

IBM C/C++ Tools

S61G-1186-00

## **C++ Class Libraries Reference Summary**



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**Note!**

Before using this information and the product it supports, be sure to read the general information under "Notices" on page v.

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## How to Use this Reference Summary

This reference summary contains member function declarations for five class libraries that are included with the OS/2\* C/C++ Tools:

- The Complex Library, one of the Standard Class Libraries
- The I/O Stream Library, one of the Standard Class Libraries
- The Task Library, one of the Standard Class Libraries
- The Collection Class Library
- The User Interface Class Library

The term “Standard Class Libraries” in this reference summary refers to the three class libraries developed by AT&T\*\* and the UNIX\*\* System Laboratories.

For each class library, the summary is divided into as many as four separate tables, one for each of the following categories of functions:

1. Constructors
2. Destructors, if there are any
3. Operators, if there are any
4. Other member functions

Each table entry contains two columns:

1. The first column shows the function declaration, with the name of the function shown in **special bold** font, and the argument names shown in *special italics* font. You can use names other than the argument names provided when you call the function. The argument names used in this summary are intended to indicate, wherever possible, the purpose of the arguments.
2. The second column shows the class or classes of which the function is a member.

Functions are sorted alphabetically within each category of constructors, destructors, operators and other member functions. Numeric characters are considered smaller than alphabetic characters for the sort, so that `I3StateCheckBox` would appear before `IContainerControl`.

You can use the summary to look up functions whose names you know but whose arguments, return type, or exact spelling you are not sure of. If you want more information on the function, see the function description in the appropriate class library reference manual. You can find this description under the class or classes listed in the “Class” column of the table. Use the following manuals for information on the following libraries:

*IBM C/C++ Tools: Standard Class Library Reference*, S61G-1180, for information on the Complex, I/O Stream and Task Libraries.

*IBM C/C++ Tools: Collection Class Library Reference*, S61G-1178, for information on the Collection Class Library.

*IBM C/C++ Tools: User Interface Class Library Reference*, S61G-1179, for information on the User Interface Library.

**Notes:**

1. Functions with identical names may be provided by more than one class library. If you are reviewing or maintaining code and are uncertain which library a particular function belongs to, look the function up in all five sections of this summary and use the argument list, return type, and other information to determine which library the function belongs to.
2. Functions with identical names may also be provided by more than one class within a class library. Use the context in which the function is called to determine the function's class.

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## Complex Library

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### Constructors

Member Function	Class
<code>c_exception ( char *exceptionName, const complex&amp; Arg1, const complex&amp; Arg2 = complex_zero );</code>	<code>c_exception</code>
<code>complex ( );</code>	<code>complex</code>
<code>complex ( double real, double imaginary= . );</code>	<code>complex</code>

---

### Operators

Member Function	Class
<code>ostream&amp; operator &lt;&lt; ( ostream&amp; OS, complex C );</code>	<code>complex</code>
<code>friend complex operator + ( complex X, complex Y );</code>	<code>complex</code>
<code>void operator += ( complex X );</code>	<code>complex</code>
<code>friend int operator != ( complex X, complex Y );</code>	<code>complex</code>
<code>friend complex operator * ( complex X, complex Y );</code>	<code>complex</code>
<code>void operator *= ( complex X );</code>	<code>complex</code>
<code>friend complex operator - ( complex X );</code>	<code>complex</code>
<code>friend complex operator - ( complex X, complex Y );</code>	<code>complex</code>
<code>void operator -= ( complex X );</code>	<code>complex</code>
<code>friend complex operator / ( complex X, complex Y );</code>	<code>complex</code>
<code>void operator /= ( complex X );</code>	<code>complex</code>
<code>istream&amp; operator &gt;&gt; ( istream&amp; IS, complex&amp; C );</code>	<code>complex</code>
<code>friend int operator == ( complex X, complex Y );</code>	<code>complex</code>

## Complex Library - Other Member Functions

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### Other Member Functions

Member Function	Class
friend double <b>abs</b> ( complex <i>X</i> );	complex
friend double <b>arg</b> ( complex <i>X</i> );	complex
friend int <b>complex_error</b> ( c_exception& <i>ce</i> );	complex
friend complex <b>conj</b> ( complex <i>X</i> );	complex
friend complex <b>cos</b> ( complex <i>X</i> );	complex
friend complex <b>cosh</b> ( complex <i>X</i> );	complex
friend complex <b>exp</b> ( complex <i>X</i> );	complex
friend double <b>imag</b> ( const complex& <i>x</i> );	complex
friend complex <b>log</b> ( complex <i>X</i> );	complex
friend double <b>norm</b> ( complex <i>X</i> );	complex
friend complex <b>polar</b> ( double <i>a</i> , double <i>b=</i> );	complex
friend complex <b>pow</b> ( complex <i>C</i> , complex <i>Z</i> );	complex
friend complex <b>pow</b> ( complex <i>C</i> , double <i>d</i> );	complex
friend complex <b>pow</b> ( complex <i>C</i> , int <i>i</i> );	complex
friend complex <b>pow</b> ( double <i>d</i> , complex <i>Z</i> );	complex
friend double <b>real</b> ( const complex& <i>x</i> );	complex
friend complex <b>sin</b> ( complex <i>X</i> );	complex
friend complex <b>sinh</b> ( complex <i>X</i> );	complex
friend complex <b>sqrt</b> ( complex <i>X</i> );	complex

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## I/O Stream Library

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### Constructors

Member Function	Class
<code>filebuf ( );</code>	<code>filebuf</code>
<code>filebuf ( int <i>fileDescriptor</i> );</code>	<code>filebuf</code>
<code>filebuf ( int <i>fileDescriptor</i>, char* <i>startPos</i>, int <i>len</i> );</code>	<code>filebuf</code>
<code>fstream ( );</code>	<code>fstream</code>
<code>fstream ( const char* <i>fileName</i>, int <i>mode</i>, int <i>prot</i>=filebuf::openprot );</code>	<code>fstream</code>
<code>fstream ( int <i>fileDescriptor</i> );</code>	<code>fstream</code>
<code>fstream ( int <i>fileDescriptor</i>, char* <i>bufPos</i>, int <i>len</i> );</code>	<code>fstream</code>
<code>ifstream ( );</code>	<code>ifstream</code>
<code>ifstream ( const char* <i>fileName</i>, int <i>mode</i>=ios::in, int <i>prot</i>=filebuf&amp;</code>	<code>ifstream</code>
<code>ifstream ( int <i>fileDescriptor</i> );</code>	<code>ifstream</code>
<code>ifstream ( int <i>fileDescriptor</i>, char* <i>bufPos</i>, int <i>len</i> );</code>	<code>ifstream</code>
<code>protected:ios ( );</code>	<code>ios</code>
<code>public:ios ( streambuf* <i>sb</i> );</code>	<code>ios</code>
<code>iostream ( streambuf* <i>sb</i> );</code>	<code>iostream</code>
<code>iostream_withassign ( );</code>	<code>iostream_withassign</code>
<code>istream ( streambuf* <i>sb</i> );</code>	<code>istream</code>
<code>istream_withassign ( );</code>	<code>istream_withassign</code>
<code>istrstream ( char* <i>characterPointer</i> );</code>	<code>istrstream</code>
<code>istrstream ( char* <i>characterPointer</i>, int <i>len</i> );</code>	<code>istrstream</code>
<code>istrstream ( const char* <i>characterPointer</i> );</code>	<code>istrstream</code>
<code>istrstream ( const char* <i>characterPointer</i>, int <i>len</i> );</code>	<code>istrstream</code>
<code>istrstream ( const signed char* <i>characterPointer</i> );</code>	<code>istrstream</code>
<code>istrstream ( const signed char* <i>characterPointer</i>, int <i>len</i> );</code>	<code>istrstream</code>
<code>istrstream ( const unsigned char* <i>characterPointer</i> );</code>	<code>istrstream</code>
<code>istrstream ( const unsigned char* <i>characterPointer</i>, int <i>len</i> );</code>	<code>istrstream</code>
<code>istrstream ( signed char* <i>characterPointer</i> );</code>	<code>istrstream</code>
<code>istrstream ( signed char* <i>characterPointer</i>, int <i>len</i> );</code>	<code>istrstream</code>
<code>istrstream ( unsigned char* <i>characterPointer</i> );</code>	<code>istrstream</code>
<code>istrstream ( unsigned char* <i>characterPointer</i>, int <i>len</i> );</code>	<code>istrstream</code>
<code>ofstream ( );</code>	<code>ofstream</code>

## I/O Stream Library - Destructors

Member Function	Class
<code>ofstream ( const char* fileName, int mode=ios::out, int prot=filebuf::openprototofstream</code>	<code>ofstream</code>
<code>ofstream ( int fileDescriptor );</code>	<code>ofstream</code>
<code>ofstream ( int fileDescriptor, char* bufPos, int len );</code>	<code>ofstream</code>
<code>ostream ( streambuf* sb );</code>	<code>ostream</code>
<code>ostream_withassign ( );</code>	<code>ostream_withassign</code>
<code>ostrstream ( );</code>	<code>ostrstream</code>
<code>ostrstream ( char* characterPointer, int len, int mode = ios::out );</code>	<code>ostrstream</code>
<code>ostrstream ( signed char* characterPointer, int len, int mode = ios::out );</code>	<code>ostrstream</code>
<code>ostrstream ( unsigned char* characterPointer, int len, int mode = ios::out );</code>	<code>ostrstream</code>
<code>stdiobuf ( FILE* file );</code>	<code>stdiobuf</code>
<code>stdiostream ( FILE* file );</code>	<code>stdiostream</code>
<code>public:streambuf ( char* buffer, int len, int c );</code>	<code>streambuf</code>
<code>streambuf ( public: char* buffer, int len );</code>	<code>streambuf</code>
<code>public: streambuf ( );</code>	<code>streambuf</code>
<code>strstream ( );</code>	<code>strstream</code>
<code>strstream ( char* characterPointer, int len, int mode );</code>	<code>strstream</code>
<code>strstream ( signed char* characterPointer, int len, int mode );</code>	<code>strstream</code>
<code>strstream ( unsigned char* characterPointer, int len, int mode );</code>	<code>strstream</code>
<code>strstreambuf ( );</code>	<code>strstreambuf</code>
<code>strstreambuf ( char* startPos, int len, char* putPos );</code>	<code>strstreambuf</code>
<code>strstreambuf ( int bufSize );</code>	<code>strstreambuf</code>
<code>strstreambuf ( signed char* startPos, int len, signed char* putPos );</code>	<code>strstreambuf</code>
<code>strstreambuf ( unsigned char* startPos, int len, unsigned char* putPos );</code>	<code>strstreambuf</code>
<code>strstreambuf ( void* (*alloc) (long), void(*free) (void*) );</code>	<code>strstreambuf</code>

## Destructors

Member Function	Class
<code>~filebuf ( );</code>	<code>filebuf</code>
<code>~istrstream ( );</code>	<code>istrstream</code>
<code>~ostrstream ( );</code>	<code>ostrstream</code>
<code>~stdiobuf ( );</code>	<code>stdiobuf</code>
<code>virtual ~streambuf ( );</code>	<code>streambuf public interface</code>
<code>~strstream ( );</code>	<code>strstream</code>
<code>~strstreambuf ( );</code>	<code>strstreambuf</code>

## I/O Stream Library - Operators

### Operators

Member Function	Class
ostream& <b>operator</b> << ( char <i>character</i> );	ostream
ostream& <b>operator</b> << ( const char* <i>characterPointer</i> );	ostream
ostream& <b>operator</b> << ( const signed char* <i>characterPointer</i> );	ostream
ostream& <b>operator</b> << ( const unsigned char* <i>characterPointer</i> );	ostream
ostream& <b>operator</b> << ( double <i>doubleValue</i> );	ostream
ostream& <b>operator</b> << ( float <i>floatValue</i> );	ostream
ostream& <b>operator</b> << ( int <i>integralValue</i> );	ostream
ostream& <b>operator</b> << ( long <i>integralValue</i> );	ostream
ostream& <b>operator</b> << ( long double <i>doubleValue</i> );	ostream
ostream& <b>operator</b> << ( short <i>integralValue</i> );	ostream
ostream& <b>operator</b> << ( signed char <i>character</i> );	ostream
ostream& <b>operator</b> << ( streambuf* <i>sb</i> );	ostream
ostream& <b>operator</b> << ( unsigned char <i>character</i> );	ostream
ostream& <b>operator</b> << ( unsigned int <i>integralValue</i> );	ostream
ostream& <b>operator</b> << ( unsigned long <i>integralValue</i> );	ostream
ostream& <b>operator</b> << ( unsigned short <i>integralValue</i> );	ostream
ostream& <b>operator</b> << ( void* <i>pointerToVoid</i> );	ostream
ostream& <b>operator</b> << ( wchar_t <i>wchar</i> );	ostream
ostream& <b>operator</b> << ( wchar_t* <i>wcharPointer</i> );	ostream
int <b>operator</b> ! ( ) const;	ios
<b>operator</b> const void* ( ) const;	ios
<b>operator</b> void* ( );	ios
istream& <b>operator</b> >> ( char& <i>characterRef</i> );	istream
istream& <b>operator</b> >> ( char* <i>characterPointer</i> );	istream
istream& <b>operator</b> >> ( double& <i>doubleRef</i> );	istream
istream& <b>operator</b> >> ( float& <i>floatRef</i> );	istream
istream& <b>operator</b> >> ( int& <i>intRef</i> );	istream
istream& <b>operator</b> >> ( long double& <i>doubleRef</i> );	istream
istream& <b>operator</b> >> ( long& <i>intRef</i> );	istream
istream& <b>operator</b> >> ( short& <i>intRef</i> );	istream
istream& <b>operator</b> >> ( signed char& <i>characterRef</i> );	istream
istream& <b>operator</b> >> ( signed char* <i>characterPointer</i> );	istream
istream& <b>operator</b> >> ( streambuf* <i>sb</i> );	istream
istream& <b>operator</b> >> ( unsigned char& <i>characterRef</i> );	istream
istream& <b>operator</b> >> ( unsigned char* <i>characterPointer</i> );	istream

## I/O Stream Library - Other Member Functions

Member Function	Class
<code>istream&amp; operator &gt;&gt; ( unsigned int&amp; intRef );</code>	<code>istream</code>
<code>istream&amp; operator &gt;&gt; ( unsigned long&amp; intRef );</code>	<code>istream</code>
<code>istream&amp; operator &gt;&gt; ( unsigned short&amp; intRef );</code>	<code>istream</code>
<code>istream&amp; operator &gt;&gt; ( wchar_t&amp; wcharRef );</code>	<code>istream</code>
<code>istream&amp; operator &gt;&gt; ( wchar_t* wcharPointer );</code>	<code>istream</code>
<code>istream_withassign&amp; operator = ( istream&amp; is );</code>	<code>istream_withassign</code>
<code>ostream_withassign&amp; operator = ( ostream&amp; os );</code>	<code>ostream_withassign</code>
<code>iostream_withassign&amp; operator = ( streambuf* sb );</code>	<code>iostream_withassign</code>
<code>istream_withassign&amp; operator = ( streambuf* sb );</code>	<code>istream_withassign</code>
<code>ostream_withassign&amp; operator = ( streambuf* sb );</code>	<code>ostream_withassign</code>

## Other Member Functions

\* **Note:** Functions with an entry in the class column of “None\*” are parameterized manipulators and are not members of any class. For further information see Chapter 17, “Manipulators,” in the *Standard Class Library Reference*.

Member Function	Class
<code>int allocate ( );</code>	<code>streambuf</code> protected interface
<code>filebuf* attach ( int fileDescriptor );</code>	<code>filebuf</code>
<code>void attach ( int fileDescriptor );</code>	<code>fstreambase</code>
<code>int bad ( ) const;</code>	<code>ios</code>
<code>char* base ( );</code>	<code>streambuf</code> protected interface
<code>static long bitalloc ( );</code>	<code>ios</code>
<code>int blen ( ) const;</code>	<code>streambuf</code> protected interface
<code>void clear ( int state= );</code>	<code>ios</code>
<code>filebuf* close ( );</code>	<code>filebuf</code>
<code>void close ( );</code>	<code>fstreambase</code>
<code>void dbp ( );</code>	<code>streambuf</code> protected interface
<code>ios&amp; dec ( ios&amp; );</code>	<code>istream, ostream</code>
<code>virtual int deallocate ( );</code>	<code>streambuf</code> protected interface <code>strstreambuf</code>
<code>char* eback ( );</code>	<code>streambuf</code> protected interface
<code>char* ebuf ( );</code>	<code>streambuf</code> protected interface
<code>char* egptr ( );</code>	<code>streambuf</code> protected interface
<code>ostream&amp; endl ( ostream&amp; i );</code>	<code>ostream</code>



## I/O Stream Library - Other Member Functions

Member Function	Class
<code>ostream&amp; ends ( ostream&amp; i );</code>	<code>ostream</code>
<code>int eof ( ) const;</code>	<code>ios</code>
<code>char* epptr ( );</code>	<code>streambuf protected interface</code>
<code>int fail ( ) const;</code>	<code>ios</code>
<code>int fd ( );</code>	<code>filebuf</code>
<code>char fill ( ) const;</code>	<code>ios</code>
<code>char fill ( char fillChar );</code>	<code>ios</code>
<code>long flags ( ) const;</code>	<code>ios</code>
<code>long flags ( long flagSet );</code>	<code>ios</code>
<code>ostream&amp; flush ( );</code>	<code>ostream</code>
<code>ostream&amp; flush ( ostream&amp; );</code>	<code>ostream</code>
<code>void freeze ( int nonAuto=1 );</code>	<code>strstreambuf</code>
<code>void gbump ( int offset );</code>	<code>streambuf protected interface</code>
<code>int gcount ( );</code>	<code>istream</code>
<code>int get ( );</code>	<code>istream</code>
<code>istream&amp; get ( char&amp; characterRef );</code>	<code>istream</code>
<code>istream&amp; get ( char* characterPointer, int len, char delim='\n' );</code>	<code>istream</code>
<code>istream&amp; get ( signed char&amp; characterRef );</code>	<code>istream</code>
<code>istream&amp; get ( signed char* characterPointer, int len, char delim='\n' );</code>	<code>istream</code>
<code>istream&amp; get ( streambuf&amp; sb, char delim='\n' );</code>	<code>istream</code>
<code>istream&amp; get ( unsigned char&amp; characterRef );</code>	<code>istream</code>
<code>istream&amp; get ( unsigned char* characterPointer, int len, char delim='\n' );</code>	<code>istream</code>
<code>istream&amp; get ( wchar_t&amp; wcharRef );</code>	<code>istream</code>
<code>istream&amp; getline ( char* characterPointer, int len, char delim='\n' );</code>	<code>istream</code>
<code>istream&amp; getline ( signed char* characterPointer, int len, char delim='\n' );</code>	<code>istream</code>
<code>istream&amp; getline ( unsigned char* characterPointer, int len, char delim='\n' );</code>	<code>istream</code>
<code>int good ( ) const;</code>	<code>ios</code>
<code>char* gptr ( );</code>	<code>streambuf protected interface</code>
<code>ios&amp; hex ( ios&amp; );</code>	<code>istream, ostream</code>
<code>istream&amp; ignore ( int charactersToDiscard=1, int delim=EOF );</code>	<code>istream</code>
<code>int in_avail ( );</code>	<code>streambuf public interface</code>
<code>protected: init ( streambuf* sb );</code>	<code>ios</code>
<code>int ipfx ( int charactersNeeded= );</code>	<code>istream</code>
<code>int is_open ( );</code>	<code>filebuf</code>
<code>long&amp; iword ( int userDefinedFlagNum );</code>	<code>ios</code>
<code>ios&amp; oct ( ios&amp; );</code>	<code>istream, ostream</code>
<code>filebuf* open ( char* fileName, int openMode, int prot=openprot );</code>	<code>filebuf</code>
<code>void open ( const char* fileName, int mode, int prot=filebuf::openprot );</code>	<code>fstream, ofstream</code>

## I/O Stream Library - Other Member Functions

Member Function	Class
void <b>open</b> ( const char* <i>fileName</i> , int <i>mode</i> =ios::in, int <i>prot</i> =filebuf::openprot fstream::openmode );	ostream
int <b>opfx</b> ( );	ostream
void <b>osfx</b> ( );	ostream
int <b>out_waiting</b> ( );	streambuf public interface
virtual int <b>overflow</b> ( int <i>characterToPut</i> = EOF );	streambuf protected interface
virtual int <b>overflow</b> ( int <i>characterToPut</i> );	strstreambuf
virtual int <b>pbackfail</b> ( int <i>c</i> );	streambuf protected interface
char* <b>pbase</b> ( );	streambuf protected interface
void <b>pbump</b> ( int <i>offset</i> );	streambuf protected interface
int <b>pcount</b> ( );	ostrstream
int <b>peek</b> ( );	istream
char* <b>pptr</b> ( );	streambuf protected interface
int <b>precision</b> ( ) const;	ios
int <b>precision</b> ( int <i>prec</i> );	ios
ostream& <b>put</b> ( char <i>character</i> );	ostream
istream& <b>putback</b> ( char <i>character</i> );	istream
void* & <b>pword</b> ( int <i>userDefinedFlagNum</i> );	ios
filebuf* <b>rdbuf</b> ( );	fstream, ifstream, ofstream
stdiobuf* <b>rdbuf</b> ( );	stdiostream
streambuf* <b>rdbuf</b> ( );	ios
strstreambuf* <b>rdbuf</b> ( );	strstreambase
int <b>rdstate</b> ( ) const;	ios
istream& <b>read</b> ( char* <i>destString</i> , int <i>numChars</i> );	istream
istream& <b>read</b> ( signed char* <i>destString</i> , int <i>numChars</i> );	istream
istream& <b>read</b> ( unsigned char* <i>destString</i> , int <i>numChars</i> );	istream
SMANIP(long) <b>resetiosflags</b> ( long <i>flags</i> );	None*
int <b>sbumpc</b> ( );	streambuf public interface
istream& <b>seekg</b> ( streamoff <i>so</i> , ios::seek_dir <i>dir</i> );	istream
istream& <b>seekg</b> ( streampos <i>sp</i> );	istream
virtual streampos <b>seekoff</b> ( streamoff <i>so</i> , ios::seek_dir <i>dir</i> , int <i>mode</i> );	strstreambuf
virtual streampos <b>seekoff</b> ( streamoff <i>so</i> , seek_dir <i>dir</i> , int <i>mode</i> = ios::in ios::out );	streambuf protected interface
streampos <b>seekoff</b> ( streamoff <i>so</i> , seek_dir <i>sd</i> , int <i>omode</i> );	filebuf
ostream& <b>seekp</b> ( streamoff <i>so</i> , ios::seek_dir <i>dir</i> );	ostream
ostream& <b>seekp</b> ( streampos <i>sp</i> );	ostream
virtual streampos <b>seekpos</b> ( streampos <i>pos</i> , int <i>mode</i> = ios::in ios::out );	streambuf protected interface
void <b>setb</b> ( char* <i>startBuf</i> , char* <i>endBuf</i> , int <i>delBuf</i> = );	streambuf protected interface
SMANIP(int) <b>setbase</b> ( int <i>base</i> );	None*
virtual streambuf* <b>setbuf</b> ( char* <i>characterPointer</i> , int <i>len</i> );	streambuf protected interface

## I/O Stream Library - Other Member Functions

Member Function	Class
streambuf* <b>setbuf</b> ( char* <i>characterPointer</i> , int <i>len</i> , int <i>count</i> );	streambuf protected interface
streambuf* <b>setbuf</b> ( char* <i>pbegin</i> , int <i>len</i> );	filebuf
void <b>setbuf</b> ( char* <i>pbegin</i> , int <i>len</i> );	fstreambase
streambuf* <b>setbuf</b> ( unsigned char* <i>characterPointer</i> , int <i>len</i> );	streambuf protected interface
virtual streambuf* <b>setbuf</b> ( , int <i>bufsize</i> );	strstreambuf
long <b>setf</b> ( long <i>flagsToSet</i> );	ios
long <b>setf</b> ( long <i>flagsToSet</i> , long <i>flagsToClear</i> );	ios
SMANIP(int) <b>setfill</b> ( int <i>fill</i> );	None*
void <b>setg</b> ( char* <i>startPut</i> , char* <i>getStart</i> , char* <i>getEnd</i> );	streambuf protected interface
SMANIP(long) <b>setiosflags</b> ( long <i>flags</i> );	None*
void <b>setp</b> ( char* <i>startPut</i> , char* <i>endPut</i> );	streambuf protected interface
SMANIP(int) <b>setprecision</b> ( int <i>prec</i> );	None*
SMANIP(int) <b>setw</b> ( int <i>width</i> );	None*
int <b>sgetc</b> ( );	streambuf public interface
int <b>sgetn</b> ( char* <i>getPointer</i> , int <i>numChars</i> );	streambuf public interface
int <b>skip</b> ( int <i>skipWSOnOff</i> );	ios
int <b>snexct</b> ( );	streambuf public interface
int <b>sputbackc</b> ( char <i>character</i> );	streambuf public interface
int <b>sputc</b> ( int <i>character</i> );	streambuf public interface
int <b>sputn</b> ( const char* <i>characterPointer</i> , int <i>charactersToStore</i> );	streambuf public interface
FILE* <b>stdiofile</b> ( );	stdiobuf
void <b>stossc</b> ( );	streambuf public interface
char* <b>str</b> ( );	ostrstream, strstream, strstreambuf
int <b>sync</b> ( );	filebuf, istream
virtual int <b>sync</b> ( );	streambuf protected interface
static void <b>sync_with_stdio</b> ( );	ios
streampos <b>tellg</b> ( );	istream
streampos <b>tellp</b> ( );	ostream
ostream* <b>tie</b> ( );	ios
ostream* <b>tie</b> ( ostream* <i>os</i> );	ios
void <b>unbuffered</b> ( int <i>bufferState</i> );	streambuf protected interface
virtual int <b>underflow</b> ( );	streambuf protected interface strstreambuf
long <b>unsetf</b> ( long <i>flagsToClear</i> );	ios
int <b>width</b> ( ) const;	ios
int <b>width</b> ( int <i>formatStateFieldWidth</i> );	ios
ostream& <b>write</b> ( const char* <i>characterPointer</i> , int <i>charactersToWrite</i> );	ostream

## I/O Stream Library - Other Member Functions

Member Function	Class
<code>ostream&amp; write ( const signed char* <i>characterPointer</i>, int <i>charactersToWrite</i> );</code>	<code>ostream</code>
<code>ostream&amp; write ( const unsigned char* <i>characterPointer</i>, int <i>charactersToWrite</i> );</code>	<code>ostream</code>
<code>istream&amp; ws ( istream&amp; );</code>	<code>istream</code>
<code>static int xalloc ( );</code>	<code>ios</code>

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## Task Library

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### Constructors

Member Function	Class
<code>erand ( int <i>mean</i> );</code>	erand
<code>histogram ( int <i>numberOfBins</i>=16, int <i>left</i>= , int <i>right</i>=16 );</code>	histogram
<code>Interrupt_alerter ( );</code>	Interrupt_alerter
<code>Interrupt_handler ( int <i>sig</i> );</code>	Interrupt_handler
<code>object ( );</code>	object
<code>qhead ( qmodetype <i>qm</i>= WMODE, int <i>size</i>=1 );</code>	qhead
<code>qtail ( qmodetype <i>qm</i>= WMODE, int <i>size</i>=1 );</code>	qtail
<code>randint ( long <i>seed</i>= );</code>	randint
<code>task ( char* <i>name</i> = , modetype <i>mode</i> = DEFAULT_MODE, int <i>stacksize</i> = SIZE );</code>	task
<code>timer ( long <i>wait_time</i> );</code>	timer
<code>urand ( int <i>low</i>, int <i>high</i> );</code>	urand

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### Destructors

Member Function	Class
<code>Interrupt_alerter ( );</code>	Interrupt_alerter
<code>Interrupt_handler ( );</code>	Interrupt_handler

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### Other Member Functions

Member Function	Class
<code>void add ( int <i>binNum</i> );</code>	histogram
<code>void alert ( );</code>	object
<code>void cancel ( int <i>ret_val</i> );</code>	sched, task
<code>qhead* cut ( );</code>	qhead
<code>qtail* cut ( );</code>	qtail

## Task Library - Other Member Functions

Member Function	Class
void <b>delay</b> ( long <i>interval</i> );	task
int <b>dont_wait</b> ( );	sched
int <b>draw</b> ( );	erand, randint, urand
typedef int (*PFIO) (int, object*); static PFIO <b>error_fct</b> ;	object
typedef void (*PFV) (); static PFV <b>exit_fct</b> ;	sched
float <b>fdraw</b> ( );	randint
void <b>forget</b> ( task* <i>tsk</i> );	object
object* <b>get</b> ( );	qhead
static long <b>get_clock</b> ( );	sched
static int <b>get_exit_status</b> ( );	sched
sched* <b>get_priority_sched</b> ( );	sched
static sched* <b>get_run_chain</b> ( );	sched
qhead* <b>head</b> ( );	qtail
virtual void <b>interrupt</b> ( );	Interrupt_handler
int <b>keep_waiting</b> ( );	sched
object::objtype <b>o_type</b> ( );	Interrupt_handler, qhead, qtail, task, timer
virtual objtype <b>o_type</b> ( );	object
int <b>pending</b> ( );	Interrupt_handler, qhead, qtail, sched
virtual int <b>pending</b> ( );	object
long <b>preempt</b> ( );	task
void <b>print</b> ( );	histogram
void <b>print</b> ( int <i>levelOfDetail</i> , int <i>y</i> );	timer
void <b>print</b> ( int <i>levelOfDetail</i> , int <i>y</i> = );	task
virtual void <b>print</b> ( int <i>levelOfDetail</i> , int <i>y</i> = );	object
void <b>print</b> ( int <i>levelOfDetail</i> , int <i>y</i> = );	Interrupt_handler, qhead, qtail, sched
int <b>put</b> ( object* <i>obj</i> );	qtail
int <b>putback</b> ( object* <i>objptr</i> );	qhead
int <b>rdcount</b> ( );	qhead
int <b>rdmax</b> ( );	qhead, qtail
qmodetype <b>rdmode</b> ( );	qhead, qtail
int <b>rdspace</b> ( );	qtail
statetype <b>rdstate</b> ( );	sched
long <b>rdtime</b> ( );	sched
void <b>remember</b> ( task* <i>tk</i> );	task
void <b>reset</b> ( long <i>wait_time</i> );	timer

## Task Library - Other Member Functions

Member Function	Class
<code>int result ( );</code>	sched
<code>void resultis ( int res );</code>	task
<code>void seed ( long seednum );</code>	randint
<code>static void set_exit_status ( int i );</code>	sched
<code>static void setclock ( long init_time );</code>	sched
<code>void setmax ( int newmax );</code>	qhead, qtail
<code>void setmode ( qmodetype qm );</code>	qhead, qtail
<code>virtual void setwho ( object* alt_obj );</code>	sched
<code>void setwho ( object* alt_obj );</code>	task, timer
<code>void sleep ( object* ob= );</code>	task
<code>void splice ( qhead* qh );</code>	qtail
<code>void splice ( qtail* qt );</code>	qhead
<code>qtail* tail ( );</code>	qhead
<code>static task* get_task_chain ( );</code>	task
<code>static task* this_task ( );</code>	task
<code>int task_error ( int errno );</code>	task
<code>static int task_error ( int errno, object* op );</code>	task
<code>void wait ( object* ob );</code>	task
<code>int waitlist ( object* ob1... );</code>	task
<code>int waitvec ( object** objvec );</code>	task
<code>object* who_alerted_me ( );</code>	task

## Task Library - Other Member Functions



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## Collection Class Library

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### Constructors

Member Function	Class
<b>CLASS_BASE_NAME</b> ( CLASS_NAME const& <i>collection</i> );	Flat Collections
<b>CLASS_BASE_NAME</b> ( INumber <i>numberOfElements</i> = 1 );	Flat Collections
<b>Cursor</b> ( Tree const& <i>tree</i> );	ITreeCursor
<b>ICursor</b> ( Collection const& );	ICursor
<b>IMgPtr</b> ( );	IMgPtr
<b>IMgPtr</b> ( Element const& <i>element</i> );	IMgPtr
<b>IMgPtr</b> ( Element* <i>element</i> );	IMgPtr
<b>IPtr</b> ( );	IPtr
<b>IPtr</b> ( Element* <i>element</i> );	IPtr
<b>ITree</b> ( );	ITree
<b>ITree</b> ( ITree <Element, <i>numberOfChildren</i> > const& <i>tree</i> );	ITree

### Destructors

Member Function	Class
~ <b>CLASS_BASE_NAME</b> ( );	Flat Collections
~ <b>IMgPtr</b> ( );	IMgPtr, IPtr
~ <b>ITree</b> ( );	ITree

### Operators

Member Function	Class
Boolean <b>operator !=</b> ( CLASS_NAME const& <i>collection</i> ) const;	Flat Collections
Boolean <b>operator !=</b> ( Cursor const& <i>cursor</i> ) const;	ICursor
Boolean <b>operator !=</b> ( Cursor const& <i>cursor</i> );	ITreeCursor
Element& <b>operator *</b> ( );	IMgPtr, IPtr

## Collection Class Library - Other Member Functions

Member Function	Class
Element* <b>operator</b> -> ( );	IMgPtr, IPtr
CLASS_NAME& <b>operator</b> = ( CLASS_NAME const& <i>collection</i> );	Flat Collections
ITree <Element, numberOfChildren <b>operator</b> =& ( ITree <Element, numberOfChildren> const& <i>tree</i> );	ITree
Boolean <b>operator</b> == ( CLASS_NAME const& <i>collection</i> ) const;	Flat Collections
Boolean <b>operator</b> == ( Cursor const& <i>cursor</i> ) const;	ICursor
Boolean <b>operator</b> == ( Cursor const& <i>cursor</i> );	ITreeCursor

## Other Member Functions

Member Function	Class
Boolean <b>add</b> ( Element const& <i>element</i> );	Flat Collections
Boolean <b>add</b> ( Element const& <i>element</i> , ICursor& <i>cursor</i> );	Flat Collections
void <b>addAllFrom</b> ( CLASS_NAME const& <i>collection</i> );	Flat Collections
void <b>addAllFrom</b> ( IACollection <Element> const& <i>collection</i> );	Flat Collections
void <b>addAsChild</b> ( ITreeCursor const& <i>cursor</i> , IPosition <i>position</i> , Element const& <i>element</i> );	ITreeCursor
void <b>addAsFirst</b> ( Element const& <i>element</i> );	Flat Collections
void <b>addAsFirst</b> ( Element const& <i>element</i> , ICursor& <i>cursor</i> );	Flat Collections
void <b>addAsLast</b> ( Element const& <i>element</i> );	Flat Collections
void <b>addAsLast</b> ( Element const& <i>element</i> , ICursor& <i>cursor</i> );	Flat Collections
void <b>addAsNext</b> ( Element const& <i>element</i> , ICursor& <i>cursor</i> );	Flat Collections
void <b>addAsPrevious</b> ( Element const& <i>element</i> , ICursor& <i>cursor</i> );	Flat Collections
void <b>addAsRoot</b> ( Element const& <i>element</i> );	ITree
void <b>addAtPosition</b> ( IPosition <i>position</i> , Element const& <i>element</i> );	Flat Collections
void <b>addAtPosition</b> ( IPosition <i>position</i> , Element const& <i>element</i> , ICursor& <i>cursor</i> );	Flat Collections
void <b>addDifference</b> ( CLASS_NAME const& <i>collection1</i> , CLASS_NAME const& <i>collection2</i> );	Flat Collections
void <b>addIntersection</b> ( CLASS_NAME const& <i>collection1</i> , CLASS_NAME const& <i>collection2</i> );	Flat Collections
Boolean <b>addOrReplaceElementWithKey</b> ( Element const& <i>element</i> ) const;	Flat Collections
Boolean <b>addOrReplaceElementWithKey</b> ( Element const& <i>element</i> , ICursor& <i>cursor</i> );	Flat Collections
void <b>addUnion</b> ( CLASS_NAME const& <i>collection1</i> , CLASS_NAME const& <i>collection2</i> );	Flat Collections
Boolean <b>allElementsDo</b> ( Boolean (*function) (Element const&, void*), ITreeIterationOrder <i>iterationOrder</i> , void* <i>additionalArgument</i> = ) const;	ITree
Boolean <b>allElementsDo</b> ( Boolean (*function) (Element&, void*), ITreeIterationOrder <i>iterationOrder</i> , void* <i>additionalArgument</i> = );	ITree
Boolean <b>allElementsDo</b> ( Boolean (*function) (Element&, void*), void* <i>additionalArgument</i> = );	Flat Collections



## Collection Class Library - Other Member Functions

Member Function	Class
Element const& <b>element</b> ( );	ITreeCursor
Element const& <b>elementAt</b> ( ICursor const& <i>cursor</i> ) const;	Flat Collections
Element& <b>elementAt</b> ( ICursor const& <i>cursor</i> );	Flat Collections
Element const& <b>elementAt</b> ( ITreeCursor const& <i>cursor</i> ) const;	ITree
Element& <b>elementAt</b> ( ITreeCursor const& <i>cursor</i> );	ITree
Element const& <b>elementAtPosition</b> ( IPosition <i>position</i> ) const;	Flat Collections
Element const& <b>elementWithKey</b> ( Key const& <i>key</i> ) const;	Flat Collections
Element& <b>elementWithKey</b> ( Key const& <i>key</i> );	Flat Collections
void <b>enqueue</b> ( Element const& <i>element</i> );	Flat Collections
void <b>enqueue</b> ( Element const& <i>element</i> , ICursor& <i>cursor</i> );	Flat Collections
Element const& <b>firstElement</b> ( ) const;	Flat Collections
Boolean <b>hasChild</b> ( IPosition <i>position</i> , ITreeCursor const& <i>cursor</i> ) const;	ITree
void <b>intersectionWith</b> ( CLASS_NAME const& <i>collection</i> );	Flat Collections
void <b>invalidate</b> ( );	ICursor
void <b>invalidate</b> ( );	ITreeCursor
Boolean <b>isBounded</b> ( ) const;	Flat Collections
Boolean <b>isEmpty</b> ( ) const;	Flat Collections, ITree
Boolean <b>isFirst</b> ( ICursor const& <i>cursor</i> ) const;	Flat Collections
Boolean <b>isFull</b> ( ) const;	Flat Collections
Boolean <b>isLast</b> ( ICursor const& <i>cursor</i> ) const;	Flat Collections
Boolean <b>isLeaf</b> ( ITreeCursor const& <i>cursor</i> ) const;	ITree
Boolean <b>isRoot</b> ( ITreeCursor const& <i>cursor</i> ) const;	ITree
Boolean <b>isValid</b> ( ) const;	ICursor
Boolean <b>isValid</b> ( );	ITreeCursor
Key const& <b>key</b> ( Element const& <i>element</i> ) const;	Flat Collections
Element const& <b>lastElement</b> ( ) const;	Flat Collections
Boolean <b>locate</b> ( Element const& <i>element</i> , ICursor& <i>cursor</i> ) const;	Flat Collections
Boolean <b>locateElementWithKey</b> ( Key const& <i>key</i> , ICursor& <i>cursor</i> ) const;	Flat Collections
Boolean <b>locateFirst</b> ( Element const& <i>element</i> , ICursor& <i>cursor</i> ) const;	Flat Collections
Boolean <b>locateLast</b> ( Element const& <i>element</i> , ICursor& <i>cursor</i> ) const;	Flat Collections
Boolean <b>locateNext</b> ( Element const& <i>element</i> , ICursor& <i>cursor</i> ) const;	Flat Collections
Boolean <b>locateNextElementWithKey</b> ( Key const& <i>key</i> , ICursor& <i>cursor</i> ) const;	Flat Collections
Boolean <b>locateOrAdd</b> ( Element const& <i>element</i> );	Flat Collections
Boolean <b>locateOrAdd</b> ( Element const& <i>element</i> , ICursor& <i>cursor</i> );	Flat Collections
Boolean <b>locateOrAddElementWithKey</b> ( Element const& <i>element</i> );	Flat Collections
Boolean <b>locateOrAddElementWithKey</b> ( Element const& <i>element</i> ; ICursor& <i>cursor</i> );	Flat Collections
Boolean <b>locatePrevious</b> ( Element const& <i>element</i> , ICursor& <i>cursor</i> ) const;	Flat Collections
INumber <b>maxNumberOfElements</b> ( ) const;	Flat Collections

## Collection Class Library - Other Member Functions

Member Function	Class
<code>ICursor* newCursor ( ) const;</code>	Flat Collections
<code>ITreeCursor* newCursor ( ) const;</code>	ITree
<code>INumber numberOfChildren ( ) const;</code>	ITree
<code>INumber numberOfDifferentElements ( ) const;</code>	Flat Collections
<code>INumber numberOfDifferentKeys ( ) const;</code>	Flat Collections
<code>INumber numberOfElements ( ) const;</code>	Flat Collections, ITree
<code>INumber numberOfElementsWithKey ( Key const&amp; key ) const;</code>	Flat Collections
<code>INumber numberOfLeaves ( ) const;</code>	ITree
<code>INumber numberOfOccurrences ( Element const&amp; element ) const;</code>	Flat Collections
<code>INumber numberOfSubtreeElements ( ITreeCursor const&amp; cursor ) const;</code>	ITree
<code>INumber numberOfSubtreeLeaves ( ITreeCursor const&amp; cursor ) const;</code>	ITree
<code>void pop ( );</code>	Flat Collections
<code>void pop ( Element&amp; element );</code>	Flat Collections
<code>INumber position ( ITreeCursor const&amp; cursor ) const;</code>	ITree
<code>void push ( Element const&amp; element );</code>	Flat Collections
<code>void push ( Element const&amp; element, ICursor&amp; cursor );</code>	Flat Collections
<code>Boolean remove ( Element const&amp; element );</code>	Flat Collections
<code>void removeAll ( );</code>	Flat Collections, ITree
<code>INumber removeAll ( Boolean (*property) (Element const&amp;, void*), void* additionalArgument = );</code>	Flat Collections
<code>INumber removeAllElementsWithKey ( Key const&amp; key );</code>	Flat Collections
<code>INumber removeAllOccurrences ( Element const&amp; element );</code>	Flat Collections
<code>void removeAt ( ICursor const&amp; cursor );</code>	Flat Collections
<code>void removeAtPosition ( IPosition position );</code>	Flat Collections
<code>Boolean removeElementWithKey ( Key const&amp; key );</code>	Flat Collections
<code>void removeFirst ( );</code>	Flat Collections
<code>void removeLast ( );</code>	Flat Collections
<code>void removeSubtree ( ITreeCursor const&amp; cursor );</code>	ITree
<code>void replaceAt ( ICursor const&amp; cursor, Element const&amp; element );</code>	Flat Collections
<code>void replaceAt ( ITreeCursor const&amp; cursor, Element const&amp; element );</code>	ITree
<code>Boolean replaceElementWithKey ( Element const&amp; element );</code>	Flat Collections
<code>Boolean replaceElementWithKey ( Element const&amp; element, ICursor&amp; cursor );</code>	Flat Collections
<code>Boolean setToChild ( IPosition position );</code>	ITreeCursor
<code>Boolean setToChild ( IPosition position, ITreeCursor&amp; cursor ) const;</code>	ITree
<code>Boolean setToFirst ( );</code>	ICursor
<code>Boolean setToFirst ( ICursor&amp; cursor ) const;</code>	Flat Collections
<code>Boolean setToFirst ( ITreeCursor&amp; cursor, ITreeIterationOrder iterationOrder ) const;</code>	ITree
<code>Boolean setToFirstExistingChild ( );</code>	ITreeCursor

## Collection Class Library - Other Member Functions

Member Function	Class
Boolean <b>setToFirstExistingChild</b> ( ITreeCursor& <i>cursor</i> ) const;	ITree
Boolean <b>setToLast</b> ( );	ICursor
Boolean <b>setToLast</b> ( ICursor& <i>cursor</i> ) const;	Flat Collections
Boolean <b>setToLast</b> ( ITreeCursor& <i>cursor</i> , ITreeIterationOrder <i>iterationOrder</i> ) const;	ITree
Boolean <b>setToLastExistingChild</b> ( );	ITreeCursor
Boolean <b>setToLastExistingChild</b> ( ITreeCursor& <i>cursor</i> ) const;	ITree
Boolean <b>setToNext</b> ( );	ICursor
Boolean <b>setToNext</b> ( ICursor& <i>cursor</i> ) const;	Flat Collections
Boolean <b>setToNext</b> ( ITreeCursor& <i>cursor</i> , ITreeIterationOrder <i>iterationOrder</i> ) const;	ITree
Boolean <b>setToNextDifferentElement</b> ( ICursor& <i>cursor</i> ) const;	Flat Collections
Boolean <b>setToNextExistingChild</b> ( );	ITreeCursor
Boolean <b>setToNextExistingChild</b> ( ITreeCursor& <i>cursor</i> ) const;	ITree
Boolean <b>setToNextWithDifferentKey</b> ( ICursor& <i>cursor</i> ) const;	Flat Collections
Boolean <b>setToParent</b> ( );	ITreeCursor
Boolean <b>setToParent</b> ( ITreeCursor& <i>cursor</i> ) const;	ITree
void <b>setPosition</b> ( IPosition <i>position</i> , ICursor& <i>cursor</i> ) const;	Flat Collections
Boolean <b>setToPrevious</b> ( );	ICursor
Boolean <b>setToPrevious</b> ( ICursor& <i>cursor</i> ) const;	Flat Collections
Boolean <b>setToPrevious</b> ( ITreeCursor& <i>cursor</i> , ITreeIterationOrder <i>iterationOrder</i> ) ITree const;	ITree
Boolean <b>setToPreviousExistingChild</b> ( );	ITreeCursor
Boolean <b>setToPreviousExistingChild</b> ( ITreeCursor& <i>cursor</i> ) const;	ITree
Boolean <b>setToRoot</b> ( );	ITreeCursor
Boolean <b>setToRoot</b> ( ITreeCursor& <i>cursor</i> ) const;	ITree
void <b>sort</b> ( long (* <i>comparisonFunction</i> ) (Element const& <i>element1</i> , Element const& <i>element2</i> ) );	Flat Collections
Element const& <b>top</b> ( ) const;	Flat Collections
void <b>unionWith</b> ( CLASS_NAME const& <i>collection</i> );	Flat Collections

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## User Interface Library

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### Constructors

Member Function	Class
<b>ChildCursor</b> ( IWindow &parent );	IWindow::ChildCursor
<b>ColumnCursor</b> ( const IContainerControl &container, Boolean visibleOnly = false );	IContainerControl::ColumnCursor
<b>Cursor</b> ( const IComboBox &rlb, Filter type = selectedItems );	IComboBox::Cursor
<b>Cursor</b> ( const IListBox &rlb, Filter type = selectedItems );	IListBox::Cursor
<b>Cursor</b> ( const IMenu &menu, unsigned long forSubMenuId = );	IMenu::Cursor
<b>Cursor</b> ( const INotebook &notebook );	INotebook::Cursor
<b>Cursor</b> ( const ISpinButton &spinButton );	ISpinButton::Cursor
<b>Cursor</b> ( const ISubMenu &menu );	ISubMenu::Cursor
<b>Cursor</b> ( IProfile &profile );	IProfile::Cursor
<b>Cursor</b> ( IProfile &profile, const char *appName );	IProfile::Cursor
<b>IAccelerator</b> ( const IAccelTblHandle &haccel = , IWindow *owner = );	IAccelerator
<b>IAccelerator</b> ( const IResourceId &accelResId, IWindow *owner = );	IAccelerator
<b>IAccelerator</b> ( unsigned long accelResId, IWindow *owner = );	IAccelerator
<b>IAccelTblHandle</b> ( Value haccel = );	IAccelTblHandle
<b>IAccessError</b> ( const char *errorText, unsigned long errorId, Severity severity = IException::unrecoverable );	IAccessError
<b>IAnchorBlockHandle</b> ( Value hab = );	IAnchorBlockHandle
<b>IApplication</b> ( const IProcessId &id );	IApplication
<b>IAssertionFailure</b> ( const char *errorText, unsigned long errorId, Severity severity = IException::unrecoverable );	IAssertionFailure
<b>IBitFlag</b> ( unsigned long value );	IBitFlag
<b>IBitmapControl</b> ( IWindowHandle &handle );	IBitmapControl
<b>IBitmapControl</b> ( unsigned long id, IWindow *parent, IWindow *owner, const IResourceId &bitmapId, const IRectangle &initial = IRectangle ( ), const Style &style = defaultStyle ( ) );	IBitmapControl
<b>IBitmapControl</b> ( unsigned long id, IWindow *parent, IWindow *owner, IBitmapHandle bitmapId = IBitmapHandle ( ), const IRectangle &initial = IRectangle ( ), const Style &style = defaultStyle ( ) );	IBitmapControl
<b>IBitmapControl</b> ( unsigned long id, IWindow *parent, IWindow *owner, ISystemBitmapHandle::Identifier bitmapId, const IRectangle &initial = IRectangle ( ), const Style &style = defaultStyle ( ) );	IBitmapControl
<b>IBitmapControl</b> ( unsigned long id, IWindow *parentDialog );	IBitmapControl

## User Interface Library - Constructors

Member Function	Class
<b>IBitmapHandle</b> ( const IBitmapHandle & <i>aHandle</i> );	IBitmapHandle
<b>IBitmapHandle</b> ( Value <i>value</i> = );	IBitmapHandle
<b>IBuffer</b> ( unsigned <i>newLen</i> );	IBuffer
<b>IButton</b> ( );	IButton
<b>ICanvas</b> ( unsigned long <i>windowId</i> , IWindow * <i>parent</i> , IWindow * <i>owner</i> , const IRectangle & <i>initial</i> = IRectangle ( ), const Style & <i>style</i> = defaultStyle ( ) );	ICanvas
<b>ICheckBox</b> ( IWindowHandle <i>handle</i> );	ICheckBox
<b>ICheckBox</b> ( unsigned long <i>id</i> , IWindow * <i>parent</i> , IWindow * <i>owner</i> , const IRectangle & <i>initial</i> = IRectangle ( ), const Style & <i>style</i> = defaultStyle ( ) );	ICheckBox
<b>ICheckBox</b> ( unsigned long <i>id</i> , IWindow * <i>parentDialog</i> );	ICheckBox
<b>ICnrBeginEditEvent</b> ( IControlEvent & <i>event</i> );	ICnrBeginEditEvent
<b>ICnrDrawBackgroundEvent</b> ( IEvent & <i>event</i> );	ICnrDrawBackgroundEvent
<b>ICnrDrawHandler</b> ( );	ICnrDrawHandler
<b>ICnrDrawItemEvent</b> ( IEvent & <i>event</i> );	ICnrDrawItemEvent
<b>ICnrEditEvent</b> ( IControlEvent & <i>event</i> );	ICnrEditEvent
<b>ICnrEditHandler</b> ( StringType <i>stringType</i> = isIString );	ICnrEditHandler
<b>ICnrEmphasisEvent</b> ( IControlEvent & <i>event</i> );	ICnrEmphasisEvent
<b>ICnrEndEditEvent</b> ( IControlEvent & <i>event</i> );	ICnrEndEditEvent
<b>ICnrEnterEvent</b> ( IControlEvent & <i>event</i> );	ICnrEnterEvent
<b>ICnrEvent</b> ( IControlEvent & <i>event</i> );	ICnrEvent
<b>ICnrHandler</b> ( );	ICnrHandler
<b>ICnrHelpEvent</b> ( IControlEvent & <i>chpevt</i> );	ICnrHelpEvent
<b>ICnrMenuHandler</b> ( );	ICnrMenuHandler
<b>ICnrObjectSet</b> ( );	ICnrObjectSet
<b>ICnrQueryDeltaEvent</b> ( IControlEvent & <i>event</i> );	ICnrQueryDeltaEvent
<b>ICnrReallocStringEvent</b> ( IControlEvent & <i>event</i> );	ICnrReallocStringEvent
<b>ICnrScrollEvent</b> ( IControlEvent & <i>chpevt</i> );	ICnrScrollEvent
<b>IColor</b> ( );	IColor
<b>IColor</b> ( Color <i>value</i> );	IColor
<b>IColor</b> ( unsigned char <i>red</i> , unsigned char <i>green</i> , unsigned char <i>blue</i> );	IColor
<b>IComboBox</b> ( IWindowHandle <i>handle</i> );	IComboBox
<b>IComboBox</b> ( unsigned long <i>id</i> , IWindow * <i>parent</i> );	IComboBox
<b>IComboBox</b> ( unsigned long <i>id</i> , IWindow * <i>parent</i> , IWindow * <i>owner</i> , const IRectangle & <i>initial</i> = IRectangle ( ), const Style & <i>style</i> = defaultStyle ( ) );	IComboBox
<b>ICommandEvent</b> ( IEvent & <i>event</i> );	ICommandEvent
<b>IContainerColumn</b> ( const IContainerColumn & <i>column</i> );	IContainerColumn



## User Interface Library - Constructors

Member Function	Class
<b>IContainerColumn</b> ( DataSource <i>objectDataType</i> , const HeadingStyle & <i>title</i> = defaultHeadingStyle ( ), const DataStyle & <i>data</i> = defaultDataStyle ( ) );	IContainerColumn
<b>IContainerColumn</b> ( unsigned long <i>dataOffset</i> , const HeadingStyle & <i>title</i> = defaultHeadingStyle ( ), const DataStyle & <i>data</i> = defaultDataStyle ( ) );	IContainerColumn
<b>IContainerControl</b> ( );	IContainerControl
<b>IContainerControl</b> ( const IWindowHandle & <i>handle</i> );	IContainerControl
<b>IContainerControl</b> ( unsigned long <i>id</i> , IWindow * <i>parent</i> , IWindow * <i>owner</i> , const IRectangle & <i>location</i> = IRectangle ( ), const Style & <i>style</i> = defaultStyle ( ), const Attribute & <i>attribute</i> = defaultAttribute ( ) );	IContainerControl
<b>IContainerControl</b> ( unsigned long <i>id</i> , IWindow * <i>parentDialog</i> );	IContainerControl
<b>IContainerObject</b> ( );	IContainerObject
<b>IContainerObject</b> ( const IContainerObject & <i>object</i> );	IContainerObject
<b>IContainerObject</b> ( const IResourceId & <i>nameID</i> , const IResourceId & <i>iconID</i> );	IContainerObject
<b>IContainerObject</b> ( const IString & <i>string</i> , const IPointerHandle & <i>iconHandle</i> = )IContainerObject	IContainerObject
<b>IContainerObject</b> ( const IString & <i>string</i> , const IResourceId & <i>iconID</i> );	IContainerObject
<b>IContainerObject</b> ( const IString & <i>string</i> , unsigned long <i>iconID</i> );	IContainerObject
<b>IControl</b> ( );	IControl
<b>IControlEvent</b> ( IEvent & <i>event</i> );	IControlEvent
<b>ICritSec</b> ( );	ICritSec
<b>ICurrentApplication</b> ( );	ICurrentApplication
<b>ICurrentThread</b> ( );	ICurrentThread
<b>IDate</b> ( );	IDate
<b>IDate</b> ( const IDate & <i>aDate</i> );	IDate
<b>IDate</b> ( int <i>aDay</i> , Month <i>aMonth</i> , int <i>aYear</i> );	IDate
<b>IDate</b> ( int <i>aYear</i> , int <i>aDay</i> );	IDate
<b>IDate</b> ( Month <i>aMonth</i> , int <i>aDay</i> , int <i>aYear</i> );	IDate
<b>IDate</b> ( unsigned long <i>julianDayNumber</i> );	IDate
<b>IDBCSBuffer</b> ( unsigned <i>bufLength</i> );	IDBCSBuffer
<b>IDDEAcknowledgeEvent</b> ( const IEvent & <i>ddeEvent</i> );	IDDEAcknowledgeEvent
<b>IDDEAcknowledgeExecuteEvent</b> ( const IEvent & <i>ddeEvent</i> );	IDDEAcknowledgeExecuteEvent
<b>IDDEAcknowledgePokeEvent</b> ( const IEvent & <i>ddeEvent</i> );	IDDEAcknowledgePokeEvent
<b>IDDEActiveServer</b> ( const char * <i>applicationName</i> , const char * <i>topicName</i> , Boolean <i>caseSensitive</i> );	IDDEActiveServer
<b>IDDEActiveServerSet</b> ( );	IDDEActiveServerSet
<b>IDDEBeginEvent</b> ( const IEvent & <i>ddeBeginEvent</i> );	IDDEBeginEvent
<b>IDDEClientAcknowledgeEvent</b> ( const IEvent & <i>ddeEvent</i> );	IDDEClientAcknowledgeEvent
<b>IDDEClientConversation</b> ( Boolean <i>useEventThread</i> = true );	IDDEClientConversation

## User Interface Library - Constructors

Member Function	Class
<b>IDDEClientConversation</b> ( const char *applicationName, const char *topicName, Boolean useEventThread = true );	IDDEClientConversation
<b>IDDEClientEndEvent</b> ( const IEvent &ddeEvent, Source endSource, IString applicationName, IString topic );	IDDEClientEndEvent
<b>IDDEClientHotLinkEvent</b> ( const IEvent &ddeEvent );	IDDEClientHotLinkEvent
<b>IDDEClientHotLinkSet</b> ( );	IDDEClientHotLinkSet
<b>IDDEDataEvent</b> ( const IEvent &ddeEvent );	IDDEDataEvent
<b>IDDEEndEvent</b> ( const IEvent &ddeEvent, Source endSource );	IDDEEndEvent
<b>IDDEEvent</b> ( const IEvent &ddeEvent );	IDDEEvent
<b>IDDEExecuteEvent</b> ( const IEvent &ddeEvent );	IDDEExecuteEvent
<b>IDDEPokeEvent</b> ( const IEvent &ddeEvent );	IDDEPokeEvent
<b>IDDERequestDataEvent</b> ( const IEvent &ddeEvent );	IDDERequestDataEvent
<b>IDDEServerAcknowledgeEvent</b> ( const IEvent &ddeEvent );	IDDEServerAcknowledgeEvent
<b>IDDEServerHotLinkEvent</b> ( const IEvent &ddeEvent );	IDDEServerHotLinkEvent
<b>IDDESetAcknowledgeInfoEvent</b> ( const IEvent &ddeEvent );	IDDESetAcknowledgeInfoEvent
<b>IDDETopicServer</b> ( const char *applicationName, const char *supportedTopic, IFrameWindow *owner = , Boolean useEventThread = true );	IDDETopicServer
<b>IDeviceColor</b> ( DeviceColor );	IDeviceColor
<b>IDeviceError</b> ( const char *errorText, unsigned long errorId, Severity severity = IException::unrecoverable );	IDeviceError
<b>IDrawItemEvent</b> ( IEvent &event );	IDrawItemEvent
<b>IDynamicLinkLibrary</b> ( const char *resourceFileName );	IDynamicLinkLibrary
<b>IDynamicLinkLibrary</b> ( const IDynamicLinkLibrary &dllLibrary );	IDynamicLinkLibrary
<b>IDynamicLinkLibrary</b> ( const IModuleHandle &moduleHandle );	IDynamicLinkLibrary
<b>IEntryField</b> ( );	IEntryField
<b>IEntryField</b> ( IWindowHandle handle );	IEntryField
<b>IEntryField</b> ( unsigned long id, IWindow *parent );	IEntryField
<b>IEntryField</b> ( unsigned long id, IWindow *parent, IWindow *owner, const IRectangle &initial = IRectangle ( ), const Style &style = defaultStyle ( ) );	IEntryField
<b>IEnumHandle</b> ( Value henum = );	IEnumHandle
<b>IEvent</b> ( const IHandle &handle, unsigned long eventId, const IEventParameter1 &parameter1, const IEventParameter2 &parameter2 );	IEvent
<b>IEvent</b> ( IWindow *window, unsigned long eventId, const IEventParameter1 &parameter1, const IEventParameter2 &parameter2 );	IEvent
<b>IEventData</b> ( );	IEventData
<b>IEventData</b> ( int value );	IEventData
<b>IEventData</b> ( unsigned long value );	IEventData
<b>IEventData</b> ( unsigned short lowValue, char lowByte, char hiByte );	IEventData
<b>IEventData</b> ( unsigned short lowValue, unsigned short hiValue );	IEventData

## User Interface Library - Constructors

Member Function	Class
<b>IEventData</b> ( void *value );	IEventData
<b>IException</b> ( const char *errorText, unsigned long errorId = , Severity severity = IException::unrecoverable );	IException
<b>IException</b> ( const IException &exception );	IException
<b>IExceptionLocation</b> ( const char *fileName = , const char *functionName = , unsigned long lineNumber = );	IExceptionLocation
<b>IFileDialog</b> ( IWindow *parent, IWindow *owner, const Settings &settings, Style style = defaultStyle ( ) );	IFileDialog
<b>IFileDialog</b> ( IWindow *parent, IWindow *owner, IHandler *handler, Style style = defaultStyle ( ), const Settings &settings = Settings ( ) );	IFileDialog
<b>IFileDialog</b> ( IWindow *parent, IWindow *owner, Style style = defaultStyle ( ) );	IFileDialog
<b>IFileDialog</b> ( IWindow *parent, IWindow *owner, Style style, const Settings &settings );	IFileDialog
<b>IFileDialogEvent</b> ( IEvent &event );	IFileDialogEvent
<b>IFont</b> ( const char *faceName, unsigned long ulPointSize = , Boolean useFixedFont = false, Boolean useVectorFont = false );	IFont
<b>IFont</b> ( const IFont &fntCopy );	IFont
<b>IFont</b> ( const IPresSpaceHandle &presSpace );	IFont
<b>IFont</b> ( const IWindow *window = );	IFont
<b>IFontDialog</b> ( IWindow *parent, IWindow *owner, const Settings &settings, Style style = defaultStyle ( ) );	IFontDialog
<b>IFontDialog</b> ( IWindow *parent, IWindow *owner, IHandler *handler, Style style = defaultStyle ( ), const Settings &settings = Settings ( ) );	IFontDialog
<b>IFontDialog</b> ( IWindow *parent, IWindow *owner, Style style = defaultStyle ( ) );	IFontDialog
<b>IFontDialog</b> ( IWindow *parent, IWindow *owner, Style style, const Settings &settings );	IFontDialog
<b>IFontDialogHandler</b> ( );	IFontDialogHandler
<b>IFrameEvent</b> ( const IEvent &baseEvent );	IFrameEvent
<b>IFrameExtension</b> ( IWindow *window, IFrameWindow::Location location, double percentage, IFrameWindow::SeparatorType separator );	IFrameExtension
<b>IFrameExtension</b> ( IWindow *window, IFrameWindow::Location location, unsigned long widthOrHeight, IFrameWindow::SeparatorType separator );	IFrameExtension
<b>IFrameFormatEvent</b> ( const IEvent &baseEvent );	IFrameFormatEvent
<b>IFrameWindow</b> ( const char *title, const IResourceId &resId = IC_DEFAULT_FRAME_ID, const IFrameWindow::Style &style = defaultStyle ( ) );	IFrameWindow
<b>IFrameWindow</b> ( const IFrameWindow::Style &style, const IResourceId &resId = IC_DEFAULT_FRAME_ID );	IFrameWindow
<b>IFrameWindow</b> ( const IResourceId &resId, const IFrameWindow::Style &style );	IFrameWindow
<b>IFrameWindow</b> ( const IResourceId &resId, IWindow *owner = );	IFrameWindow
<b>IFrameWindow</b> ( const IResourceId &resId, IWindow *parent, IWindow *owner );	IFrameWindow
<b>IFrameWindow</b> ( const IResourceId &resId, IWindow *parent, IWindow *owner, const IRectangle &initRect, const IFrameWindow::Style &style = defaultStyle ( ), const char *title = );	IFrameWindow

## User Interface Library - Constructors

Member Function	Class
<b>IFrameWindow</b> ( const IWindowHandle &hwnd );	IFrameWindow
<b>IFrameWindow</b> ( unsigned long id = IC_DEFAULT_FRAME_ID );	IFrameWindow
<b>IGroupBox</b> ( IWindowHandle handle );	IGroupBox
<b>IGroupBox</b> ( unsigned long id, IWindow *parent, IWindow *owner, const IRectangle &initial = IRectangle ( ), const Style &style = defaultStyle ( ) );	IGroupBox
<b>IGroupBox</b> ( unsigned long id, IWindow *parentDialog );	IGroupBox
<b>IGUIColor</b> ( SysColor value );	IGUIColor
<b>IGUIErrorInfo</b> ( const char *GUIFunctionName = );	IGUIErrorInfo
<b>IHandle</b> ( Value value );	IHandle
<b>IHandler</b> ( );	IHandler
<b>IHelpErrorEvent</b> ( IEvent &event );	IHelpErrorEvent
<b>IHelpHyperTextEvent</b> ( IEvent &event );	IHelpHyperTextEvent
<b>IHelpMenuBarEvent</b> ( IEvent &event );	IHelpMenuBarEvent
<b>IHelpNotifyEvent</b> ( IEvent &event );	IHelpNotifyEvent
<b>IHelpSubItemNotFoundEvent</b> ( IEvent &event );	IHelpSubItemNotFoundEvent
<b>IHelpTutorialEvent</b> ( IEvent &event );	IHelpTutorialEvent
<b>IHelpWindow</b> ( const IResourceId &helpTable, IFrameWindow *helpEventReceiver = );	IHelpWindow
<b>IHelpWindow</b> ( const IWindowHandle &helpWindowHandle );	IHelpWindow
<b>IHelpWindow</b> ( IFrameWindow *helpEventReceiver = );	IHelpWindow
<b>IHelpWindow</b> ( IHelpWindow::Settings initialSettings:epv, IFrameWindow *helpEventReceiver );	IHelpWindow
<b>IIconControl</b> ( IWindowHandle handle );	IIconControl
<b>IIconControl</b> ( unsigned long Id, IWindow *parent, IWindow *owner, const IResourceId &iconId, const IRectangle &initial = IRectangle ( ), const Style &style = defaultStyle ( ) );	IIconControl
<b>IIconControl</b> ( unsigned long Id, IWindow *parent, IWindow *owner, IPointerHandle iconId, const IRectangle &initial = IRectangle ( ), const Style &style = defaultStyle ( ) );	IIconControl
<b>IIconControl</b> ( unsigned long Id, IWindow *parent, IWindow *owner, ISystemPointerHandle::Identifier icon, const IRectangle &initial = IRectangle ( ), const Style &style = defaultStyle ( ) );	IIconControl
<b>IIconControl</b> ( unsigned long Id, IWindow *parentDialog );	IIconControl
<b>IInfoArea</b> ( IFrameWindow *frame, const char *resDLLName, unsigned long id = );	IInfoArea
<b>IInfoArea</b> ( IFrameWindow *frame, const IModuleHandle &resMod, unsigned long idInfoArea );	IInfoArea
<b>IInfoArea</b> ( IFrameWindow *frame, unsigned long id = );	IInfoArea
<b>IInfoArea</b> ( IFrameWindow *frame, unsigned long id, const char *resDLLName );	IInfoArea
<b>IInvalidParameter</b> ( const char *errorText, unsigned long errorId, Severity severity = IException::unrecoverable );	IInvalidParameter
<b>IInvalidRequest</b> ( const char *errorText, unsigned long errorId, Severity severity = IException::unrecoverable );	IInvalidRequest

## User Interface Library - Constructors

Member Function	Class
<b>IKeyboardEvent</b> ( IEvent &event );	IKeyboardEvent
<b>IListBox</b> ( IWindowHandle handle );	IListBox
<b>IListBox</b> ( unsigned long id, IWindow *parent );	IListBox
<b>IListBox</b> ( unsigned long id, IWindow *parent, IWindow *owner, const IRectangle &initial = IRectangle ( ), const Style &style = defaultStyle ( ) );	IListBox
<b>IListBoxDrawItemEvent</b> ( IEvent &event );	IListBoxDrawItemEvent
<b>IListBoxDrawItemHandler</b> ( );	IListBoxDrawItemHandler
<b>IMenu</b> ( );	IMenu
<b>IMenuBar</b> ( const IResourceId &menuResId, IFrameWindow *owner );	IMenuBar
<b>IMenuBar</b> ( IFrameWindow *owner, const Style &style );	IMenuBar
<b>IMenuBar</b> ( IFrameWindow *owner );	IMenuBar
<b>IMenuDrawItemEvent</b> ( IEvent &event );	IMenuDrawItemEvent
<b>IMenuDrawItemHandler</b> ( );	IMenuDrawItemHandler
<b>IMenuEvent</b> ( IEvent &event );	IMenuEvent
<b>IMenuHandler</b> ( );	IMenuHandler
<b>MenuItem</b> ( unsigned long itemId, const Style &style = defaultStyle ( ), const Attribute &attribute = defaultAttribute ( ) );	MenuItem
<b>IMessageBox</b> ( const IWindow *aOwner );	IMessageBox
<b>IMessageQueueHandle</b> ( Value hmq = );	IMessageQueueHandle
<b>IMessageText</b> ( const IMessageText &text );	IMessageText
<b>IMessageText</b> ( unsigned long messageId, const char *messageFileName, const char *textInsert1 = , const char *textInsert2 = , const char *textInsert3 = , const char *textInsert4 = , const char *textInsert5 = , const char *textInsert6 = , const char *textInsert7 = , const char *textInsert8 = , const char *textInsert9 = );	IMessageText
<b>IModuleHandle</b> ( Value hmod = );	IModuleHandle
<b>IMouseClickEvent</b> ( IEvent &event );	IMouseClickEvent
<b>IMouseClickHandler</b> ( );	IMouseClickHandler
<b>IMultiCellCanvas</b> ( unsigned long windowIdentifier, IWindow *parent, IWindow *owner, const IRectangle &initialSize = IRectangle ( ), const Style &style = IWindow::visible );	IMultiCellCanvas
<b>IMultiLineEdit</b> ( IWindowHandle handle );	IMultiLineEdit
<b>IMultiLineEdit</b> ( unsigned long id, IWindow *parent );	IMultiLineEdit
<b>IMultiLineEdit</b> ( unsigned long id, IWindow *parent, IWindow *owner, const IRectangle &initial = IRectangle ( ), const Style &style = defaultStyle ( ) );	IMultiLineEdit
<b>INotebook</b> ( const IWindowHandle &handle );	INotebook
<b>INotebook</b> ( unsigned long windowId, IWindow *parent, IWindow *owner, const IRectangle &initial = IRectangle ( ), const Style &style = defaultStyle ( ) );	INotebook

## User Interface Library - Constructors

Member Function	Class
<b>INotebook</b> ( unsigned long <i>windowId</i> , IWindow * <i>parentAndOwner</i> );	INotebook
<b>INotebookDrawItemEvent</b> ( IEvent & <i>event</i> );	INotebookDrawItemEvent
<b>IObjectWindow</b> ( );	IObjectWindow
<b>IOutlineBox</b> ( IWindowHandle <i>handle</i> );	IOutlineBox
<b>IOutlineBox</b> ( unsigned long <i>id</i> , IWindow * <i>parent</i> , IWindow * <i>owner</i> , const IRectangle & <i>initial</i> = IRectangle ( ), const Style & <i>style</i> = defaultStyle ( ) );	IOutlineBox
<b>IOutlineBox</b> ( unsigned long <i>id</i> , IWindow * <i>parentDialog</i> );	IOutlineBox
<b>IOutOfMemory</b> ( const char * <i>errorText</i> , unsigned long <i>errorId</i> , Severity <i>severity</i> = IException::unrecoverable );	IOutOfMemory
<b>IOutOfSystemResource</b> ( const char * <i>errorText</i> , unsigned long <i>errorId</i> , Severity <i>severity</i> = IException::unrecoverable );	IOutOfSystemResource
<b>IOutOfWindowResource</b> ( const char * <i>errorText</i> , unsigned long <i>errorId</i> , Severity <i>severity</i> = IException::unrecoverable );	IOutOfWindowResource
<b>IPageEvent</b> ( IControlEvent & <i>controlEvent</i> );	IPageEvent
<b>IPageEvent</b> ( IEvent & <i>event</i> );	IPageEvent
<b>IPageHandle</b> ( Value <i>pageId</i> = );	IPageHandle
<b>IPageHelpEvent</b> ( IControlEvent & <i>controlEvent</i> );	IPageHelpEvent
<b>IPageHelpEvent</b> ( IEvent & <i>event</i> );	IPageHelpEvent
<b>IPageHelpEvent</b> ( IPageEvent & <i>pageEvent</i> );	IPageHelpEvent
<b>IPageRemoveEvent</b> ( IControlEvent & <i>controlEvent</i> );	IPageRemoveEvent
<b>IPageRemoveEvent</b> ( IEvent & <i>event</i> );	IPageRemoveEvent
<b>IPageRemoveEvent</b> ( IPageEvent & <i>pageEvent</i> );	IPageRemoveEvent
<b>IPageSelectEvent</b> ( IControlEvent & <i>controlEvent</i> );	IPageSelectEvent
<b>IPageSelectEvent</b> ( IEvent & <i>event</i> );	IPageSelectEvent
<b>IPageSelectEvent</b> ( IPageEvent & <i>pageEvent</i> );	IPageSelectEvent
<b>IPaintEvent</b> ( IEvent & <i>event</i> );	IPaintEvent
<b>IPair</b> ( );	IPair
<b>IPair</b> ( Coord <i>coord1</i> , Coord <i>coord2</i> );	IPair
<b>IPair</b> ( Coord <i>init</i> );	IPair
<b>IPoint</b> ( );	IPoint
<b>IPoint</b> ( const IPair & <i>pair</i> );	IPoint
<b>IPoint</b> ( const struct _POINTL & <i>ptl</i> );	IPoint
<b>IPoint</b> ( Coord <i>x</i> , Coord <i>y</i> );	IPoint
<b>IPointerHandle</b> ( const IPointerHandle & <i>aHandle</i> );	IPointerHandle
<b>IPointerHandle</b> ( Value <i>hpointer</i> = );	IPointerHandle
<b>IPopUpMenu</b> ( const IResourceId & <i>menuResId</i> , IWindow * <i>owner</i> );	IPopUpMenu
<b>IPopUpMenu</b> ( IWindow * <i>owner</i> , unsigned long <i>menuWindowId</i> , const Style & <i>style</i> = defaultStyle ( ) );	IPopUpMenu
<b>IPresSpaceHandle</b> ( Value <i>hps</i> = );	IPresSpaceHandle

## User Interface Library - Constructors

Member Function	Class
<b>IPrivateResource</b> ( );	IPrivateResource
<b>IProcedureAddress</b> ( const char *entryPoint, const char *dllName );	IProcedureAddress
<b>IProcedureAddress</b> ( const char *entryPoint, IDynamicLinkLibrary &aDLL );	IProcedureAddress
<b>IProcedureAddress</b> ( unsigned long ordinal, const char *dllName );	IProcedureAddress
<b>IProcedureAddress</b> ( unsigned long ordinal, IDynamicLinkLibrary &aDLL );	IProcedureAddress
<b>IProcessId</b> ( Value pid = );	IProcessId
<b>IProfile</b> ( const char *profileName );	IProfile
<b>IProfile</b> ( const IProfile &aProfile );	IProfile
<b>IProfileHandle</b> ( Value hini = );	IProfileHandle
<b>IProgressIndicator</b> ( );	IProgressIndicator
<b>IProgressIndicator</b> ( const IWindowHandle &handle );	IProgressIndicator
<b>IProgressIndicator</b> ( unsigned long windowId, IWindow *parent );	IProgressIndicator
<b>IProgressIndicator</b> ( unsigned long windowId, IWindow *parent, IWindow *owner, const IRectangle &initial, unsigned long numberOfTicks, unsigned long tickSpacing = , const Style &style = defaultStyle ( ) );	IProgressIndicator
<b>IProgressIndicator</b> ( unsigned long windowId, IWindow *parent, IWindow *owner, const IRectangle &initial, unsigned long scale1NumberOfTicks, unsigned long scale1TickSpacing, unsigned long scale2NumberOfTicks, unsigned long scale2TickSpacing = , const Style &style = defaultStyle ( ) );	IProgressIndicator
<b>IPushButton</b> ( IWindowHandle handle );	IPushButton
<b>IPushButton</b> ( unsigned long id, IWindow *parent, IWindow *owner, const IRectangle &initial = IRectangle ( ), const Style &style = defaultStyle ( ) );	IPushButton
<b>IPushButton</b> ( unsigned long id, IWindow *parentDialog );	IPushButton
<b>IRadioButton</b> ( IWindowHandle handle );	IRadioButton
<b>IRadioButton</b> ( unsigned long id, IWindow *parent, IWindow *owner, const IRectangle &initial = IRectangle ( ), const Style &style = defaultStyle ( ) );	IRadioButton
<b>IRadioButton</b> ( unsigned long id, IWindow *parentDialog );	IRadioButton
<b>IRange</b> ( );	IRange
<b>IRange</b> ( const IPair &aPair );	IRange
<b>IRange</b> ( Coord lower, Coord upper );	IRange
<b>IRectangle</b> ( );	IRectangle
<b>IRectangle</b> ( const IPair &aPair );	IRectangle
<b>IRectangle</b> ( const IPoint &pt, const ISize &size );	IRectangle
<b>IRectangle</b> ( const IPoint &pt1, const IPoint &pt2 );	IRectangle
<b>IRectangle</b> ( const struct _RECTL &rectl );	IRectangle
<b>IRectangle</b> ( Coord left, Coord bottom, Coord right, Coord top );	IRectangle
<b>IRectangle</b> ( Coord width, Coord height );	IRectangle
<b>IRefCounted</b> ( );	IRefCounted
<b>IReference</b> ( const IReference < T > &source );	IReference

## User Interface Library - Constructors

Member Function	Class
<b>IReference</b> ( T *p = );	IReference
<b>IResizeEvent</b> ( IEvent &event );	IResizeEvent
<b>IResource</b> ( );	IResource
<b>IResourceExhausted</b> ( const char *errorText, unsigned long errorId, Severity severity = IException::unrecoverable );	IResourceExhausted
<b>IResourceId</b> ( unsigned long resourceId );	IResourceId
<b>IResourceId</b> ( unsigned long resourceId, const IDynamicLinkLibrary &dllLibrary );	IResourceId
<b>IResourceId</b> ( unsigned long resourceId, const IResourceLibrary &resourceLibrary );	IResourceId
<b>IResourceLibrary</b> ( );	IResourceLibrary
<b>IResourceLock</b> ( IResource &resource, long timeOut = -1 );	IResourceLock
<b>IScrollBar</b> ( IWindowHandle handle );	IScrollBar
<b>IScrollBar</b> ( unsigned long windowId, IWindow *parent );	IScrollBar
<b>IScrollBar</b> ( unsigned long windowId, IWindow *parent, IWindow *owner, const IRange &scrollableItems, unsigned long visibleItemCount, unsigned long scrollBoxPosition = 1, const IRectangle &initial = IRectangle ( ), const Style &style = defaultStyle ( ) );	IScrollBar
<b>IScrollBar</b> ( unsigned long windowId, IWindow *parent, IWindow *owner, const IRectangle &initial = IRectangle ( ), const Style &style = defaultStyle ( ) );	IScrollBar
<b>IScrollEvent</b> ( IEvent &event );	IScrollEvent
<b>ISemaphoreHandle</b> ( Value hsem = );	ISemaphoreHandle
<b>ISetCanvas</b> ( unsigned long id, IWindow *parent, IWindow *owner, const IRectangle &initial = IRectangle ( ), const Style &style = defaultStyle ( ) );	ISetCanvas
<b>ISettingButton</b> ( );	ISettingButton
<b>ISharedResource</b> ( const char *keyName );	ISharedResource
<b>ISize</b> ( );	ISize
<b>ISize</b> ( const IPair &pair );	ISize
<b>ISize</b> ( const struct _RECTL &rc1 );	ISize
<b>ISize</b> ( const struct _SIZEL &sz1 );	ISize
<b>ISize</b> ( Coord width, Coord height );	ISize
<b>ISlider</b> ( const IWindowHandle &handle );	ISlider
<b>ISlider</b> ( unsigned long windowId, IWindow *parent );	ISlider
<b>ISlider</b> ( unsigned long windowId, IWindow *parent, IWindow *owner, const IRectangle &initial, unsigned long numberOfTicks, unsigned long tickSpacing = , const Style &style = defaultStyle ( ) );	ISlider
<b>ISlider</b> ( unsigned long windowId, IWindow *parent, IWindow *owner, const IRectangle &initial, unsigned long scale1NumberOfTicks, unsigned long scale1TickSpacing, unsigned long scale2NumberOfTicks, unsigned long scale2TickSpacing = , const Style &style = defaultStyle ( ) );	ISlider
<b>ISliderDrawHandler</b> ( );	ISliderDrawHandler
<b>ISpinButton</b> ( const IWindowHandle &handle );	ISpinButton



## User Interface Library - Constructors

Member Function	Class
<b>ISpinButton</b> ( unsigned long <i>id</i> , IWindow * <i>parent</i> , IWindow * <i>owner</i> , const IRectangle & <i>initial</i> = IRectangle ( ), const Style & <i>style</i> = defaultStyle ( ) );	ISpinButton
<b>ISpinButton</b> ( unsigned long <i>id</i> , IWindow * <i>parentDialog</i> );	ISpinButton
<b>ISplitCanvas</b> ( unsigned long <i>windowId</i> , IWindow * <i>parent</i> , IWindow * <i>owner</i> , const IRectangle & <i>initialSize</i> = IRectangle ( ), const Style & <i>style</i> = defaultStyle ( ) );	ISplitCanvas
<b>IStaticText</b> ( IWindowHandle <i>handle</i> );	IStaticText
<b>IStaticText</b> ( unsigned long <i>id</i> , IWindow * <i>parent</i> );	IStaticText
<b>IStaticText</b> ( unsigned long <i>id</i> , IWindow * <i>parent</i> , IWindow * <i>owner</i> , const IRectangle & <i>initial</i> = IRectangle ( ), const Style & <i>style</i> = defaultStyle ( ) );	IStaticText
<b>IString</b> ( );	IString
<b>IString</b> ( char );	IString
<b>IString</b> ( const char * );	IString
<b>IString</b> ( const IString & );	IString
<b>IString</b> ( const signed char * );	IString
<b>IString</b> ( const unsigned char * );	IString
<b>IString</b> ( const void * <i>pBuffer1</i> , unsigned <i>lenBuffer1</i> , char <i>padCharacter</i> = ' ' );	IString
<b>IString</b> ( const void * <i>pBuffer1</i> , unsigned <i>lenBuffer1</i> , const void * <i>pBuffer2</i> , unsigned <i>lenBuffer2</i> , char <i>padCharacter</i> = ' ' );	IString
<b>IString</b> ( const void * <i>pBuffer1</i> , unsigned <i>lenBuffer1</i> , const void * <i>pBuffer2</i> , unsigned <i>lenBuffer2</i> , const void * <i>pBuffer3</i> , unsigned <i>lenBuffer3</i> , char <i>padCharacter</i> = ' ' );	IString
<b>IString</b> ( double );	IString
<b>IString</b> ( int );	IString
<b>IString</b> ( long );	IString
<b>IString</b> ( short );	IString
<b>IString</b> ( signed char );	IString
<b>IString</b> ( unsigned );	IString
<b>IString</b> ( unsigned char );	IString
<b>IString</b> ( unsigned long );	IString
<b>IString</b> ( unsigned short );	IString
<b>IStringHandle</b> ( Value <i>hstr</i> = );	IStringHandle
<b>IStringTest</b> ( CFunction & <i>cFunc</i> );	IStringTest
<b>IStringTest</b> ( FnType <i>type</i> , void * <i>userData</i> );	IStringTest
<b>IStringTestMemberFn</b> ( const T & <i>object</i> , ConstFn <i>constFn</i> );	IStringTestMemberFn
<b>IStringTestMemberFn</b> ( T & <i>object</i> , NonconstFn <i>nonconstFn</i> );	IStringTestMemberFn
<b>ISubMenu</b> ( const IWindowHandle & <i>subMenuHandle</i> );	ISubMenu
<b>ISWPArray</b> ( ISWP * <i>array</i> , unsigned <i>dimension</i> );	ISWPArray
<b>ISystemBitmapHandle</b> ( Identifier <i>bitmapId</i> );	ISystemBitmapHandle

## User Interface Library - Constructors

Member Function	Class
<b>ISystemErrorInfo</b> ( unsigned long <i>systemErrorId</i> , const char * <i>systemFunctionName</i> = ISystemErrorInfo	ISystemErrorInfo
<b>ISystemMenu</b> ( IFrameWindow * <i>owner</i> );	ISystemMenu
<b>ISystemPointerHandle</b> ( Identifier <i>pointerId</i> , Boolean <i>makeCopy</i> = false );	ISystemPointerHandle
<b>Iterator</b> ( );	IContainerControl::Iterator
<b>ITextControl</b> ( );	ITextControl
<b>IThread</b> ( );	IThread
<b>IThread</b> ( const IReference < IThreadFn > & <i>aFnObjRef</i> , Boolean <i>autoInitPM</i> = IThread::defaultAutoInitPM ( ) );	IThread
<b>IThread</b> ( const IThread & <i>aThread</i> );	IThread
<b>IThread</b> ( const IThreadId & <i>anID</i> );	IThread
<b>IThread</b> ( OptlinkFnPtr <i>pfn</i> , void * <i>anArg</i> , Boolean <i>autoInitPM</i> = IThread::defaultAutoInitPM ( ) );	IThread
<b>IThread</b> ( SystemFnPtr <i>pfn</i> , unsigned long <i>anArg</i> , Boolean <i>autoInitPM</i> = IThread::defaultAutoInitPM ( ) );	IThread
<b>IThreadId</b> ( Value <i>tid</i> = );	IThreadId
<b>IThreadMemberFn</b> ( T & <i>obj</i> , );	IThreadMemberFn
<b>ITime</b> ( );	ITime
<b>ITime</b> ( const ITime & <i>aTime</i> );	ITime
<b>ITime</b> ( long <i>seconds</i> );	ITime
<b>ITime</b> ( unsigned <i>hours</i> , unsigned <i>minutes</i> , unsigned <i>seconds</i> = );	ITime
<b>ITitle</b> ( IWindow * <i>owner</i> , const char * <i>objectName</i> = , const char * <i>viewName</i> = ,ITitle unsigned long <i>viewNumber</i> = );	ITitle
<b>ITitle</b> ( IWindow * <i>owner</i> , const IResourceId & <i>objectNameResId</i> , const IResourceId & <i>viewNameResId</i> = , unsigned long <i>viewNum</i> = );	ITitle
<b>ITrace</b> ( const char * <i>traceName</i> = , long <i>lineNumber</i> = );	ITrace
<b>IViewport</b> ( unsigned long <i>windowId</i> , IWindow * <i>parent</i> , IWindow * <i>owner</i> , const IRectangle & <i>initial</i> = IRectangle ( ), const Style & <i>style</i> = defaultStyle ( ) );	IViewport
<b>IWindow</b> ( );	IWindow
<b>IWindowHandle</b> ( Value <i>hwnd</i> = );	IWindowHandle
<b>IString</b> ( );	IString
<b>IString</b> ( char );	IString
<b>IString</b> ( const char * );	IString
<b>IString</b> ( const IString & <i>aString</i> );	IString
<b>IString</b> ( const signed char * );	IString
<b>IString</b> ( const unsigned char * );	IString
<b>IString</b> ( const void * <i>pBuffer1</i> , unsigned <i>lenBuffer1</i> , char <i>padCharacter</i> = ' ' );	IString
<b>IString</b> ( const void * <i>pBuffer1</i> , unsigned <i>lenBuffer1</i> , const void * <i>pBuffer2</i> , unsigned <i>lenBuffer2</i> , char <i>padCharacter</i> = ' ' );	IString

## User Interface Library - Constructors

Member Function	Class
<b>IString</b> ( const void * <i>pBuffer1</i> , unsigned <i>lenBuffer1</i> , const void * <i>pBuffer2</i> , unsigned <i>lenBuffer2</i> , const void * <i>pBuffer3</i> , unsigned <i>lenBuffer3</i> , char <i>padCharacter</i> = ' ' );	IString
<b>IString</b> ( double );	IString
<b>IString</b> ( int );	IString
<b>IString</b> ( long );	IString
<b>IString</b> ( short );	IString
<b>IString</b> ( signed char );	IString
<b>IString</b> ( unsigned );	IString
<b>IString</b> ( unsigned char );	IString
<b>IString</b> ( unsigned long );	IString
<b>IString</b> ( unsigned short );	IString
<b>I3StateCheckBox</b> ( IWindowHandle <i>handle</i> );	I3StateCheckBox
<b>I3StateCheckBox</b> ( unsigned long <i>id</i> , IWindow * <i>parent</i> , IWindow * <i>owner</i> , const IRectangle & <i>initial</i> = IRectangle ( ), const Style & <i>style</i> = defaultStyle ( ) );	I3StateCheckBox
<b>I3StateCheckBox</b> ( unsigned long <i>id</i> , IWindow * <i>parentDialog</i> );	I3StateCheckBox
<b>ObjectCursor</b> ( const IContainerControl & <i>container</i> , const IContainerObject * <i>parentObject</i> );	IContainerControl::ObjectCursor
<b>ObjectCursor</b> ( const IContainerControl & <i>container</i> , IContainerObject::Emphasis <i>emphasis</i> = IContainerObject::none, EnumerationOrder <i>enumeration</i> = itemOrder );	IContainerControl::ObjectCursor
<b>PageSettings</b> ( );	INotebook::PageSettings
<b>PageSettings</b> ( Attribute <i>attribute</i> );	INotebook::PageSettings
<b>PageSettings</b> ( const char * <i>tabText</i> , const char * <i>statusText</i> = , Attribute <i>pageAttribute</i> = noAttribute );	INotebook::PageSettings
<b>PageSettings</b> ( const IBitmapHandle & <i>tabBitmap</i> , const char * <i>statusText</i> = , Attribute <i>pageAttribute</i> = noAttribute );	INotebook::PageSettings
<b>Settings</b> ( );	IFileDialog::Settings, IHelpWindow::Settings
<b>Settings</b> ( IFont * <i>font</i> = );	IFontDialog::Settings
<b>TextCursor</b> ( const IContainerControl & <i>container</i> , const char * <i>text</i> , Boolean <i>isCaseSensitive</i> = true, Boolean <i>isFirstInRecord</i> = false, Boolean <i>isExactMatch</i> = false );	IContainerControl::TextCursor

## User Interface Library - Destructors

### Destructors

Member Function	Class
<code>~ChildCursor ( );</code>	<code>IWindow::ChildCursor</code>
<code>~Accelerator ( );</code>	<code>IAccelerator</code>
<code>virtual ~BitmapControl ( );</code>	<code>IBitmapControl</code>
<code>~BitmapHandle ( );</code>	<code>IBitmapHandle</code>
<code>~Buffer ( );</code>	<code>IBuffer</code>
<code>virtual ~Canvas ( );</code>	<code>ICanvas</code>
<code>virtual ~ComboBox ( );</code>	<code>IComboBox</code>
<code>virtual ~ContainerColumn ( );</code>	<code>IContainerColumn</code>
<code>virtual ~ContainerControl ( );</code>	<code>IContainerControl</code>
<code>virtual ~ContainerObject ( );</code>	<code>IContainerObject</code>
<code>virtual ~Control ( ) = ;</code>	<code>IControl</code>
<code>~CriticalSection ( );</code>	<code>ICritSec</code>
<code>~IDDEActiveServerSet ( );</code>	<code>IDDEActiveServerSet</code>
<code>virtual ~IDDEClientConversation ( );</code>	<code>IDDEClientConversation</code>
<code>~IDDEClientHotLinkSet ( );</code>	<code>IDDEClientHotLinkSet</code>
<code>virtual ~IDDETopicServer ( );</code>	<code>IDDETopicServer</code>
<code>virtual ~IDynamicLinkLibrary ( );</code>	<code>IDynamicLinkLibrary</code>
<code>virtual ~Exception ( );</code>	<code>IException</code>
<code>~FileDialog ( );</code>	<code>IFileDialog</code>
<code>virtual ~FileDialogHandler ( );</code>	<code>IFileDialogHandler</code>
<code>virtual ~Font ( );</code>	<code>IFont</code>
<code>~FontDialog ( );</code>	<code>IFontDialog</code>
<code>virtual ~FrameWindow ( );</code>	<code>IFrameWindow</code>
<code>virtual ~GUIErrorInfo ( );</code>	<code>IGUIErrorInfo</code>
<code>~Handler ( );</code>	<code>IHandler</code>
<code>virtual ~HelpWindow ( );</code>	<code>IHelpWindow</code>
<code>virtual ~IconControl ( );</code>	<code>IIconControl</code>
<code>virtual ~InfoArea ( );</code>	<code>IInfoArea</code>
<code>virtual ~Menu ( ) = ;</code>	<code>IMenu</code>
<code>virtual ~MenuBar ( );</code>	<code>IMenuBar</code>
<code>~MessageText ( );</code>	<code>IMessageText</code>
<code>virtual ~MultiCellCanvas ( );</code>	<code>IMultiCellCanvas</code>
<code>virtual ~PaintEvent ( );</code>	<code>IPaintEvent</code>
<code>~PointerHandle ( );</code>	<code>IPointerHandle</code>
<code>virtual ~PopupMenu ( );</code>	<code>IPopUpMenu</code>

## User Interface Library - Operators

Member Function	Class
virtual <code>↳IPrivateResource ( )</code> ;	<code>IPrivateResource</code>
virtual <code>↳IProfile ( )</code> ;	<code>IProfile</code>
virtual <code>↳IProgressIndicator ( )</code> ;	<code>IProgressIndicator</code>
<code>↳IRefCounted ( )</code> ;	<code>IRefCounted</code>
<code>↳IReference ( )</code> ;	<code>IReference</code>
<code>↳IResource ( )</code> ;	<code>IResource</code>
<code>↳IResourceLock ( )</code> ;	<code>IResourceLock</code>
virtual <code>↳ISharedResource ( )</code> ;	<code>ISharedResource</code>
virtual <code>↳ISlider ( )</code> ;	<code>ISlider</code>
virtual <code>↳ISpinButton ( )</code> ;	<code>ISpinButton</code>
virtual <code>↳ISplitCanvas ( )</code> ;	<code>ISplitCanvas</code>
virtual <code>↳IStaticText ( )</code> ;	<code>IStaticText</code>
<code>↳IString ( )</code> ;	<code>IString</code>
virtual <code>↳ISubMenu ( )</code> ;	<code>ISubMenu</code>
virtual <code>↳ISystemErrorInfo ( )</code> ;	<code>ISystemErrorInfo</code>
virtual <code>↳ISystemMenu ( )</code> ;	<code>ISystemMenu</code>
virtual <code>↳IThread ( )</code> ;	<code>IThread</code>
<code>↳ITrace ( )</code> ;	<code>ITrace</code>
virtual <code>↳IVBase ( )</code> ;	<code>IVBase</code>
virtual <code>↳IViewPort ( )</code> ;	<code>IViewPort</code>
virtual <code>↳IWindow ( )</code> ;	<code>IWindow</code>
<code>↳Settings ( )</code> ;	<code>IFileDialog::Settings,</code> <code>IFontDialog::Settings</code>

## Operators

Member Function	Class
friend Boolean <code>operator &lt; ( const char *pString1, const IString &amp;string2 )</code> ;	<code>IString</code>
Boolean <code>operator &lt; ( const IDate &amp;aDate ) const</code> ;	<code>IDate</code>
Boolean <code>operator &lt; ( const IPair &amp;aPair ) const</code> ;	<code>IPair</code>
friend Boolean <code>operator &lt; ( const IString &amp;string1, const char *pString2 )</code> ;	<code>IString</code>
friend Boolean <code>operator &lt; ( const IString &amp;string1, const IString &amp;string2 )</code> ;	<code>IString</code>
Boolean <code>operator &lt; ( const ITime &amp;aTime ) const</code> ;	<code>ITime</code>
friend ostream & <code>operator &lt;&lt; ( ostream &amp;aStream, const IBase &amp;anObject )</code> ;	<code>IBase</code>
friend ostream & <code>operator &lt;&lt; ( ostream &amp;aStream, const IDate &amp;aDate )</code> ;	<code>IDate</code>
friend ostream & <code>operator &lt;&lt; ( ostream &amp;aStream, const IHandle &amp;aHandle )</code> ;	<code>IHandle</code>

## User Interface Library - Operators

Member Function	Class
friend ostream & <b>operator</b> << ( ostream &aStream, const IPair &aRectangle );	IPair
friend ostream & <b>operator</b> << ( ostream &aStream, const IRectangle &aRectangle );	IRectangle
friend ostream & <b>operator</b> << ( ostream &aStream, const IString &aString );	IString
friend ostream & <b>operator</b> << ( ostream &aStream, const ITime &aTime );	ITime
friend ostream & <b>operator</b> << ( ostream &aStream, const IVBase &anObject );	IVBase
friend Boolean <b>operator</b> <= ( const char *pString1, const IString &string2 );	IString
Boolean <b>operator</b> <= ( const IDate &aDate ) const;	IDate
Boolean <b>operator</b> <= ( const IPair &aPair ) const;	IPair
friend Boolean <b>operator</b> <= ( const IString &string1, const char *pString2 );	IString
friend Boolean <b>operator</b> <= ( const IString &string1, const IString &string2 );	IString
Boolean <b>operator</b> <= ( const ITime &aTime ) const;	ITime
IString <b>operator</b> + ( const char *pString ) const;	IString
friend IString <b>operator</b> + ( const char *pString, const IString &aString );	IString
friend IPair <b>operator</b> + ( const IPair &pair1, const IPair &pair2 );	IPair
IString <b>operator</b> + ( const IString &aString ) const;	IString
ITime <b>operator</b> + ( const ITime &aTime ) const;	ITime
IDate <b>operator</b> + ( int numDays ) const;	IDate
IString & <b>operator</b> += ( const char *pString );	IString
IPair & <b>operator</b> += ( const IPair &aPair );	IPair
IString & <b>operator</b> += ( const IString &aString );	IString
ITime & <b>operator</b> += ( const ITime &aTime );	ITime
IDate & <b>operator</b> += ( int numDays );	IDate
IString <b>operator</b>   ( const char *pString ) const;	IString
friend IString <b>operator</b>   ( const char *pString, const IString &aString );	IString
IRectangle <b>operator</b>   ( const IRectangle &aRect ) const;	IRectangle
IString <b>operator</b>   ( const IString &aString ) const;	IString
IString & <b>operator</b>  = ( const char *pString );	IString
IRectangle & <b>operator</b>  = ( const IRectangle &aRect );	IRectangle
IString & <b>operator</b>  = ( const IString &aString );	IString
IString <b>operator</b> & ( const char *pString ) const;	IString
friend IString <b>operator</b> & ( const char *pString, const IString &aString );	IString
IRectangle <b>operator</b> & ( const IRectangle &aRect ) const;	IRectangle
IString <b>operator</b> & ( const IString &aString ) const;	IString
IString & <b>operator</b> &= ( const char *pString );	IString
IRectangle & <b>operator</b> &= ( const IRectangle &aRect );	IRectangle
IString & <b>operator</b> &= ( const IString &aString );	IString
IString <b>operator</b> ~ ( ) const;	IString
friend Boolean <b>operator</b> != ( const char *pString1, const IString &string2 );	IString

## User Interface Library - Operators

Member Function	Class
Boolean <b>operator !=</b> ( const IBitFlag & <i>rhs</i> ) const;	IBitFlag
Boolean <b>operator !=</b> ( const IDate & <i>aDate</i> ) const;	IDate
Boolean <b>operator !=</b> ( const IPair & <i>aPair</i> ) const;	IPair
Boolean <b>operator !=</b> ( const IRectangle & <i>aRect</i> ) const;	IRectangle
friend Boolean <b>operator !=</b> ( const IString & <i>string1</i> , const char * <i>pString2</i> );	IString
friend Boolean <b>operator !=</b> ( const IString & <i>string1</i> , const IString & <i>string2</i> );	IString
Boolean <b>operator !=</b> ( const ITime & <i>aTime</i> ) const;	ITime
T & <b>operator *</b> ( ) const;	IReference
friend IPair <b>operator *</b> ( const IPair & <i>pair1</i> , const IPair & <i>pair2</i> );	IPair
friend IPair <b>operator *</b> ( const IPair & <i>pair1</i> , double <i>multiplier</i> );	IPair
IPair & <b>operator *=</b> ( const IPair & <i>aPair</i> );	IPair
IPair & <b>operator *=</b> ( double <i>multiplier</i> );	IPair
IString <b>operator ^</b> ( const char * <i>pString</i> ) const;	IString
friend IString <b>operator ^</b> ( const char * <i>pString</i> , const IString & <i>aString</i> );	IString
IString <b>operator ^</b> ( const IString & <i>aString</i> ) const;	IString
IString & <b>operator ^=</b> ( const char * <i>pString</i> );	IString
IString & <b>operator ^=</b> ( const IString & <i>aString</i> );	IString
IPair <b>operator -</b> ( ) const;	IPair
long <b>operator -</b> ( const IDate & <i>aDate</i> ) const;	IDate
friend IPair <b>operator -</b> ( const IPair & <i>pair1</i> , const IPair & <i>pair2</i> );	IPair
ITime <b>operator -</b> ( const ITime & <i>aTime</i> ) const;	ITime
IDate <b>operator -</b> ( int <i>numDays</i> ) const;	IDate
T * <b>operator -&gt;</b> ( ) const;	IReference
IPair & <b>operator -=</b> ( const IPair & <i>aPair</i> );	IPair
ITime & <b>operator -=</b> ( const ITime & <i>aTime</i> );	ITime
IDate & <b>operator -=</b> ( int <i>numDays</i> );	IDate
friend IPair <b>operator /</b> ( const IPair & <i>pair1</i> , const IPair & <i>pair2</i> );	IPair
friend IPair <b>operator /</b> ( const IPair & <i>pair1</i> , double <i>divisor</i> );	IPair
IPair & <b>operator /=</b> ( const IPair & <i>aPair</i> );	IPair
IPair & <b>operator /=</b> ( double <i>divisor</i> );	IPair
friend IPair <b>operator %</b> ( const IPair & <i>aPair1</i> , long <i>divisor</i> );	IPair
friend IPair <b>operator %</b> ( const IPair & <i>pair1</i> , const IPair & <i>pair2</i> );	IPair
IPair & <b>operator %=</b> ( const IPair & <i>aPair</i> );	IPair
IPair & <b>operator %=</b> ( long <i>divisor</i> );	IPair
friend Boolean <b>operator &gt;</b> ( const char * <i>pString1</i> , const IString & <i>string2</i> );	IString
Boolean <b>operator &gt;</b> ( const IDate & <i>aDate</i> ) const;	IDate
Boolean <b>operator &gt;</b> ( const IPair & <i>aPair</i> ) const;	IPair
friend Boolean <b>operator &gt;</b> ( const IString & <i>string1</i> , const char * <i>pString2</i> );	IString

## User Interface Library - Operators

Member Function	Class
friend Boolean <b>operator &gt;</b> ( const IString &string1, const IString &string2 );	IString
Boolean <b>operator &gt;</b> ( const ITime &aTime ) const;	ITime
friend istream & <b>operator &gt;&gt;</b> ( istream &aStream, IString &aString );	IString
friend Boolean <b>operator &gt;=</b> ( const char *pString1, const IString &string2 );	IString
Boolean <b>operator &gt;=</b> ( const IDate &aDate ) const;	IDate
Boolean <b>operator &gt;=</b> ( const IPair &aPair ) const;	IPair
friend Boolean <b>operator &gt;=</b> ( const IString &string1, const char *pString2 );	IString
friend Boolean <b>operator &gt;=</b> ( const IString &string1, const IString &string2 );	IString
Boolean <b>operator &gt;=</b> ( const ITime &aTime ) const;	ITime
IBitmapHandle & <b>operator =</b> ( const IBitmapHandle &handle );	IBitmapHandle
IDynamicLinkLibrary & <b>operator =</b> ( const IDynamicLinkLibrary &dllLibrary );	IDynamicLinkLibrary
IMessageText & <b>operator =</b> ( const IMessageText &text );	IMessageText
IPointerHandle & <b>operator =</b> ( const IPointerHandle &aHandle );	IPointerHandle
IProfile & <b>operator =</b> ( const IProfile &aProfile );	IProfile
IReference < T > & <b>operator =</b> ( const IReference < T > &source );	IReference
IString & <b>operator =</b> ( const IString &aString );	IString
IThread & <b>operator =</b> ( const IThread &aThread );	IThread
IReference < T > & <b>operator =</b> ( T *p );	IReference
friend Boolean <b>operator ==</b> ( const char *pString1, const IString &string2 );	IString
Boolean <b>operator ==</b> ( const IBitFlag &rhs ) const;	IBitFlag
Boolean <b>operator ==</b> ( const IContainerControl &that );	IContainerControl
Boolean <b>operator ==</b> ( const IContainerObject &object );	IContainerObject
Boolean <b>operator ==</b> ( const IDate &aDate ) const;	IDate
Boolean <b>operator ==</b> ( const IPair &aPair ) const;	IPair
Boolean <b>operator ==</b> ( const IRectangle &aRect ) const;	IRectangle
friend Boolean <b>operator ==</b> ( const IString &string1, const char *pString2 );	IString
friend Boolean <b>operator ==</b> ( const IString &string1, const IString &string2 );	IString
Boolean <b>operator ==</b> ( const ITime &aTime ) const;	ITime
char & <b>operator []</b> ( unsigned index );	IString, I String
const char & <b>operator []</b> ( unsigned index ) const;	IString, I String
ISWP & <b>operator []</b> ( unsigned index );	ISWPArray
<b>operator char *</b> ( ) const;	IEventData, IString
<b>operator const char *</b> ( ) const= ;	IMessageText
virtual <b>operator const char *</b> ( ) const;	IErrorInfo, IGUIErrorInfo, ISystemErrorInfo
void <b>operator delete</b> ( void * );	IContainerObject
void <b>operator delete</b> ( void *p );	IBuffer
void * <b>operator new</b> ( size_t size );	IContainerObject



## User Interface Library - Other Member Functions

Member Function	Class
<code>void * operator new ( size_t t, unsigned bufLen );</code>	IBuffer
<code>operator PtrToFnType ( ) const;</code>	IProcedureAddress
<code>operator signed char * ( ) const;</code>	IString
<code>operator unsigned char * ( ) const;</code>	IString
<code>operator unsigned long ( ) const;</code>	IEventData, IResourceId
<code>operator Value ( ) const;</code>	IHandle

## Other Member Functions

Member Function	Class
<code>virtual Boolean <b>acceptConversation</b> ( unsigned long <i>conversationId</i>, IDDEBeginEvent &amp;<i>event</i> );</code>	IDDETopicServer
<code>virtual void <b>acknowledged</b> ( IDDEClientAcknowledgeEvent &amp;<i>event</i> );</code>	IDDEClientConversation
<code>virtual void <b>acknowledged</b> ( unsigned long <i>conversationId</i>, IDDEServerAcknowledgeEvent &amp;<i>event</i> );</code>	IDDETopicServer
<code>virtual Boolean <b>activated</b> ( IFrameEvent &amp;<i>frameEvent</i> );</code>	IFrameHandler
<code>IMultiLineEdit &amp; <b>add</b> ( char *<i>text</i>, unsigned long <i>textSize</i> = , EOLFormat <i>type</i> = cfText );</code>	IMultiLineEdit
<code>Boolean <b>add</b> ( const char *<i>string</i>, Cursor &amp;<i>cursor</i>, Boolean <i>immediateUpdate</i> = false );</code>	ISpinButton
<code>Boolean <b>add</b> ( const char *<i>strItem</i>, Cursor &amp;<i>cursor</i> );</code>	IComboBox, IListBox
<code>Boolean <b>add</b> ( const IResourceId &amp;<i>resid</i>, Cursor &amp;<i>cursor</i> );</code>	IComboBox, IListBox
<code>unsigned long <b>add</b> ( unsigned long <i>index</i>, const char *<i>text</i> );</code>	IComboBox, IListBox
<code>unsigned long <b>add</b> ( unsigned long <i>index</i>, const IResourceId &amp;<i>resid</i> );</code>	IComboBox, IListBox
<code>unsigned long <b>addAscending</b> ( const char *<i>text</i> );</code>	IComboBox, IListBox
<code>unsigned long <b>addAscending</b> ( const IResourceId &amp;<i>resid</i> );</code>	IComboBox, IListBox
<code>ISpinButton &amp; <b>addAsFirst</b> ( const char *<i>string</i>, Cursor &amp;<i>object</i>, Boolean <i>immediateUpdate</i> = false );</code>	ISpinButton
<code>IComboBox &amp; <b>addAsFirst</b> ( const char *<i>strItem</i>, Cursor &amp;<i>cursor</i> );</code>	IComboBox
<code>IListBox &amp; <b>addAsFirst</b> ( const char *<i>strItem</i>, Cursor &amp;<i>cursor</i> );</code>	IListBox
<code>unsigned long <b>addAsFirst</b> ( const char *<i>text</i> );</code>	IComboBox, IListBox
<code>unsigned long <b>addAsFirst</b> ( const IResourceId &amp;<i>resid</i> );</code>	IComboBox, IListBox
<code>IComboBox &amp; <b>addAsFirst</b> ( const IResourceId &amp;<i>resid</i>, Cursor &amp;<i>cursor</i> );</code>	IComboBox
<code>IListBox &amp; <b>addAsFirst</b> ( const IResourceId &amp;<i>resid</i>, Cursor &amp;<i>cursor</i> );</code>	IListBox
<code>IMultiLineEdit &amp; <b>addAsLast</b> ( char *<i>text</i>, unsigned long <i>textSize</i> = , EOLFormat <i>type</i> = cfText );</code>	IMultiLineEdit
<code>ISpinButton &amp; <b>addAsLast</b> ( const char *<i>string</i>, Cursor &amp;<i>object</i>, Boolean <i>immediateUpdate</i> = false );</code>	ISpinButton
<code>IComboBox &amp; <b>addAsLast</b> ( const char *<i>strItem</i>, Cursor &amp;<i>cursor</i> );</code>	IComboBox

## User Interface Library - Other Member Functions

Member Function	Class
<code>IListBox &amp; addAsLast ( const char *strItem, Cursor &amp;cursor );</code>	<code>IListBox</code>
<code>unsigned long addAsLast ( const char *text );</code>	<code>IComboBox, IListBox</code>
<code>unsigned long addAsLast ( const IResourceId &amp;resid );</code>	<code>IComboBox, IListBox</code>
<code>IComboBox &amp; addAsLast ( const IResourceId &amp;resid, Cursor &amp;cursor );</code>	<code>IComboBox</code>
<code>IListBox &amp; addAsLast ( const IResourceId &amp;resid, Cursor &amp;cursor );</code>	<code>IListBox</code>
<code>ISpinButton &amp; addAsNext ( const char *string, Cursor &amp;cursor, Boolean immediateUpdate = false );</code>	<code>ISpinButton</code>
<code>IComboBox &amp; addAsNext ( const char *strItem, Cursor &amp;cursor );</code>	<code>IComboBox</code>
<code>IListBox &amp; addAsNext ( const char *strItem, Cursor &amp;cursor );</code>	<code>IListBox</code>
<code>IComboBox &amp; addAsNext ( const IResourceId &amp;resid, Cursor &amp;cursor );</code>	<code>IComboBox</code>
<code>IListBox &amp; addAsNext ( const IResourceId &amp;resid, Cursor &amp;cursor );</code>	<code>IListBox</code>
<code>IMenu &amp; addAt ( IMenuItem &amp;menuItem, Cursor &amp;cursor );</code>	<code>IMenu</code>
<code>ISubMenu &amp; addAt ( IMenuItem &amp;menuItem, Cursor &amp;cursor );</code>	<code>ISubMenu</code>
<code>IMultiLineEdit &amp; addAtOffset ( char *text, unsigned long charnumber, unsigned long textSize = , EOLFormat type = cfText );</code>	<code>IMultiLineEdit</code>
<code>ISubMenu &amp; addBitmap ( unsigned long newItemId, const IBitmapHandle &amp;itemBitmap );</code>	<code>ISubMenu</code>
<code>IMenu &amp; addBitmap ( unsigned long newItemId, const IBitmapHandle &amp;itemBitmap, unsigned long intoSubMenuId = );</code>	<code>IMenu</code>
<code>IMenu &amp; addBitmap ( unsigned long newItemId, const IResourceId &amp;bitmapResId, unsigned long intoSubMenuId = );</code>	<code>IMenu</code>
<code>ISubMenu &amp; addBitmap ( unsigned long newItemId, const IResourceId &amp;newItemBitmapResId );</code>	<code>ISubMenu</code>
<code>IMenu &amp; addBitmap ( unsigned long newItemId, unsigned long bitmapResId, unsigned long intoSubMenuId = );</code>	<code>IMenu</code>
<code>ISubMenu &amp; addBitmap ( unsigned long newItemId, unsigned long newItemBitmapResId );</code>	<code>ISubMenu</code>
<code>virtual IContainerControl &amp; addColumn ( const IContainerColumn *column, const IContainerColumn *afterColumn = );</code>	<code>IContainerControl</code>
<code>IFrameWindow &amp; addDefaultHandler ( );</code>	<code>IFrameWindow</code>
<code>unsigned long addDescending ( const char *text );</code>	<code>IComboBox, IListBox</code>
<code>unsigned long addDescending ( const IResourceId &amp;resid );</code>	<code>IComboBox, IListBox</code>
<code>unsigned long addDetent ( unsigned long offset );</code>	<code>ISlider</code>
<code>Settings &amp; addDrive ( char *drive );</code>	<code>IFileDialog::Settings</code>
<code>virtual IFrameWindow &amp; addExtension ( IWindow *aWindow, Location aLocation, double percentage, SeparatorType separator = thinLine );</code>	<code>IFrameWindow</code>
<code>virtual IFrameWindow &amp; addExtension ( IWindow *aWindow, Location aLocation, int widthOrHeight, SeparatorType separator = thinLine );</code>	<code>IFrameWindow</code>
<code>virtual IFrameWindow &amp; addExtension ( IWindow *aWindow, Location aLocation, unsigned long widthOrHeight, SeparatorType separator = thinLine );</code>	<code>IFrameWindow</code>
<code>Settings &amp; addFileType ( char *fileType );</code>	<code>IFileDialog::Settings</code>
<code>virtual IPageHandle addFirstPage ( const PageSettings &amp;pageInfo, IWindow *window );</code>	<code>IPageHandle</code>

## User Interface Library - Other Member Functions

Member Function	Class
IWindow & <b>addHandler</b> ( IHandler *newHandler );	IWindow
ISubMenu & <b>addItem</b> ( IMenuItem &menuItem );	ISubMenu
IMenu & <b>addItem</b> ( IMenuItem &menuItem, unsigned long intoSubMenuId = );	IMenu
virtual IPageHandle <b>addLastPage</b> ( const PageSettings &pageInfo, IWindow *window = );	IPageHandle
IHelpWindow & <b>addLibraries</b> ( const char *helpLibraryNames );	IHelpWindow
IMultiLineEdit & <b>addLine</b> ( char *text, unsigned long lineNumber, EOLFormat type = cfText );	IMultiLineEdit
IMultiLineEdit & <b>addLineAsLast</b> ( char *text, EOLFormat type = cfText );	IMultiLineEdit
virtual IException & <b>addLocation</b> ( const IExceptionLocation &location );	IException
IMenu & <b>addNextAt</b> ( IMenuItem &menuItem, Cursor &cursor );	IMenu
ISubMenu & <b>addNextAt</b> ( IMenuItem &menuItem, Cursor &cursor );	ISubMenu
virtual IContainerControl & <b>addObject</b> ( const IContainerObject *newObject, IContainerObject *parentObject = );	IContainerControl
virtual IContainerControl & <b>addObjectAfter</b> ( const IContainerObject *newObject, IContainerObject *parentObject = );	IContainerControl
ISpinButton & <b>addOrReplaceElements</b> ( const Cursor &object );	ISpinButton
IProfile & <b>addOrReplaceElementWithKey</b> ( const char *key, const IString &data, const char *appName = );	IProfile
IProfile & <b>addOrReplaceElementWithKey</b> ( const char *key, long data, const char *appName = );	IProfile
virtual IPageHandle <b>addPageAfter</b> ( const PageSettings &pageInfo, const Cursor &cursor, IWindow *window = );	IPageHandle
virtual IPageHandle <b>addPageAfter</b> ( const PageSettings &pageToAdd, const IPageHandle &referencePage, IWindow *window = );	INotebook
virtual IPageHandle <b>addPageBefore</b> ( const PageSettings &pageInfo, const Cursor &cursor, IWindow *window = );	INotebook
virtual IPageHandle <b>addPageBefore</b> ( const PageSettings &pageInfoToAdd, const IPageHandle &referencePage, IWindow *window = );	INotebook
virtual void <b>addRef</b> ( );	IRefCounted
void <b>addRef</b> ( );	IBuffer
virtual IMenu & <b>addSeparator</b> ( unsigned long intoSubMenuId = );	IMenu
virtual ISubMenu & <b>addSeparator</b> ( unsigned long newItemId );	ISubMenu
IMenu & <b>addSeparator</b> ( unsigned long newItemId, unsigned long intoSubMenuId );	IMenu
virtual void <b>addSourceEmphasis</b> ( const IMenuEvent &menuEvent );	ICnrMenuHandler, IMenuHandler
virtual IMenu & <b>addSubMenu</b> ( unsigned long itemId );	IMenu
virtual IMenu & <b>addSubMenu</b> ( unsigned long itemId, const IResourceId &submenuResourceId );	IMenu
ISubMenu & <b>addText</b> ( unsigned long newItemId, const char *itemText );	ISubMenu
IMenu & <b>addText</b> ( unsigned long newItemId, const char *itemText, unsigned long intoSubMenuId = );	IMenu
ISubMenu & <b>addText</b> ( unsigned long newItemId, const IResourceId &newItemTextResourceId );	ISubMenu

## User Interface Library - Other Member Functions

Member Function	Class
<code>I Menu &amp; addText ( unsigned long newItemId, const IResourceId &amp;textResId, unsigned long intoSubMenuId = );</code>	<code>I Menu</code>
<code>virtual I MultiCellCanvas &amp; addToCell ( I Window *childWindow, unsigned long startingColumn, unsigned long startingRow, unsigned long numberOfColumns = 1, unsigned long numberOfRows = 1 );</code>	<code>I MultiCellCanvas</code>
<code>virtual I FrameWindow &amp; addToWindowList ( );</code>	<code>I FrameWindow</code>
<code>static void addToWindowSet ( I Window *window, const I WindowHandle &amp;windowHandle );</code>	<code>I WindowHandle</code>
<code>static unsigned adjustArg ( unsigned index );</code>	<code>I String</code>
<code>I Application &amp; adjustPriority ( int adjustment, Boolean setDescendents = false );</code>	<code>I Application</code>
<code>virtual I Thread &amp; adjustPriority ( int delta );</code>	<code>I Thread</code>
<code>static unsigned adjustResult ( unsigned index );</code>	<code>I String</code>
<code>Alignment alignment ( ) const;</code>	<code>I EntryField, I ProgressIndicator, I SetCanvas, I SpinButton, I StaticText</code>
<code>I ContainerControl &amp; allObjectsDo ( I ContainerControl::Iterator &amp;iteratorObject, Boolean includeDescendents = false );</code>	<code>I ContainerControl</code>
<code>virtual I Buffer * allocate ( unsigned bufLength ) const;</code>	<code>I Buffer</code>
<code>I Buffer * allocate ( unsigned newLen ) const;</code>	<code>I DBCSBuffer</code>
<code>Boolean allowsMouseClickedFocus ( ) const;</code>	<code>I Button</code>
<code>long amount ( ) const;</code>	<code>I CnrScrollEvent</code>
<code>virtual I AnchorBlockHandle anchorBlock ( ) const;</code>	<code>I CurrentThread</code>
<code>I Exception &amp; appendText ( const char *errorText );</code>	<code>I Exception</code>
<code>I String application ( ) const;</code>	<code>ID DEActiveServer, ID DEBeginEvent, ID DEClientConversation, ID DEClientEndEvent, ID DETopicServer</code>
<code>I String applicationOrKeyAt ( const Cursor &amp;cursor ) const;</code>	<code>I Profile</code>
<code>unsigned char applicationSpecificData ( ) const;</code>	<code>ID DEAcknowledgeEvent</code>
<code>I String &amp; applyBitOp ( const char *pArg, unsigned argLen, BitOperator op );</code>	<code>I String</code>
<code>virtual Boolean applyTo ( I ContainerObject *object )= ;</code>	<code>I ContainerControl::Iterator</code>
<code>Coord area ( ) const;</code>	<code>I Rectangle</code>
<code>Boolean areChildrenReversed ( ) const;</code>	<code>I Canvas</code>
<code>virtual int argc ( ) const;</code>	<code>I CurrentApplication</code>
<code>virtual I String argv ( int argNo ) const;</code>	<code>I CurrentApplication</code>
<code>unsigned long armPixelOffset ( ) const;</code>	<code>I ProgressIndicator</code>
<code>unsigned long armRange ( ) const;</code>	<code>I ProgressIndicator</code>
<code>I Size armSize ( ) const;</code>	<code>I Slider</code>
<code>unsigned long armTickOffset ( ) const;</code>	<code>I ProgressIndicator</code>
<code>I ContainerControl &amp; arrangelconView ( );</code>	<code>I ContainerControl</code>
<code>virtual Boolean arrowDown ( I ControlEvent &amp;event );</code>	<code>I SpinHandler</code>
<code>virtual Boolean arrowUp ( I ControlEvent &amp;event );</code>	<code>I SpinHandler</code>

## User Interface Library - Other Member Functions

Member Function	Class
IString <b>asDebugInfo</b> ( ) const;	IBase, IHandle, IPair, IRectangle, IString
virtual IString <b>asDebugInfo</b> ( ) const;	IApplication, IBuffer, ICurrentApplication, IDynamicLinkLibrary, IHandler, IResourceId, IResourceLibrary, IThread, IVBase, IWindow
double <b>asDouble</b> ( ) const;	IString
unsigned long <b>asIndex</b> ( ) const;	IComboBox::Cursor, IListBox::Cursor
long <b>asInt</b> ( ) const;	IString
struct _POINTL <b>asPOINTL</b> ( ) const;	IPoint
struct _RECTL <b>asRECTL</b> ( ) const;	IRectangle
long <b>asRGBLong</b> ( ) const;	IColor
long <b>asSeconds</b> ( ) const;	ITime
static void <b>assertParameter</b> ( const char * <i>exceptionText</i> , IExceptionLocation <i>location</i> , IException );	
struct _SIZEL <b>asSIZEL</b> ( ) const;	ISize
IHelpWindow & <b>associateWindow</b> ( IFrameWindow * <i>frameWindow</i> );	IHelpWindow
IString <b>asString</b> ( ) const;	IBase, IHandle, IPair, IRectangle, IString
virtual IString <b>asString</b> ( ) const;	IApplication, IDynamicLinkLibrary, IHandler, IResourceId, IResourceLibrary, IThread, IVBase, IWindow
IString <b>asString</b> ( const char * <i>fmt</i> ) const;	IDate
IString <b>asString</b> ( const char * <i>fmt</i> = " % X" ) const;	ITime
IString <b>asString</b> ( YearFormat <i>yearFmt</i> = yy ) const;	IDate
unsigned long <b>asUnsigned</b> ( ) const;	IString
unsigned long <b>asUnsignedLong</b> ( ) const;	IBitFlag, IEventData
Boolean <b>atBottomDelta</b> ( ) const;	ICnrQueryDeltaEvent
Boolean <b>atFirstObject</b> ( ) const;	ICnrQueryDeltaEvent
Boolean <b>atLastObject</b> ( ) const;	ICnrQueryDeltaEvent
unsigned long <b>attachedTold</b> ( ) const;	IFrameExtension
ISWP <b>attachTo</b> ( ISWP & <i>baseSWP</i> );	IFrameExtension
Boolean <b>atTopDelta</b> ( ) const;	ICnrQueryDeltaEvent
unsigned long <b>attribute</b> ( ) const;	IMenuItem
unsigned long <b>attributes</b> ( const IContainerObject * <i>object</i> ) const;	IContainerControl
virtual Boolean <b>autolnitPM</b> ( ) const;	IThread
unsigned long <b>avgCharWidth</b> ( ) const;	IFont
unsigned long <b>avgLowercase</b> ( ) const;	IFont

## User Interface Library - Other Member Functions

Member Function	Class
unsigned long <b>avgUppercase</b> ( ) const;	IFont
IMiniCnrRecord * <b>baseRecord</b> ( );	IContainerObject
virtual unsigned long <b>baseRecordSize</b> ( );	IContainerControl
virtual Boolean <b>begin</b> ( const char * <i>applicationName</i> , const char * <i>topicName</i> );	IDDEClientConversation
virtual IDDEClientConversation & <b>begin</b> ( const IWindowHandle & <i>serverHandle</i> );	IDDEClientConversation
virtual IDDETopicServer & <b>beginConversation</b> ( const IWindowHandle & <i>clientHandle</i> );	IDDETopicServer
virtual Boolean <b>beginEdit</b> ( ICnrBeginEditEvent & <i>event</i> );	ICnrEditHandler
virtual IFrameWindow & <b>beginFlashing</b> ( );	IFrameWindow
virtual IDDEClientConversation & <b>beginHotLink</b> ( const char * <i>item</i> , const char * <i>format</i> = "#1", Boolean <i>sendData</i> = true, Boolean <i>pacing</i> = false );	IDDEClientConversation
virtual Boolean <b>beginHotLink</b> ( unsigned long <i>conversationId</i> , IDDEServerHotLinkEvent & <i>event</i> );	IDDETopicServer
IFont & <b>beginUsingFont</b> ( IPresSpaceHandle <i>hps</i> );	IFont
virtual Binding <b>binding</b> ( ) const;	INotebook
IBitmapHandle <b>bitmap</b> ( ) const;	IBitmapControl, IMenuItem
unsigned char <b>blueMix</b> ( ) const;	IColor
Coord <b>bottom</b> ( ) const;	IRectangle
IPoint <b>bottomCenter</b> ( ) const;	IRectangle
IPoint <b>bottomLeft</b> ( ) const;	IRectangle
IPoint <b>bottomRight</b> ( ) const;	IRectangle
IBuffer * <b>buffer</b> ( ) const;	IString
IString <b>buffer</b> ( ) const;	IDDEEvent
long <b>buttonPressedId</b> ( ) const;	IFileDialog, IFontDialog
ButtonsPosition <b>buttonsPosition</b> ( ) const;	ISlider
IString & <b>b2c</b> ( );	IString
static IString <b>b2c</b> ( const IString & <i>aString</i> );	IString
IString & <b>b2d</b> ( );	IString
static IString <b>b2d</b> ( const IString & <i>aString</i> );	IString
IString & <b>b2x</b> ( );	IString
static IString <b>b2x</b> ( const IString & <i>aString</i> );	IString
virtual ISize <b>calcMinimumSize</b> ( ) const;	IBitmapControl, ICanvas, ICheckBox, IComboBox, IContainerControl, IEntryField, IGroupBox, IIconControl, INotebook, IProgressIndicator, IPushButton, IRadioButton, IScrollBar, ISpinButton, IStaticText, IViewPort, IWindow, I3StateCheckBox
IPoint <b>center</b> ( ) const;	IRectangle
static IString <b>center</b> ( const IString & <i>aString</i> , unsigned <i>length</i> , char <i>padCharacter</i> = ' ' );	IString

## User Interface Library - Other Member Functions

Member Function	Class
<code>IString &amp; center ( unsigned length, char padCharacter = ' ' );</code>	<code>IString</code>
<code>IBuffer * center ( unsigned newLen, char padCharacter );</code>	<code>IDBCSBuffer</code>
<code>virtual IBuffer * center ( unsigned newLen, char padCharacter );</code>	<code>IBuffer</code>
<code>IRectangle &amp; centerAt ( const IPoint &amp;aPoint );</code>	<code>IRectangle</code>
<code>IRectangle centeredAt ( const IPoint &amp;aPoint ) const;</code>	<code>IRectangle</code>
<code>IString &amp; change ( const char *pInputString, const char *pOutputString, unsigned startPos = 1, unsigned numChanges = UINT_MAX );</code>	<code>IString</code>
<code>IString &amp; change ( const char *pInputString, const IString &amp;outputString, unsigned startPos = 1, unsigned numChanges = UINT_MAX );</code>	<code>IString</code>
<code>I String &amp; change ( const char *pPattern, const char *pReplacement, unsigned startPos = , unsigned numChanges = UINT_MAX );</code>	<code>I String</code>
<code>I String &amp; change ( const char *pPattern, const IString &amp;aReplacement, unsigned startPos = , unsigned numChanges = UINT_MAX );</code>	<code>I String</code>
<code>IString &amp; change ( const char *pPattern, unsigned patternLen, const char *pReplacement, unsigned replacementLen, unsigned startPos, unsigned numChanges );</code>	<code>IString</code>
<code>virtual IBuffer * change ( const char *pSource, unsigned sourceLen, const char *pTarget, unsigned targetLen, unsigned startPos, unsigned numChanges );</code>	<code>IBuffer</code>
<code>I String &amp; change ( const IString &amp;aPattern, const char *pReplacement, unsigned startPos = , unsigned numChanges = UINT_MAX );</code>	<code>I String</code>
<code>I String &amp; change ( const IString &amp;aPattern, const IString &amp;aReplacement, unsigned startPos = , unsigned numChanges = UINT_MAX );</code>	<code>I String</code>
<code>static IString change ( const IString &amp;aString, const char *pInputString, const char *pOutputString, unsigned startPos = 1, unsigned numChanges = UINT_MAX );</code>	<code>IString</code>
<code>static I String change ( const IString &amp;aString, const char *pInputString, const char *pOutputString, unsigned startPos = , unsigned numChanges = UINT_MAX );</code>	<code>I String</code>
<code>static IString change ( const IString &amp;aString, const char *pInputString, const IString &amp;outputString, unsigned startPos = 1, unsigned numChanges = UINT_MAX );</code>	<code>IString</code>
<code>static I String change ( const IString &amp;aString, const char *pInputString, const IString &amp;outputString, unsigned startPos = , unsigned numChanges = UINT_MAX );</code>	<code>I String</code>
<code>static IString change ( const IString &amp;aString, const IString &amp;inputString, const char *pOutputString, unsigned startPos = 1, unsigned numChanges = UINT_MAX );</code>	<code>IString</code>
<code>static IString change ( const IString &amp;aString, const IString &amp;inputString, const IString &amp;outputString, unsigned startPos = 1, unsigned numChanges = UINT_MAX );</code>	<code>IString</code>
<code>static I String change ( const IString &amp;aString, const IString &amp;inputString, const char *pOutputString, unsigned startPos = , unsigned numChanges = UINT_MAX );</code>	<code>I String</code>

## User Interface Library - Other Member Functions

Member Function	Class
static IString <b>change</b> ( const IString &aString, const IString &inputString, const IString &outputString, unsigned startPos = , unsigned numChanges = UINT_MAX );	IString
IString & <b>change</b> ( const IString &inputString, const char *pOutputString, unsigned startPos = 1, unsigned numChanges = UINT_MAX );	IString
IString & <b>change</b> ( const IString &inputString, const IString &outputString, unsigned startPos = 1, unsigned numChanges = UINT_MAX );	IString
Boolean <b>changed</b> ( IContainerObject::Emphasis ) const;	ICnrEmphasisEvent
char <b>character</b> ( ) const;	IKeyboardEvent
virtual Boolean <b>characterKeyPress</b> ( IKeyboardEvent &keyevt );	IKeyboardHandler
ISize <b>characterSize</b> ( );	IControl
CharType <b>charType</b> ( ) const;	IEntryField
IStringEnum::CharType <b>charType</b> ( unsigned index ) const;	IDBCSBuffer, IString, IString
virtual IStringEnum::CharType <b>charType</b> ( unsigned index ) const;	IBuffer
unsigned long <b>charWidth</b> ( char C ) const;	IFont
char <b>char1</b> ( ) const;	IEventData
char <b>char2</b> ( ) const;	IEventData
char <b>char3</b> ( ) const;	IEventData
char <b>char4</b> ( ) const;	IEventData
static unsigned <b>checkAddition</b> ( unsigned addend1, unsigned addend2 );	IBuffer
virtual IMenu & <b>checkItem</b> ( unsigned long itemId, Boolean check = true );	IMenu
virtual ISubMenu & <b>checkItem</b> ( unsigned long itemId, Boolean checked = true );	ISubMenu
static unsigned <b>checkMultiplication</b> ( unsigned factor1, unsigned factor2 );	IBuffer
IWindowHandle <b>childAt</b> ( const ChildCursor &aCursor ) const;	IWindow
const char * <b>className</b> ( ) const;	IDBCSBuffer
virtual const char * <b>className</b> ( ) const;	IBuffer
virtual IEntryField & <b>clear</b> ( );	IEntryField
virtual IMultiLineEdit & <b>clear</b> ( );	IMultiLineEdit
IPaintEvent & <b>clearBackground</b> ( const IColor &background = IGUIColor ( IGUIColor::desktopBgnd ) );	IPaintEvent
IPaintEvent & <b>clearBackground</b> ( const IRectangle &fillRectangle, const IColor &background = IGUIColor ( IGUIColor::desktopBgnd ) );	IPaintEvent
IResourceLock & <b>clearLock</b> ( );	IResourceLock
virtual IButton & <b>click</b> ( );	IButton
virtual IControl * <b>client</b> ( ) const;	IFrameWindow
IWindowHandle <b>clientHandle</b> ( ) const;	IDDEClientConversation
IRectangle <b>clientRect</b> ( ) const;	IFormatEvent
Boolean <b>clipboardHasTextFormat</b> ( ) const;	ITextControl
virtual IDynamicLinkLibrary & <b>close</b> ( );	IDynamicLinkLibrary
virtual IFrameWindow & <b>close</b> ( );	IFrameWindow



## User Interface Library - Other Member Functions

Member Function	Class
virtual Boolean <b>closed</b> ( IFrameEvent &frameEvent );	IFrameHandler
virtual IContainerControl & <b>closeEdit</b> ( );	IContainerControl
IContainerControl & <b>collapse</b> ( IContainerObject *object );	IContainerControl
virtual IContainerControl & <b>collapseTree</b> ( );	IContainerControl
IColor <b>color</b> ( ) const;	IMultiCellCanvas
IColor <b>color</b> ( ColorArea area ) const;	IButton, ICanvas, IContainerControl, IEntryField, IFrameWindow, IGroupBox, IListBox, IMenu, IMultiLineEdit, IOutlineBox, IProgressIndicator, IScrollBar, ISetCanvas, ISpinButton, IStaticText, ITitle, IViewPort
virtual IColor <b>color</b> ( ColorArea area ) const;	INotebook
IColor <b>color</b> ( SplitBarArea value ) const;	ISplitCanvas
IColor <b>color</b> ( unsigned long colorArea ) const;	IWindow
IColor <b>color</b> ( unsigned long colorArea, const IColor &defaultColor ) const;	IWindow
IContainerColumn * <b>column</b> ( );	ICnrEditEvent, ICnrHelpEvent
virtual IContainerColumn * <b>column</b> ( ) const;	ICnrDrawItemEvent
IContainerColumn * <b>column</b> ( IContainerColumn *column, unsigned long command, Boolean visible );	IContainerControl
IContainerColumn * <b>columnAt</b> ( const ColumnCursor &cursor ) const;	IContainerControl
IContainerColumn * <b>columnAt</b> ( unsigned long index ) const;	IContainerControl
unsigned long <b>columnCount</b> ( ) const;	IContainerControl
_FIELDINFO * <b>columnInfo</b> ( ) const;	IContainerColumn
IContainerColumn * <b>columnUnderPoint</b> ( const IPoint &point ) const;	IContainerControl
unsigned long <b>columnWidth</b> ( unsigned long column ) const;	IMultiCellCanvas
virtual Boolean <b>command</b> ( ICommandEvent &event );	ICommandHandler, IFrameHandler
unsigned long <b>commandId</b> ( ) const;	ICommandEvent, IHelpMenuBarEvent
IString <b>commands</b> ( ) const;	IDDEAcknowledgeExecuteEvent, IDDEExecuteEvent
CommandType <b>commandType</b> ( ) const;	IMenuItem
IWindowHandle <b>communicationWindow</b> ( ) const;	IHelpWindow
virtual Comparison <b>compare</b> ( const void *p, unsigned len ) const;	IBuffer
IContainerControl * <b>container</b> ( ) const;	ICnrEditEvent, IContainerColumn
virtual IContainerControl * <b>container</b> ( ) const;	ICnrDrawBackgroundEvent, ICnrDrawItemEvent
unsigned long <b>containerAttributes</b> ( ) const;	IContainerControl
static IContainerControl * <b>containerFromHandle</b> ( const IWindowHandle &handle ) const;	IContainerControl
unsigned long <b>containerId</b> ( ) const;	ICnrEvent
virtual void <b>containerInfo</b> ( ) const;	IContainerControl
static IPrivateResource & <b>containerKey</b> ( );	IContainerControl

## User Interface Library - Other Member Functions

Member Function	Class
static ICnrControlList & <b>containerList</b> ( );	IContainerControl
Boolean <b>contains</b> ( const IPoint &aPoint ) const;	IRectangle
Boolean <b>contains</b> ( const IRectangle &aRect ) const;	IRectangle
Boolean <b>containsApplication</b> ( const char *applName ) const;	IProfile
Boolean <b>containsKeyName</b> ( const char *key, const char *applName = ) const;	IProfile
Boolean <b>containsObject</b> ( const IContainerObject *object ) const;	IContainerControl
char * <b>contents</b> ( );	IBuffer
const char * <b>contents</b> ( ) const;	IBuffer
IWindowHandle <b>contentsWindow</b> ( ) const;	IHelpWindow
IWindow * <b>control</b> ( ) const;	IFrameExtension
unsigned long <b>controlId</b> ( ) const;	IControlEvent
unsigned short <b>controlId</b> ( ) const;	IHelpNotifyEvent
virtual Boolean <b>controlSelect</b> ( IHelpNotifyEvent &notifyEvent );	IHelpHandler
IWindow * <b>controlWindow</b> ( ) const;	IControlEvent
unsigned long <b>conversationCount</b> ( ) const;	IDDETopicServer
virtual void <b>conversationEnded</b> ( IDDEClientEndEvent &event );	IDDEClientConversation
virtual void <b>conversationEnded</b> ( unsigned long conversationId, IDDEEndEvent &event );	IDDETopicServer
IRectangle <b>convertToWorkspace</b> ( const IRectangle &>windowRectangle, Boolean rightWindow = false ) const;	IContainerControl
Coord <b>coord1</b> ( ) const;	IPair
Coord <b>coord2</b> ( ) const;	IPair
virtual IEntryField & <b>copy</b> ( );	IEntryField
virtual IMultiLineEdit & <b>copy</b> ( );	IMultiLineEdit
static IString <b>copy</b> ( const IString &aString, unsigned numCopies );	IString
IString & <b>copy</b> ( unsigned numCopies );	IString
virtual IBuffer * <b>copy</b> ( unsigned numCopies );	IBuffer
IContainerObject * <b>copyObjectTo</b> ( IContainerObject *copyObject, IContainerObject *parentObject = , IContainerControl *newContainer = , IContainerObject *afterObject = , const IPoint &iconViewLocation = IPoint ( , ) );	IContainerControl
unsigned long <b>count</b> ( ) const;	IComboBox, IListBox
IWindowHandle <b>coverageWindow</b> ( ) const;	IHelpWindow
IFrameWindow & <b>create</b> ( unsigned long id, const char *title, unsigned long style, const char *windowClass, const IWindowHandle &parent, const IWindowHandle &owner, const IRectangle &initRect, const void *ctlData, const void *presParams );	IFrameWindow
void <b>create</b> ( unsigned long windowId, unsigned long parent, unsigned long owner, unsigned long style, const IRectangle &initial, void *sliderData );	ProgressIndicator
static ICurrentApplication & <b>current</b> ( );	IApplication
static ICurrentThread & <b>current</b> ( );	IThread
virtual IContainerColumn * <b>current</b> ( ) const;	IContainerControl::ColumnCursor

## User Interface Library - Other Member Functions

Member Function	Class
virtual IContainerObject * <b>current</b> ( ) const;	IContainerControl::ObjectCursor, IContainerControl::TextCursor
virtual IPageHandle <b>current</b> ( ) const;	INotebook::Cursor
IContainerColumn * <b>currentEditColumn</b> ( );	IContainerControl
IMultiLineEdit * <b>currentEditMLE</b> ( );	IContainerControl
IContainerObject * <b>currentEditObject</b> ( );	IContainerControl
static IThreadId <b>currentId</b> ( );	IThread
long <b>currentNumber</b> ( ) const;	ISpinButton
static IProcessId <b>currentPID</b> ( );	IApplication
IString <b>currentText</b> ( ) const;	ICnrBeginEditEvent, ICnrEndEditEvent, ISpinButton
virtual IString <b>currentText</b> ( );	ICnrReallocStringEvent
unsigned long <b>cursor</b> ( ) const;	IMultiLineEdit
Cursor <b>cursor</b> ( unsigned long <i>itemId</i> ) const;	ISubMenu
Cursor <b>cursor</b> ( unsigned long <i>itemId</i> , unsigned long <i>inSubMenuId</i> = ) const;	IMenu
virtual Boolean <b>cursorredChanged</b> ( ICnrEmphasisEvent & <i>event</i> );	ICnrHandler
IContainerObject * <b>cursorredObject</b> ( ) const;	IContainerControl
virtual IEntryField & <b>cut</b> ( );	IEntryField
virtual IMultiLineEdit & <b>cut</b> ( );	IMultiLineEdit
IString & <b>c2b</b> ( );	IString
static IString <b>c2b</b> ( const IString & <i>aString</i> );	IString
IString & <b>c2d</b> ( );	IString
static IString <b>c2d</b> ( const IString & <i>aString</i> );	IString
IString & <b>c2x</b> ( );	IString
static IString <b>c2x</b> ( const IString & <i>aString</i> );	IString
char * <b>data</b> ( ) const;	IString
IString <b>data</b> ( ) const;	IDDEDataEvent, IDDEServerAcknowledgeEvent
virtual Boolean <b>data</b> ( IDDEDataEvent & <i>event</i> )= ;	IDDEClientConversation
virtual unsigned long <b>dataAttributes</b> ( ) const;	IContainerColumn
IString <b>dayName</b> ( ) const;	IDate
static IString <b>dayName</b> ( DayOfWeek <i>aDay</i> );	IDate
int <b>dayOfMonth</b> ( ) const;	IDate
DayOfWeek <b>dayOfWeek</b> ( ) const;	IDate
int <b>dayOfYear</b> ( ) const;	IDate
static int <b>daysInMonth</b> ( Month <i>aMonth</i> , int <i>aYear</i> );	IDate
static int <b>daysInYear</b> ( int <i>aYear</i> );	IDate
virtual Boolean <b>deactivated</b> ( IFrameEvent & <i>frameEvent</i> );	IFrameHandler
unsigned long <b>deckCount</b> ( ) const;	ISetCanvas

## User Interface Library - Other Member Functions

Member Function	Class
DeckOrientation <b>deckOrientation</b> ( ) const;	ISetCanvas
virtual IContainerObject & <b>decrementUseCount</b> ( );	IContainerObject
const IString & <b>defaultApplicationName</b> ( ) const;	IProfile
static Attribute <b>defaultAttribute</b> ( );	IContainerControl, IMenuItem
static Boolean <b>defaultAutoInitPM</b> ( );	IThread
static char * <b>defaultBuffer</b> ( );	IString
static IBuffer * <b>defaultBuffer</b> ( );	IBuffer
static ISize <b>defaultCell</b> ( );	IMultiCellCanvas
static Style <b>defaultDataStyle</b> ( );	IContainerColumn
static Style <b>defaultHeadingStyle</b> ( );	IContainerColumn
IWindow & <b>defaultProcedure</b> ( IEvent &event );	IWindow
virtual IEventResult <b>defaultProcedure</b> ( IEvent &event );	IHandler
static long <b>defaultQueueSize</b> ( );	IThread
static unsigned long <b>defaultStackSize</b> ( );	IThread
static Style <b>defaultStyle</b> ( );	IBitmapControl, ICanvas, ICheckBox, IComboBox, IContainerControl, IEntryField, IFileDialog, IFontDialog, IFrameWindow, IGroupBox, IIconControl, IListBox, IMenu, IMenuBar, IMenuItem, IMultiLineEdit, INotebook, IOutlineBox, IProgressIndicator, IPushButton, IRadioButton, IScrollBar, ISetCanvas, ISlider, ISpinButton, ISplitCanvas, IStaticText, IViewPort, I3StateCheckBox
virtual IContainerControl & <b>deleteAllObjects</b> ( );	IContainerControl
IMenu & <b>deleteAt</b> ( Cursor &cursor );	IMenu
ISubMenu & <b>deleteAt</b> ( Cursor &cursor );	ISubMenu
IProfile & <b>deleteElementWithApplication</b> ( const char *appName = );	IProfile
IProfile & <b>deleteElementWithKey</b> ( const char *key, const char *appName = );	IProfile
Boolean <b>deletesInProgress</b> ( ) const;	IWindow
virtual IMenu & <b>deleteItem</b> ( unsigned long itemId );	IMenu
virtual ISubMenu & <b>deleteItem</b> ( unsigned long itemId );	ISubMenu
virtual IContainerControl & <b>deleteSelectedObjects</b> ( );	IContainerControl
virtual Boolean <b>deltaReached</b> ( ICnrQueryDeltaEvent &event );	ICnrHandler
ICnrObjectSet <b>descendantsOf</b> ( IContainerObject *parentObject ) const;	IContainerControl
ISettingButton & <b>deselect</b> ( );	ISettingButton
IComboBox & <b>deselect</b> ( unsigned long index );	IComboBox
IListBox & <b>deselect</b> ( unsigned long index );	IListBox
IComboBox & <b>deselectAll</b> ( );	IComboBox

## User Interface Library - Other Member Functions

Member Function	Class
IListBox & <b>deselectAll</b> ( );	IListBox
static IWindow * <b>desktopWindow</b> ( );	IWindow
IRectangle <b>detailObjectRectangle</b> ( const IContainerObject * <i>object</i> , Boolean <i>rightWindow</i> = false ) const;	IContainerControl
IRectangle <b>detailObjectRectangle</b> ( const IContainerObject * <i>object</i> , const IContainerColumn * <i>column</i> ) const;	IContainerControl
IRectangle <b>detailsViewportOnWindow</b> ( Boolean <i>rightSide</i> = false ) const;	IContainerControl
IRectangle <b>detailsViewportOnWorkspace</b> ( Boolean <i>rightSide</i> = false ) const;	IContainerControl
IContainerColumn * <b>detailsViewSplit</b> ( ) const;	IContainerControl
unsigned long <b>detentPosition</b> ( unsigned long <i>detentId</i> ) const;	ISlider
IEntryField & <b>disable</b> ( );	IEntryField
virtual IHandler & <b>disable</b> ( );	IHandler
virtual IWindow & <b>disable</b> ( );	IWindow
IEntryField & <b>disableAutoScroll</b> ( );	IEntryField
virtual ICheckBox & <b>disableAutoSelect</b> ( );	ICheckBox
virtual IRadioButton & <b>disableAutoSelect</b> ( );	IRadioButton
virtual ISettingButton & <b>disableAutoSelect</b> ( )= ;	ISettingButton
virtual I3StateCheckBox & <b>disableAutoSelect</b> ( );	I3StateCheckBox
IEntryField & <b>disableAutoTab</b> ( );	IEntryField
IPushButton & <b>disableBorder</b> ( );	IPushButton
ISpinButton & <b>disableBorder</b> ( );	ISpinButton
IContainerControl & <b>disableCaching</b> ( );	IContainerControl
IEntryField & <b>disableCommand</b> ( );	IEntryField
IRadioButton & <b>disableCursorSelect</b> ( );	IRadioButton
IEntryField & <b>disableDataUpdate</b> ( );	IEntryField
IMultiLineEdit & <b>disableDataUpdate</b> ( );	IMultiLineEdit
virtual IContainerColumn & <b>disableDataUpdate</b> ( );	IContainerColumn
virtual IContainerObject & <b>disableDataUpdate</b> ( IContainerControl * <i>container</i> = );	IContainerObject
IContainerControl & <b>disableDataUpdate</b> ( IContainerObject * <i>object</i> );	IContainerControl
IPushButton & <b>disableDefault</b> ( );	IPushButton
IContainerControl & <b>disableDrawBackground</b> ( );	IContainerControl
IContainerControl & <b>disableDrawItem</b> ( );	IContainerControl
IListBox & <b>disableDrawItem</b> ( );	IListBox
IProgressIndicator & <b>disableDrawItem</b> ( );	IProgressIndicator
virtual IContainerObject & <b>disableDrop</b> ( IContainerControl * <i>container</i> = );	IContainerObject
IContainerControl & <b>disableDrop</b> ( IContainerObject * <i>object</i> );	IContainerControl
virtual IString <b>disabledText</b> ( ) const;	IInfoArea
IListBox & <b>disableExtendedSelect</b> ( );	IListBox

## User Interface Library - Other Member Functions

Member Function	Class
IStaticText & <b>disableFillBackground</b> ( );	IStaticText
IControl & <b>disableGroup</b> ( );	IControl
virtual IContainerColumn & <b>disableHeadingUpdate</b> ( );	IContainerColumn
IPushButton & <b>disableHelp</b> ( );	IPushButton
IEntryField & <b>disableInsertMode</b> ( );	IEntryField
virtual IMenu & <b>disableItem</b> ( unsigned long <i>itemId</i> );	IMenu
virtual ISubMenu & <b>disableItem</b> ( unsigned long <i>itemId</i> );	ISubMenu
IEntryField & <b>disableMargin</b> ( );	IEntryField
IButton & <b>disableMouseClickedFocus</b> ( );	IButton
IListBox & <b>disableMultipleSelect</b> ( );	IListBox
IListBox & <b>disableNoAdjustPosition</b> ( );	IListBox
IMultiLineEdit & <b>disableRefresh</b> ( );	IMultiLineEdit
IProgressIndicator & <b>disableRibbonStrip</b> ( );	IProgressIndicator
IProgressIndicator & <b>disableSnapToTick</b> ( );	IProgressIndicator
IPushButton & <b>disableSystemCommand</b> ( );	IPushButton
IControl & <b>disableTabStop</b> ( );	IControl
IContainerControl & <b>disableTitleUpdate</b> ( );	IContainerControl
static void <b>disableTrace</b> ( );	ITrace
IMultiLineEdit & <b>disableWordWrap</b> ( );	IMultiLineEdit
static void <b>disableWriteLineNumber</b> ( );	ITrace
static void <b>disableWritePrefix</b> ( );	ITrace
virtual IEntryField & <b>discard</b> ( );	IEntryField
virtual IMultiLineEdit & <b>discard</b> ( );	IMultiLineEdit
virtual IFrameWindow & <b>dismiss</b> ( unsigned long <i>result</i> = );	IFrameWindow
Boolean <b>dispatch</b> ( IEvent & <i>event</i> );	IWindow
virtual Boolean <b>dispatchHandlerEvent</b> ( IEvent & <i>event</i> );	ICnrDrawHandler, ICnrEditHandler, ICnrHandler, ICnrMenuHandler, IDDETopicServer, IFrameHandler, IHandler, IHelpHandler, IMenuHandler, ISliderDrawHandler
Boolean <b>dispatchHandlerEvent</b> ( IEvent & <i>event</i> );	ICommandHandler, IDDEClientConversation, IEditHandler, IFileDialogHandler, IFocusHandler, IFontDialogHandler, IKeyboardHandler, IListBoxDrawItemHandler, IMenuDrawItemHandler, IMouseClickHandler, IPageHandler, IPaintHandler, IResizeHandler, IScrollHandler, ISelectHandler, IShowListHandler, ISpinHandler
ISize <b>displaySize</b> ( const char * <i>text</i> = ) const;	ITextControl

## User Interface Library - Other Member Functions

Member Function	Class
virtual unsigned long <b>displayWidth</b> ( );	IContainerColumn
double <b>distanceFrom</b> ( const IPair &aPair ) const;	IPair
long <b>dotProduct</b> ( const IPair &aPair ) const;	IPair
virtual Boolean <b>draw</b> ( IFrameEvent &frameEvent );	IFrameHandler
virtual Boolean <b>draw</b> ( IListBoxDrawItemEvent &event, DrawFlag &flag );	IListBoxDrawItemHandler
virtual Boolean <b>draw</b> ( IMenuDrawItemEvent &event, DrawFlag &flag );	IMenuDrawItemHandler
virtual Boolean <b>drawArm</b> ( IDrawItemEvent &event );	ISliderDrawHandler
virtual Boolean <b>drawBackground</b> ( ICnrDrawBackgroundEvent &event );	ICnrDrawHandler
virtual Boolean <b>drawBackground</b> ( IDrawItemEvent &event );	ISliderDrawHandler
virtual Boolean <b>drawDetailsItem</b> ( ICnrDrawItemEvent &event );	ICnrDrawHandler
virtual Boolean <b>drawIcon</b> ( ICnrDrawItemEvent &event );	ICnrDrawHandler
virtual Boolean <b>drawRibbonStrip</b> ( IDrawItemEvent &event );	ISliderDrawHandler
void <b>drawSeparator</b> ( const IPresSpaceHandle &psh ) const;	IFrameExtension
virtual Boolean <b>drawShaft</b> ( IDrawItemEvent &event );	ISliderDrawHandler
virtual Boolean <b>drawTab</b> ( INotebookDrawItemEvent &event );	IPageHandler
IPaintEvent & <b>drawText</b> ( const char *text, const IPoint &atPoint, const IColor &textColor = IGUIColor ( IGUIColor::windowStaticText );	IPaintEvent
virtual Boolean <b>drawText</b> ( ICnrDrawItemEvent &event );	ICnrDrawHandler
virtual Boolean <b>drawTitle</b> ( ICnrDrawItemEvent &event );	ICnrDrawHandler
virtual Boolean <b>drawTreelcon</b> ( ICnrDrawItemEvent &event );	ICnrDrawHandler
IString & <b>d2b</b> ( );	IString
static IString <b>d2b</b> ( const IString &aString );	IString
IString & <b>d2c</b> ( );	IString
static IString <b>d2c</b> ( const IString &aString );	IString
IString & <b>d2x</b> ( );	IString
static IString <b>d2x</b> ( const IString &aString );	IString
virtual Boolean <b>edit</b> ( IControlEvent &event )= ;	IEditHandler
virtual IContainerControl & <b>editColumnTitle</b> ( IContainerColumn *column );	IContainerControl
virtual IContainerControl & <b>editContainerTitle</b> ( );	IContainerControl
virtual IContainerControl & <b>editObject</b> ( IContainerObject *object, IContainerColumn *column = );	IContainerControl
unsigned long <b>editRegionHeight</b> ( ) const;	IMultiLineEdit
unsigned long <b>editRegionWidth</b> ( ) const;	IMultiLineEdit
IMenuItem <b>elementAt</b> ( const Cursor &cursor ) const;	IMenu
IString <b>elementAt</b> ( const Cursor &cursor ) const;	IComboBox, IListBox, ISpinButton
IString <b>elementWithKey</b> ( const char *key, const char *appName = ) const;	IProfile
long <b>emHeight</b> ( ) const;	IFontDialog
IEntryField & <b>enable</b> ( Boolean enable = true );	IEntryField

## User Interface Library - Other Member Functions

Member Function	Class
virtual IWindow & <b>enable</b> ( Boolean <i>enableWindow</i> = true );	IWindow
virtual IHandler & <b>enable</b> ( Boolean <i>setting</i> = true );	IHandler
IEntryField & <b>enableAutoScroll</b> ( Boolean <i>enable</i> = true );	IEntryField
virtual ISettingButton & <b>enableAutoSelect</b> ( Boolean <i>enable</i> )= ;	ISettingButton
virtual IRadioButton & <b>enableAutoSelect</b> ( Boolean <i>enable</i> = true );	IRadioButton
virtual ICheckBox & <b>enableAutoSelect</b> ( Boolean <i>turnOn</i> = true );	ICheckBox
virtual I3StateCheckBox & <b>enableAutoSelect</b> ( Boolean <i>turnOn</i> = true );	I3StateCheckBox
IEntryField & <b>enableAutoTab</b> ( Boolean <i>enable</i> = true );	IEntryField
IPushButton & <b>enableBorder</b> ( Boolean <i>enable</i> = true );	IPushButton
ISpinButton & <b>enableBorder</b> ( Boolean <i>enable</i> = true );	ISpinButton
IContainerControl & <b>enableCaching</b> ( unsigned long <i>ulDeltaValue</i> = 3 );	IContainerControl
IEntryField & <b>enableCommand</b> ( Boolean <i>enable</i> = true );	IEntryField
IRadioButton & <b>enableCursorSelect</b> ( Boolean <i>enable</i> = true );	IRadioButton
virtual IContainerColumn & <b>enableDataUpdate</b> ( Boolean <i>enable</i> = true );	IContainerColumn
virtual IContainerObject & <b>enableDataUpdate</b> ( Boolean <i>enable</i> = true, IContainerControl * <i>container</i> = );	IContainerObject
IEntryField & <b>enableDataUpdate</b> ( Boolean <i>update</i> = true );	IEntryField
IMultiLineEdit & <b>enableDataUpdate</b> ( Boolean <i>update</i> = true );	IMultiLineEdit
IContainerControl & <b>enableDataUpdate</b> ( IContainerObject * <i>object</i> , Boolean <i>enable</i> = true, IContainerControl * <i>container</i> = );	IContainerControl
IPushButton & <b>enableDefault</b> ( Boolean <i>enable</i> = true );	IPushButton
IContainerControl & <b>enableDrawBackground</b> ( Boolean <i>Enable</i> = true );	IContainerControl
IProgressIndicator & <b>enableDrawItem</b> ( Boolean <i>drawItemOn</i> = true );	IProgressIndicator
IContainerControl & <b>enableDrawItem</b> ( Boolean <i>Enable</i> = true );	IContainerControl
IListBox & <b>enableDrawItem</b> ( Boolean <i>enable</i> = true );	IListBox
virtual IContainerObject & <b>enableDrop</b> ( Boolean <i>enable</i> = true, IContainerControl * <i>container</i> = );	IContainerObject
IContainerControl & <b>enableDrop</b> ( IContainerObject * <i>object</i> , Boolean <i>enable</i> = true, IContainerControl * <i>container</i> = );	IContainerControl
IListBox & <b>enableExtendedSelect</b> ( Boolean <i>enable</i> = true );	IListBox
IStaticText & <b>enableFillBackground</b> ( Boolean <i>enable</i> = true );	IStaticText
IControl & <b>enableGroup</b> ( Boolean <i>enable</i> = true );	IControl
virtual IContainerColumn & <b>enableHeadingUpdate</b> ( Boolean <i>enable</i> = true );	IContainerColumn
IPushButton & <b>enableHelp</b> ( Boolean <i>enable</i> = true );	IPushButton
IEntryField & <b>enableInsertMode</b> ( Boolean <i>insert</i> = true );	IEntryField
virtual IMenu & <b>enableItem</b> ( unsigned long <i>itemId</i> , Boolean <i>enable</i> = true );	IMenu
virtual ISubMenu & <b>enableItem</b> ( unsigned long <i>itemId</i> , Boolean <i>enabled</i> = true );	ISubMenu
IEntryField & <b>enableMargin</b> ( Boolean <i>enable</i> = true );	IEntryField
IButton & <b>enableMouseClickedFocus</b> ( Boolean <i>turnOn</i> = true );	IButton
IListBox & <b>enableMultipleSelect</b> ( Boolean <i>enable</i> = true );	IListBox



## User Interface Library - Other Member Functions

Member Function	Class
IListBox & <b>enableNoAdjustPosition</b> ( Boolean <i>enable</i> = true );	IListBox
IMultiLineEdit & <b>enableRefresh</b> ( Boolean <i>refresh</i> = true );	IMultiLineEdit
IProgressIndicator & <b>enableRibbonStrip</b> ( Boolean <i>ribbonStripOn</i> = true );	IProgressIndicator
IProgressIndicator & <b>enableSnapToTick</b> ( Boolean <i>snapToTickOn</i> = true );	IProgressIndicator
IPushButton & <b>enableSystemCommand</b> ( Boolean <i>enable</i> = true );	IPushButton
IControl & <b>enableTabStop</b> ( Boolean <i>enable</i> = true );	IControl
IContainerControl & <b>enableTitleUpdate</b> ( Boolean <i>enable</i> = true );	IContainerControl
static void <b>enableTrace</b> ( );	ITrace
IMultiLineEdit & <b>enableWordWrap</b> ( Boolean <i>enable</i> = true );	IMultiLineEdit
static void <b>enableWriteLineNumber</b> ( );	ITrace
static void <b>enableWritePrefix</b> ( );	ITrace
virtual IDDEClientConversation & <b>end</b> ( );	IDDEClientConversation
virtual void <b>endAllHotLinks</b> ( );	IDDEClientConversation
virtual void <b>endAllHotLinks</b> ( const char * <i>item</i> );	IDDEClientConversation
virtual IDDETopicServer & <b>endConversation</b> ( unsigned long <i>conversationId</i> );	IDDETopicServer
virtual Boolean <b>endEdit</b> ( ICnrEndEditEvent & <i>event</i> );	ICnrEditHandler
virtual IFrameWindow & <b>endFlashing</b> ( );	IFrameWindow
virtual IDDEClientConversation & <b>endHotLink</b> ( const char * <i>item</i> , const char * <i>format</i> = "#1" );	IDDEClientConversation
virtual IDDEClientConversation & <b>endHotLinks</b> ( const char * <i>item</i> = );	IDDEClientConversation
IFont & <b>endUsingFont</b> ( IPresSpaceHandle <i>hps</i> );	IFont
virtual Boolean <b>enter</b> ( ICnrEnterEvent & <i>event</i> );	ICnrHandler
virtual Boolean <b>enter</b> ( IControlEvent & <i>event</i> );	ISelectHandler
Boolean <b>enterPressed</b> ( ) const;	ICnrEnterEvent
IHelpErrorEvent::ErrorType <b>error</b> ( ) const;	IHelpErrorEvent
unsigned long <b>errorId</b> ( ) const;	IException
virtual unsigned long <b>errorId</b> ( ) const= ;	IErrorInfo, IGUIErrorInfo, ISystemErrorInfo
unsigned long <b>eventId</b> ( ) const;	IEvent
static IWindow::ExceptionFn * <b>exceptionFunction</b> ( );	IWindow
virtual void <b>executeAcknowledged</b> ( IDDEAcknowledgeExecuteEvent & <i>event</i> );	IDDEClientConversation
virtual IDDEClientConversation & <b>executeCommands</b> ( const void * <i>commands</i> , unsigned long <i>commandLength</i> );	IDDEClientConversation
virtual Boolean <b>executeCommands</b> ( unsigned long <i>conversationId</i> , IDDEExecuteEvent & <i>event</i> );	IDDETopicServer
virtual ICurrentApplication & <b>exit</b> ( );	ICurrentApplication
virtual void <b>exit</b> ( unsigned long <i>rc</i> );	ICurrentThread
IContainerControl & <b>expand</b> ( IContainerObject * <i>object</i> );	IContainerControl
IRectangle & <b>expandBy</b> ( const IPair & <i>aPair</i> );	IRectangle

## User Interface Library - Other Member Functions

Member Function	Class
IRectangle & <b>expandBy</b> ( Coord <i>coord</i> );	IRectangle
IRectangle <b>expandedBy</b> ( const IPair & <i>aPair</i> ) const;	IRectangle
IRectangle <b>expandedBy</b> ( Coord <i>coord</i> ) const;	IRectangle
ISetCanvas & <b>expandForText</b> ( );	ISetCanvas
virtual IContainerControl & <b>expandTree</b> ( );	IContainerControl
unsigned long <b>exportSelectedTextToFile</b> ( char * <i>fileName</i> , EOLFormat <i>type</i> = cfTextIMultiLineEdit	IMultiLineEdit
unsigned long <b>exportToFile</b> ( char * <i>fileName</i> , EOLFormat <i>type</i> = cfText );	IMultiLineEdit
IFrameExtensions * <b>extensions</b> ( ) const;	IFrameWindow
long <b>externalLeading</b> ( ) const;	IFontDialog
unsigned long <b>externalLeading</b> ( ) const;	IFont
const struct _FATTRS * <b>fattrs</b> ( ) const;	IFont
unsigned long <b>fileLength</b> ( ) const;	IFileDialogEvent
const char * <b>fileName</b> ( ) const;	IExceptionLocation
IString <b>fileName</b> ( ) const;	IFileDialogEvent
virtual IString <b>fileName</b> ( ) const;	IDynamicLinkLibrary, IResourceLibrary
IString <b>fileName</b> ( unsigned <i>fileNumber</i> = ) const;	IFileDialog
IContainerControl & <b>filter</b> ( );	IContainerControl
IContainerControl & <b>filter</b> ( const IContainerControl::FilterFn & <i>filterObject</i> );	IContainerControl
virtual Boolean <b>filter</b> ( IFileDialogEvent & <i>event</i> );	IFileDialogHandler
unsigned <b>findExtension</b> ( IWindow * <i>window</i> );	IFrameWindow
unsigned <b>findPhrase</b> ( const IString & <i>aPhrase</i> , unsigned <i>startWord</i> , IndexType <i>charOrWord</i> ) const;	IFrameWindow
virtual Boolean <b>findTransaction</b> ( const IEvent & <i>event</i> , Boolean <i>removeMatch</i> = false);	IEventConversation
virtual IContainerColumn * <b>first</b> ( );	IContainerControl::ColumnCursor
virtual IContainerObject * <b>first</b> ( );	IContainerControl::ObjectCursor, IContainerControl::TextCursor
virtual IPageHandle <b>first</b> ( );	INotebook::Cursor
virtual IPageHandle <b>firstPage</b> ( ) const;	INotebook
unsigned long <b>fixedSize</b> ( ) const;	IFrameExtension
IWindowPosBuffer <b>fixupChildren</b> ( );	ICanvas
unsigned long & <b>flags</b> ( );	ISWP
static unsigned long <b>flagsFrom</b> ( const Style & <i>style</i> );	IFrameWindow
IString <b>fontFamily</b> ( ) const;	IFontDialog
const struct _FONTMETRICS * <b>fontmetrics</b> ( ) const;	IFont
unsigned long <b>fontWeight</b> ( ) const;	IFontDialog
unsigned long <b>fontWidth</b> ( ) const;	IFontDialog
IString <b>format</b> ( ) const;	IDDEEvent
virtual Boolean <b>format</b> ( IFrameFormatEvent & <i>formatEvent</i> );	IFrameHandler

## User Interface Library - Other Member Functions

Member Function	Class
IFrameWindow * <b>frame</b> ( ) const;	IFrameEvent
static IBuffer * <b>fromContents</b> ( const char * <i>pBuffer</i> );	IBuffer
const char * <b>functionName</b> ( ) const;	IExceptionLocation
virtual Boolean <b>gotFocus</b> ( IControlEvent & <i>event</i> );	IFocusHandler
unsigned char <b>greenMix</b> ( ) const;	IColor
IAccelTblHandle <b>handle</b> ( ) const;	IAccelerator
IProfileHandle <b>handle</b> ( ) const;	IProfile
IWindowHandle <b>handle</b> ( ) const;	IEvent, IHelpWindow
unsigned long & <b>handle</b> ( );	IPrivateResource, ISharedResource
virtual IModuleHandle <b>handle</b> ( ) const;	IDynamicLinkLibrary, IResourceLibrary
virtual IWindowHandle <b>handle</b> ( ) const;	ISubMenu, IWindow
virtual unsigned long & <b>handle</b> ( )= ;	IResource
virtual void <b>handleAck</b> ( const IEvent & <i>ackEvent</i> );	IDDEClientConversation, IDDETopicServer
virtual void <b>handleAdvise</b> ( const IEvent & <i>adviseEvent</i> );	IDDETopicServer
virtual void <b>handleCursoredChange</b> ( IContainerControl * <i>container</i> , Boolean <i>acquired</i> );	IContainerObject
virtual void <b>handleData</b> ( const IEvent & <i>dataEvent</i> );	IDDEClientConversation
virtual Boolean <b>handleError</b> ( IHelpErrorEvent & <i>errorEvent</i> );	IHelpHandler
virtual ICnrDrawHandler & <b>handleEventsFor</b> ( IContainerControl * <i>container</i> );	ICnrDrawHandler
virtual ICnrEditHandler & <b>handleEventsFor</b> ( IContainerControl * <i>container</i> );	ICnrEditHandler
virtual ICnrHandler & <b>handleEventsFor</b> ( IContainerControl * <i>container</i> );	ICnrHandler
virtual ICnrMenuHandler & <b>handleEventsFor</b> ( IContainerControl * <i>container</i> );	ICnrMenuHandler
virtual IHelpHandler & <b>handleEventsFor</b> ( IFrameWindow * <i>applicationWindow</i> );	IHelpHandler
virtual IInfoArea & <b>handleEventsFor</b> ( IFrameWindow * <i>frame</i> );	IInfoArea
virtual IHandler & <b>handleEventsFor</b> ( IWindow * <i>window</i> );	IHandler
virtual Boolean <b>handleException</b> ( IException & <i>dispatcherException</i> , IEvent & <i>exceptionEvent</i> )= ;	IWindow, IWindow::ExceptionFn
virtual void <b>handleExecute</b> ( const IEvent & <i>executeEvent</i> );	IDDETopicServer
virtual IWindowHandle <b>handleFor</b> ( const Style & <i>aStdControl</i> ) const;	IFrameWindow
virtual void <b>handleInitiate</b> ( const IEvent & <i>initiateEvent</i> );	IDDETopicServer
virtual void <b>handleInitiateAck</b> ( const IEvent & <i>initiateAckEvent</i> );	IDDEClientConversation
virtual void <b>handleInuseChange</b> ( IContainerControl * <i>container</i> , Boolean <i>acquired</i> );	IContainerObject
IWindowHandle <b>handleOnTop</b> ( ) const;	IMouseClickEvent
virtual void <b>handleOpen</b> ( IContainerControl * <i>container</i> );	IContainerObject
virtual void <b>handlePoke</b> ( const IEvent & <i>pokeEvent</i> );	IDDETopicServer
virtual void <b>handleRequest</b> ( const IEvent & <i>requestEvent</i> );	IDDETopicServer
virtual void <b>handleSelectedChange</b> ( IContainerControl * <i>container</i> , Boolean <i>acquired</i> );	IContainerObject

## User Interface Library - Other Member Functions

Member Function	Class
virtual void <b>handleTerminate</b> ( const IEvent & <i>terminateEvent</i> );	IDDEClientConversation, IDDETopicServer
virtual void <b>handleTreeCollapse</b> ( IContainerControl * <i>container</i> );	IContainerObject
virtual void <b>handleTreeExpand</b> ( IContainerControl * <i>container</i> );	IContainerObject
virtual void <b>handleUnadvise</b> ( const IEvent & <i>unadviseEvent</i> );	IDDETopicServer
Boolean <b>hasChanged</b> ( ) const;	IEntryField
Boolean <b>hasFillBackground</b> ( );	IStaticText
Boolean <b>hasFocus</b> ( ) const;	IWindow
Boolean <b>hasSelectedText</b> ( ) const;	IEntryField, IMultiLineEdit
virtual IPointerHandle <b>headingIcon</b> ( ) const;	IContainerColumn
virtual IString <b>headingText</b> ( ) const;	IContainerColumn
Coord <b>height</b> ( ) const;	IRectangle, ISize
virtual Boolean <b>help</b> ( ICnrHelpEvent & <i>event</i> );	ICnrHandler
virtual Boolean <b>help</b> ( IPageHelpEvent & <i>event</i> );	IPageHandler
IFrameWindow * <b>helpForWindow</b> ( ) const;	IHelpWindow
unsigned long <b>helpId</b> ( ) const;	IContainerColumn
virtual unsigned long <b>helpId</b> ( ) const;	IContainerObject
virtual Boolean <b>helpUndefined</b> ( IEvent & <i>event</i> );	IHelpHandler
IHelpWindow * <b>helpWindow</b> ( ) const;	IPageHelpEvent
static IHelpWindow * <b>helpWindow</b> ( const IWindow * <i>window</i> );	IHelpWindow
IHelpWindow & <b>hide</b> ( );	IHelpWindow
virtual IContainerColumn & <b>hide</b> ( );	IContainerColumn
virtual IWindow & <b>hide</b> ( );	IWindow
virtual IContainerObject & <b>hide</b> ( IContainerControl * <i>container</i> = );	IContainerObject
IContainerControl & <b>hideDetailViewTitles</b> ( );	IContainerControl
IComboBox & <b>hideList</b> ( );	IComboBox
IContainerControl & <b>hideObject</b> ( IContainerObject * <i>object</i> );	IContainerControl
IHelpWindow & <b>hidePanellds</b> ( );	IHelpWindow
virtual IContainerColumn & <b>hideSeparators</b> ( const DataStyle & <i>separatorStyles</i> = horizontalSeparator   verticalSeparator )	IContainerColumn
IContainerControl & <b>hideSourceEmphasis</b> ( );	IContainerControl
virtual IWindow & <b>hideSourceEmphasis</b> ( );	IWindow
IContainerControl & <b>hideSourceEmphasis</b> ( IContainerObject * <i>object</i> );	IContainerControl
virtual IContainerControl & <b>hideSplitBar</b> ( );	IContainerControl
IContainerControl & <b>hideTitle</b> ( );	IContainerControl
IContainerControl & <b>hideTitleSeparator</b> ( );	IContainerControl
virtual IContainerControl & <b>hideTreeLine</b> ( );	IContainerControl
char <b>highHighByte</b> ( ) const;	IEventData

## User Interface Library - Other Member Functions

Member Function	Class
virtual IButton & <b>highlight</b> ( );	IButton
virtual Boolean <b>highlight</b> ( IListBoxDrawItemEvent &event );	IListBoxDrawItemHandler
virtual Boolean <b>highlight</b> ( IMenuDrawItemEvent &event );	IMenuDrawItemHandler
char <b>highLowByte</b> ( ) const;	IEventData
unsigned short <b>highNumber</b> ( ) const;	IEventData
HomePosition <b>homePosition</b> ( ) const;	IProgressIndicator
IScrollBar * <b>horizontalScrollBar</b> ( ) const;	IViewPort
unsigned long <b>hotLinkCount</b> ( ) const;	IDDEClientConversation, IDDETopicServer
virtual void <b>hotLinkEnded</b> ( unsigned long <i>conversationId</i> , IDDEEvent &event );	IDDETopicServer
virtual Boolean <b>hotLinkInform</b> ( IDDEClientHotLinkEvent &event );	IDDEClientConversation
IDDEClientConversation & <b>hotLinks</b> ( IDDEClientHotLinkSet &hotLinkSet );	IDDEClientConversation
unsigned long <b>hotLinkUpdate</b> ( const char *item );	IDDETopicServer
unsigned <b>hours</b> ( ) const;	ITime
static IWindowHandle <b>hwndAllocation</b> ( );	IContainerControl
virtual Boolean <b>hyperTextSelect</b> ( IHelpHyperTextEvent &hyperTextEvent );	IHelpHandler
IPointerHandle <b>icon</b> ( ) const;	IIconControl
virtual IPointerHandle <b>icon</b> ( ) const;	IContainerObject, IFrameWindow
static unsigned long <b>iconOffset</b> ( );	IContainerObject
IRectangle <b>iconRectangle</b> ( const IContainerObject *object, Boolean <i>includeText</i> ) const;	IContainerControl
ISize <b>iconSize</b> ( ) const;	IContainerControl
virtual IString <b>iconText</b> ( ) const;	IContainerObject
static unsigned long <b>iconTextOffset</b> ( );	IContainerObject
unsigned long <b>id</b> ( ) const;	IHelpHyperTextEvent, IMenuItem, IResourceId, IWindow
virtual IProcessId <b>id</b> ( ) const;	IApplication
virtual IThreadId <b>id</b> ( ) const;	ICurrentThread, IThread
ICnrObjectSet <b>immediateDescendentsOf</b> ( IContainerObject *parentObject ) const;	IContainerControl
unsigned long <b>importFromFile</b> ( char *fileName, EOLFormat <i>type</i> = cfText );	IMultiLineEdit
virtual IString <b>inactiveText</b> ( ) const;	IInfoArea
Boolean <b>includes</b> ( char <i>aChar</i> ) const;	IString
Boolean <b>includes</b> ( const char *pString ) const;	IString
Boolean <b>includes</b> ( const IString &aString ) const;	IString
Boolean <b>includes</b> ( const IStringTest &aTest ) const;	IString
Boolean <b>includes</b> ( Coord <i>aValue</i> ) const;	IRange
Boolean <b>includesDBCS</b> ( ) const;	IDBCSBuffer, IString
virtual Boolean <b>includesDBCS</b> ( ) const;	IBuffer
Boolean <b>includesSBCS</b> ( ) const;	IDBCSBuffer, IString

## User Interface Library - Other Member Functions

Member Function	Class
virtual Boolean <b>includesSBCS</b> ( ) const;	IBuffer
Boolean <b>inConversation</b> ( ) const;	IDDEClientConversation
virtual IContainerObject & <b>incrementUseCount</b> ( );	IContainerObject
long <b>index</b> ( ) const;	IMenuItem
virtual long <b>index</b> ( ) const;	IColor, IDeviceColor, IGUIColor
unsigned <b>indexOf</b> ( char <i>aCharacter</i> , unsigned <i>startPos</i> = ) const;	IString
unsigned <b>indexOf</b> ( char <i>aCharacter</i> , unsigned <i>startPos</i> = 1 ) const;	IString
unsigned <b>indexOf</b> ( const char * <i>pString</i> , unsigned <i>len</i> , unsigned <i>startPos</i> = 1 ) const;	IDBCSBuffer
virtual unsigned <b>indexOf</b> ( const char * <i>pString</i> , unsigned <i>len</i> , unsigned <i>startPos</i> = 1 ) const;	IBuffer
unsigned <b>indexOf</b> ( const char * <i>pString</i> , unsigned <i>startPos</i> = ) const;	IString
unsigned <b>indexOf</b> ( const char * <i>pString</i> , unsigned <i>startPos</i> = 1 ) const;	IString
unsigned <b>indexOf</b> ( const IString & <i>aString</i> , unsigned <i>startPos</i> = ) const;	IString
unsigned <b>indexOf</b> ( const IString & <i>aString</i> , unsigned <i>startPos</i> = 1 ) const;	IString
unsigned <b>indexOf</b> ( const IStringTest & <i>aTest</i> , unsigned <i>startPos</i> = ) const;	IString
unsigned <b>indexOf</b> ( const IStringTest & <i>aTest</i> , unsigned <i>startPos</i> = 1 ) const;	IDBCSBuffer, IString
virtual unsigned <b>indexOf</b> ( const IStringTest & <i>aTest</i> , unsigned <i>startPos</i> = 1 ) const;	IBuffer
unsigned <b>indexOf</b> ( unsigned long <i>id</i> ) const;	ISWPArray
unsigned <b>indexOfAnyBut</b> ( char <i>validChar</i> , unsigned <i>startPos</i> = ) const;	IString
unsigned <b>indexOfAnyBut</b> ( char <i>validChar</i> , unsigned <i>startPos</i> = 1 ) const;	IString
unsigned <b>indexOfAnyBut</b> ( const char * <i>pString</i> , unsigned <i>len</i> , unsigned <i>startPos</i> = 1 ) const;	IDBCSBuffer
virtual unsigned <b>indexOfAnyBut</b> ( const char * <i>pString</i> , unsigned <i>len</i> , unsigned <i>startPos</i> = 1 ) const;	IBuffer
unsigned <b>indexOfAnyBut</b> ( const char * <i>pValidChars</i> , unsigned <i>startPos</i> = ) const;	IString
unsigned <b>indexOfAnyBut</b> ( const char * <i>pValidChars</i> , unsigned <i>startPos</i> = 1 ) const;	IString
unsigned <b>indexOfAnyBut</b> ( const IString & <i>aString</i> , unsigned <i>startPos</i> = ) const;	IString
unsigned <b>indexOfAnyBut</b> ( const IString & <i>validChars</i> , unsigned <i>startPos</i> = 1 ) const;	IString
unsigned <b>indexOfAnyBut</b> ( const IStringTest & <i>aTest</i> , unsigned <i>startPos</i> = ) const;	IString
unsigned <b>indexOfAnyBut</b> ( const IStringTest & <i>aTest</i> , unsigned <i>startPos</i> = 1 ) const;	IDBCSBuffer, IString
virtual unsigned <b>indexOfAnyBut</b> ( const IStringTest & <i>aTest</i> , unsigned <i>startPos</i> = 1 ) const;	IBuffer
unsigned <b>indexOfAnyOf</b> ( char <i>searchChar</i> , unsigned <i>startPos</i> = ) const;	IString
unsigned <b>indexOfAnyOf</b> ( char <i>searchChar</i> , unsigned <i>startPos</i> = 1 ) const;	IString
unsigned <b>indexOfAnyOf</b> ( const char * <i>pSearchChars</i> , unsigned <i>startPos</i> = ) const;	IString
unsigned <b>indexOfAnyOf</b> ( const char * <i>pSearchChars</i> , unsigned <i>startPos</i> = 1 ) const;	IString
unsigned <b>indexOfAnyOf</b> ( const char * <i>pString</i> , unsigned <i>len</i> , unsigned <i>startPos</i> = 1 ) const;	IDBCSBuffer
virtual unsigned <b>indexOfAnyOf</b> ( const char * <i>pString</i> , unsigned <i>len</i> , unsigned <i>startPos</i> = 1 ) const;	IBuffer

## User Interface Library - Other Member Functions

Member Function	Class
unsigned <b>indexOfAnyOf</b> ( const IString & <i>searchChars</i> , unsigned <i>startPos</i> = ) const;	IString
unsigned <b>indexOfAnyOf</b> ( const IString & <i>searchChars</i> , unsigned <i>startPos</i> = 1 ) const;	IString
unsigned <b>indexOfAnyOf</b> ( const IStringTest & <i>aTest</i> , unsigned <i>startPos</i> = ) const;	IString
unsigned <b>indexOfAnyOf</b> ( const IStringTest & <i>aTest</i> , unsigned <i>startPos</i> = 1 ) const;	IDBCSBuffer, IString
virtual unsigned <b>indexOfAnyOf</b> ( const IStringTest & <i>aTest</i> , unsigned <i>startPos</i> = ) const;	IBuffer
unsigned <b>indexOfPhrase</b> ( const IString & <i>wordString</i> , unsigned <i>startWord</i> = 1 ) const;	IString, IString
unsigned <b>indexOfWord</b> ( unsigned <i>wordNumber</i> ) const;	IString, IString
unsigned <b>indexOfWord</b> ( unsigned <i>wordNumber</i> , unsigned <i>startPos</i> , unsigned <i>numWords</i> ) const;	IString
IWindowHandle <b>indexWindow</b> ( ) const;	IHelpWindow
virtual IString <b>informationFor</b> ( unsigned long <i>menuId</i> ) const;	IInfoArea
IString & <b>initBuffer</b> ( const void * <i>p1</i> , unsigned <i>len1</i> , const void * <i>p2</i> = , unsigned <i>len2</i> = , const void * <i>p3</i> = , unsigned <i>len3</i> = , char <i>padChar</i> = );	IString
IString & <b>initBuffer</b> ( double <i>d</i> );	IString
IString & <b>initBuffer</b> ( long <i>n</i> );	IString
IString & <b>initBuffer</b> ( unsigned long <i>n</i> );	IString
static IBuffer * <b>initialize</b> ( );	IBuffer
static void <b>initialize</b> ( );	IContainerControl
virtual IContainerObject & <b>initialize</b> ( );	IContainerObject
IFrameWindow & <b>initialize</b> ( const IResourceId & <i>resId</i> , const Style & <i>style</i> , IWindow * <i>parent</i> = , IWindow * <i>owner</i> = , const IRectangle & <i>initRect</i> = nextShellRect ( ), const char * <i>title</i> = );	IFrameWindow
ITime & <b>initialize</b> ( long <i>seconds</i> );	ITime
IDate & <b>initialize</b> ( Month <i>aMonth</i> , int <i>aDay</i> , int <i>aYear</i> );	IDate
virtual void <b>initializePM</b> ( long <i>queueSize</i> = );	ICurrentThread
Type <b>inputTypeAllowed</b> ( ) const;	ISpinButton
IBuffer * <b>insert</b> ( const char * <i>pInsert</i> , unsigned <i>insertLen</i> , unsigned <i>pos</i> , char <i>padCharacter</i> );	IDBCSBuffer
virtual IBuffer * <b>insert</b> ( const char * <i>pInsert</i> , unsigned <i>insertLen</i> , unsigned <i>pos</i> , char <i>padCharacter</i> );	IBuffer
IString & <b>insert</b> ( const char * <i>pInsert</i> , unsigned <i>insertLen</i> , unsigned <i>startPos</i> , char <i>padCharacter</i> );	IString
IString & <b>insert</b> ( const char * <i>pString</i> , unsigned <i>index</i> = UINT_MAX, char <i>padCharacter</i> = ' ' );	IString
IString & <b>insert</b> ( const char * <i>pString</i> , unsigned <i>index</i> = , char <i>padCharacter</i> = ' ' );	IString
static IString <b>insert</b> ( const IString & <i>aString</i> , const char * <i>pInsert</i> , unsigned <i>index</i> = , char <i>padCharacter</i> = ' ' );	IString
static IString <b>insert</b> ( const IString & <i>aString</i> , const char * <i>pInsert</i> , unsigned <i>index</i> = UINT_MAX, char <i>padCharacter</i> = ' ' );	IString
static IString <b>insert</b> ( const IString & <i>aString</i> , const IString & <i>anInsert</i> , unsigned <i>index</i> = , char <i>padCharacter</i> = ' ' );	IString

## User Interface Library - Other Member Functions

Member Function	Class
static IString <b>insert</b> ( const IString &aString, const IString &anInsert, unsigned index = UINT_MAX, char padCharacter = ' ' );	IString
IString & <b>insert</b> ( const IString &aString, unsigned index = UINT_MAX, char padCharacter = ' ' );	IString
IString & <b>insert</b> ( const IString &aString, unsigned index = , char padCharacter = ' ' );	IString
long <b>integerWithKey</b> ( const char *key, const char *appName = ) const;	IProfile
unsigned long <b>internalLeading</b> ( ) const;	IFont
Boolean <b>intersects</b> ( const IRectangle &aRect ) const;	IRectangle
virtual Boolean <b>inuseChanged</b> ( ICnrEmphasisEvent &event );	ICnrHandler
IContainerColumn & <b>invalidate</b> ( );	IContainerColumn
virtual ColumnCursor & <b>invalidate</b> ( );	IContainerControl::ColumnCursor
virtual ObjectCursor & <b>invalidate</b> ( );	IContainerControl::ObjectCursor
virtual TextCursor & <b>invalidate</b> ( );	IContainerControl::TextCursor
virtual void <b>invalidate</b> ( );	INotebook::Cursor, IWindow::ChildCursor
void <b>invalidate</b> ( );	IComboBox::Cursor, IListBox::Cursor, IMenu::Cursor, IProfile::Cursor, ISpinButton::Cursor, ISubMenu::Cursor
Boolean <b>isAbbrevFor</b> ( const char *pFullString, unsigned fullLen, unsigned minLen ) const;	IString
Boolean <b>isAbbreviationFor</b> ( const char *pFullString, unsigned minAbbrevLength = ) const;	IString
Boolean <b>isAbbreviationFor</b> ( const IString &fullString, unsigned minAbbrevLength = ) const;	IString
Boolean <b>isAckPositive</b> ( ) const;	IDDEAcknowledgeEvent
Boolean <b>isAckRequested</b> ( ) const;	IDDEClientHotLinkEvent, IDDEDataEvent
Boolean <b>isAckToBeginHotLink</b> ( ) const;	IDDEClientAcknowledgeEvent
Boolean <b>isAckToEndHotLink</b> ( ) const;	IDDEClientAcknowledgeEvent
Boolean <b>isAckToHotLinkUpdate</b> ( ) const;	IDDEServerAcknowledgeEvent
Boolean <b>isAckToRequestData</b> ( ) const;	IDDEClientAcknowledgeEvent
Boolean <b>isAlphabetic</b> ( ) const;	IString
virtual Boolean <b>isAlphabetic</b> ( ) const;	IBuffer
Boolean <b>isAlphanumeric</b> ( ) const;	IString
virtual Boolean <b>isAlphanumeric</b> ( ) const;	IBuffer
Boolean <b>isAltDown</b> ( ) const;	IKeyboardEvent
Boolean <b>isApplicationBusy</b> ( ) const;	IDDEAcknowledgeEvent
Boolean <b>isASCII</b> ( ) const;	IString
virtual Boolean <b>isASCII</b> ( ) const;	IBuffer



## User Interface Library - Other Member Functions

Member Function	Class
virtual Boolean <b>isAttribute</b> ( unsigned long <i>attribute</i> , IContainerControl * <i>container</i> ) const;	IContainerObject
Boolean <b>isAutoDeleteObject</b> ( ) const;	IWindow
Boolean <b>isAutoDestroyWindow</b> ( ) const;	IWindow
Boolean <b>isAutoScroll</b> ( ) const;	IEntryField
virtual Boolean <b>isAutoSelect</b> ( ) const;	ICheckBox, IRadioButton, ISettingButton, I3StateCheckBox
Boolean <b>isAutoSize</b> ( ) const;	INotebook::PageSettings
Boolean <b>isAutoTab</b> ( ) const;	IEntryField
virtual Boolean <b>isAvailable</b> ( ) const;	IErrorInfo, IGUIErrorInfo, ISystemErrorInfo
Boolean <b>isBinaryDigits</b> ( ) const;	IString
Boolean <b>isBitmap</b> ( ) const;	IFont
Boolean <b>isBitmapOnly</b> ( ) const;	IFont
Boolean <b>isBold</b> ( ) const;	IFont
Boolean <b>isBorder</b> ( ) const;	IPushButton, ISpinButton
Boolean <b>isCaseSensitive</b> ( ) const;	IDDEActiveServer, IDDEClientConversation
Boolean <b>isChanged</b> ( ) const;	IMultiLineEdit
Boolean <b>isCharacter</b> ( ) const;	IKeyboardEvent
Boolean <b>isCharValid</b> ( unsigned <i>pos</i> , const char * <i>pValidChars</i> , unsigned <i>numValidChars</i> ) const;	ICharacterBuffer
Boolean <b>isChecked</b> ( ) const;	IMenuDrawItemEvent, IMenuItem
Boolean <b>isCollapsed</b> ( const IContainerObject * <i>object</i> ) const;	IContainerControl
Boolean <b>isColumnExpandable</b> ( unsigned long <i>column</i> ) const;	IMultiCellCanvas
Boolean <b>isColumnRight</b> ( const IContainerColumn * <i>column</i> ) const;	IContainerControl
Boolean <b>isCommand</b> ( ) const;	IEntryField
Boolean <b>isComposite</b> ( ) const;	IKeyboardEvent
Boolean <b>isControl</b> ( ) const;	IString
virtual Boolean <b>isControl</b> ( ) const;	IBuffer
Boolean <b>isCtrlDown</b> ( ) const;	IKeyboardEvent
Boolean <b>isCursored</b> ( const IContainerObject * <i>object</i> ) const;	IContainerControl
Boolean <b>isCursorSelect</b> ( ) const;	IRadioButton
Boolean <b>isDataFromHotLink</b> ( ) const;	IDDEDataEvent
Boolean <b>isDataString</b> ( );	ICnrEditHandler
Boolean <b>isDataRequested</b> ( ) const;	IDDEClientHotLinkEvent, IDDEServerHotLinkEvent
Boolean <b>isDBCS</b> ( ) const;	IDBCSBuffer, IString
virtual Boolean <b>isDBCS</b> ( ) const;	IBuffer
Boolean <b>isDBCS1</b> ( unsigned <i>pos</i> ) const;	IDBCSBuffer

## User Interface Library - Other Member Functions

Member Function	Class
Boolean <b>isDefault</b> ( ) const;	IPushButton
Boolean <b>isDetailsData</b> ( ) const;	ICnrEditEvent
Boolean <b>isDetailsView</b> ( ) const;	IContainerControl
Boolean <b>isDigits</b> ( ) const;	IString
virtual Boolean <b>isDigits</b> ( ) const;	IBuffer
Boolean <b>isDisabled</b> ( ) const;	IMenuDrawItemEvent, IMenuItem, IWindow
Boolean <b>isDrawItem</b> ( );	IListBox, IMenuItem
Boolean <b>isDrawItemEnabled</b> ( ) const;	IProgressIndicator
Boolean <b>isDropOnAble</b> ( const IContainerObject *object ) const;	IContainerControl
virtual Boolean <b>isDropOnAble</b> ( IContainerControl *container = ) const;	IContainerObject
Boolean <b>isEmpty</b> ( ) const;	IComboBox, IEntryField, IListBox
virtual Boolean <b>isEmpty</b> ( ) const;	INotebook
Boolean <b>isEnabled</b> ( ) const;	IHandler
Boolean <b>isEntryPoint32Bit</b> ( const char *procedureName ) const;	IDynamicLinkLibrary
Boolean <b>isEntryPoint32Bit</b> ( unsigned long procedureOrdinal ) const;	IDynamicLinkLibrary
virtual int <b>isEqual</b> ( IContainerObject *object1, IContainerObject *object2, IContainerControl *container ) const= ;	IContainerControl::CompareFn
Boolean <b>isExpanded</b> ( const IContainerObject *object ) const;	IContainerControl
Boolean <b>isExtendedSelect</b> ( );	IListBox
Boolean <b>isFastSpin</b> ( ) const;	ISpinButton
Boolean <b>isFixed</b> ( ) const;	IFont
Boolean <b>isFlashing</b> ( ) const;	IFrameWindow
Boolean <b>isFlowed</b> ( ) const;	IContainerControl
Boolean <b>isForComposite</b> ( ) const;	IKeyboardEvent
Boolean <b>isFrame</b> ( ) const;	IHelpSubItemNotFoundEvent
Boolean <b>isFramed</b> ( ) const;	IMenuItem
Boolean <b>isFrameWindow</b> ( ) const;	IWindow
Boolean <b>isFromFrame</b> ( ) const;	ICommandEvent
Boolean <b>isGraphics</b> ( ) const;	IString
virtual Boolean <b>isGraphics</b> ( ) const;	IBuffer
Boolean <b>isGroup</b> ( ) const;	IControl
Boolean <b>isHalfToned</b> ( ) const;	I3StateCheckBox
Boolean <b>isHelp</b> ( ) const;	IPushButton
Boolean <b>isHexDigits</b> ( ) const;	IString
virtual Boolean <b>isHexDigits</b> ( ) const;	IBuffer
Boolean <b>isHighlighted</b> ( ) const;	IButton, IMenuItem
Boolean <b>isHorizontal</b> ( ) const;	ICnrScrollEvent, IScrollBar

## User Interface Library - Other Member Functions

Member Function	Class
Boolean <b>isHorizontalBar</b> ( ) const;	IMenu
Boolean <b>isHorizontalScroll</b> ( );	IComboBox, IListBox
Boolean <b>isIconView</b> ( ) const;	IContainerControl
Boolean <b>isInsertMode</b> ( ) const;	IEntryField
Boolean <b>isInUse</b> ( const IContainerObject * <i>object</i> ) const;	IContainerControl
virtual Boolean <b>isInUse</b> ( IContainerControl * <i>container</i> = ) const;	IContainerObject
Boolean <b>isInvalidComposite</b> ( ) const;	IKeyboardEvent
Boolean <b>isItalic</b> ( ) const;	IFont
Boolean <b>isItemChecked</b> ( unsigned long <i>itemId</i> ) const;	IMenu
Boolean <b>isItemDisabled</b> ( unsigned long <i>itemId</i> ) const;	IMenu
Boolean <b>isItemSelected</b> ( unsigned long <i>itemId</i> ) const;	IMenu
virtual Boolean <b>isLayoutDistorted</b> ( ) const;	IWindow
static Boolean <b>isLeapYear</b> ( int <i>aYear</i> );	IDate
Boolean <b>isLeftDetails</b> ( ) const;	ICnrEditEvent, ICnrScrollEvent
Boolean <b>isLeftDetailsHeading</b> ( ) const;	ICnrEditEvent
Boolean <b>isLike</b> ( const char * <i>pPattern</i> , char <i>zeroOrMore</i> = ' *', char <i>anyChar</i> = IString const;	
Boolean <b>isLike</b> ( const char * <i>pPattern</i> , unsigned <i>patternLen</i> , char <i>zeroOrMore</i> , char <i>anyChar</i> ) const;	IString
Boolean <b>isLike</b> ( const IString & <i>aPattern</i> , char <i>zeroOrMore</i> = ' *', char <i>anyChar</i> ) const;	IString
Boolean <b>isListShowing</b> ( ) const;	IComboBox
Boolean <b>isLowerCase</b> ( ) const;	IString
virtual Boolean <b>isLowerCase</b> ( ) const;	IBuffer
Boolean <b>isMajorTab</b> ( ) const;	INotebook::PageSettings
Boolean <b>isMargin</b> ( ) const;	IEntryField
Boolean <b>isMaster</b> ( ) const;	ISpinButton
Boolean <b>isMaximized</b> ( ) const;	IFrameWindow
virtual Boolean <b>isMemberOf</b> ( IContainerObject * <i>object</i> , IContainerControl * <i>container</i> ) const;	IContainerControl::FilterFn
Boolean <b>isMenu</b> ( ) const;	IHelpSubItemNotFoundEvent
Boolean <b>isMessageUnderstood</b> ( ) const;	IDDEAcknowledgeEvent
Boolean <b>isMinimized</b> ( ) const;	IFrameWindow
Boolean <b>isMinorTab</b> ( ) const;	INotebook::PageSettings
Boolean <b>isModal</b> ( ) const;	IFrameWindow
Boolean <b>isModeless</b> ( ) const;	IFileDialog, IFontDialog
Boolean <b>isMultipleSelect</b> ( );	IListBox
Boolean <b>isNameView</b> ( ) const;	IContainerControl
Boolean <b>isNoAdjustPosition</b> ( );	IListBox

## User Interface Library - Other Member Functions

Member Function	Class
Boolean <b>isNoDismiss</b> ( ) const;	MenuItem
Boolean <b>isNonPropOnly</b> ( ) const;	IFont
virtual Boolean <b>isOpen</b> ( ) const;	IContainerObject, IDynamicLinkLibrary, IResourceLibrary
Boolean <b>isOutline</b> ( ) const;	IFont
Boolean <b>isPacingRequested</b> ( ) const;	IDDEServerHotLinkEvent
virtual Boolean <b>isPMInitialized</b> ( ) const;	ICurrentThread
Boolean <b>isPrevDBCS</b> ( unsigned <i>pos</i> ) const;	IDBCSBuffer
Boolean <b>isPrimaryWindow</b> ( ) const;	IWindow
Boolean <b>isPrintable</b> ( ) const;	IString
virtual Boolean <b>isPrintable</b> ( ) const;	IBuffer
Boolean <b>isPunctuation</b> ( ) const;	IString
virtual Boolean <b>isPunctuation</b> ( ) const;	IBuffer
Boolean <b>isReadOnly</b> ( ) const;	IEntryField, IMultiLineEdit, ISpinButton
Boolean <b>isReadOnly</b> ( const IContainerObject * <i>object</i> ) const;	IContainerControl
virtual Boolean <b>isReadOnly</b> ( IContainerControl * <i>container</i> = ) const;	IContainerObject
virtual int <b>isRecoverable</b> ( ) const;	Exception
Boolean <b>isRefreshOn</b> ( );	IContainerControl
virtual Boolean <b>isRefreshOn</b> ( ) const;	IContainerObject
Boolean <b>isRepeat</b> ( ) const;	IKeyboardEvent
Boolean <b>isRibbonStripEnabled</b> ( ) const;	IProgressIndicator
Boolean <b>isRightDetails</b> ( ) const;	ICnrEditEvent, ICnrScrollEvent
Boolean <b>isRightDetailsHeading</b> ( ) const;	ICnrEditEvent
Boolean <b>isRowExpandable</b> ( unsigned long <i>row</i> ) const;	IMultiCellCanvas
Boolean <b>isSBCS</b> ( ) const;	IDBCSBuffer, IString
virtual Boolean <b>isSBCS</b> ( ) const;	IBuffer
Boolean <b>isScanCode</b> ( ) const;	IKeyboardEvent
Boolean <b>isSelectable</b> ( ) const;	MenuItem
Boolean <b>isSelected</b> ( ) const;	IListBoxDrawItemEvent, IMenuDrawItemEvent, ISettingButton
Boolean <b>isSelected</b> ( const IContainerObject * <i>object</i> ) const;	IContainerControl
Boolean <b>isSelected</b> ( unsigned long <i>index</i> );	IComboBox, IListBox
Boolean <b>isSeparator</b> ( ) const;	MenuItem
Boolean <b>isServant</b> ( ) const;	ISpinButton
Boolean <b>isSet</b> ( ) const;	IAccelerator
Boolean <b>isShiftDown</b> ( ) const;	IKeyboardEvent
Boolean <b>isShowing</b> ( ) const;	IWindow

## User Interface Library - Other Member Functions

Member Function	Class
Boolean <b>isSnapToTickEnabled</b> ( ) const;	IProgressIndicator
virtual Boolean <b>isStarted</b> ( ) const;	IThread
Boolean <b>isStatusTextOn</b> ( ) const;	INotebook::PageSettings
Boolean <b>isStrikeout</b> ( ) const;	IFont
Boolean <b>isSystemCommand</b> ( ) const;	IPushButton
virtual Boolean <b>isTabStop</b> ( ) const;	ICanvas, IControl, IWindow
Boolean <b>isTarget</b> ( const IContainerObject * <i>object</i> ) const;	IContainerControl
Boolean <b>isTextView</b> ( ) const;	IContainerControl
Boolean <b>isTitleVisible</b> ( ) const;	IContainerControl
Boolean <b>isTitleWindow</b> ( ) const;	ICnrEditEvent
static Boolean <b>isTraceEnabled</b> ( );	ITrace
Boolean <b>isTreeView</b> ( ) const;	IContainerControl
Boolean <b>isUncombined</b> ( ) const;	IKeyboardEvent
Boolean <b>isUnderscore</b> ( ) const;	IFont
Boolean <b>isUndoable</b> ( ) const;	IMultiLineEdit
Boolean <b>isUpperCase</b> ( ) const;	IString
virtual Boolean <b>isUpperCase</b> ( ) const;	IBuffer
Boolean <b>isUpTransition</b> ( ) const;	IKeyboardEvent
Boolean <b>isValid</b> ( ) const;	IComboBox::Cursor, IListBox::Cursor, IMenu::Cursor, ISpinButton::Cursor, ISubMenu::Cursor, IWindow, IWindowHandle
virtual Boolean <b>isValid</b> ( ) const;	IContainerControl::ColumnCursor, IContainerControl::ObjectCursor, IContainerControl::TextCursor, INotebook::Cursor, IWindow::ChildCursor
Boolean <b>isValid</b> ( Boolean <i>checkFile</i> = false ) const;	IProfile::Cursor
Boolean <b>isValid</b> ( Boolean <i>updateContent</i> = false ) const;	ISpinButton
static Boolean <b>isValid</b> ( int <i>aDay</i> , Month <i>aMonth</i> , int <i>aYear</i> );	IDate
static Boolean <b>isValid</b> ( int <i>aYear</i> , int <i>aDay</i> );	IDate
static Boolean <b>isValid</b> ( Month <i>aMonth</i> , int <i>aDay</i> , int <i>aYear</i> );	IDate
Boolean <b>isValidDBCS</b> ( ) const;	IDBCSBuffer, IString
virtual Boolean <b>isValidDBCS</b> ( ) const;	IBuffer
Boolean <b>isVectorOnly</b> ( ) const;	IFont
Boolean <b>isVertical</b> ( ) const;	ICnrScrollEvent, IProgressIndicator, IScrollBar
Boolean <b>isVerticalFlip</b> ( ) const;	IMenu
Boolean <b>isVirtual</b> ( ) const;	IKeyboardEvent

## User Interface Library - Other Member Functions

Member Function	Class
Boolean <b>isVisible</b> ( ) const;	IContainerColumn, IContainerControl, IWindow
Boolean <b>isVisible</b> ( const IContainerObject * <i>object</i> ) const;	IContainerControl
virtual Boolean <b>isVisible</b> ( IContainerControl * <i>container</i> = ) const;	IContainerObject
Boolean <b>isWhiteSpace</b> ( ) const;	IString
virtual Boolean <b>isWhiteSpace</b> ( ) const;	IBuffer
Boolean <b>isWindow</b> ( ) const;	IHelpSubItemNotFoundEvent
Boolean <b>isWordWrap</b> ( ) const;	IMultiLineEdit
static Boolean <b>isWriteLineNumberEnabled</b> ( );	ITrace
static Boolean <b>isWritePrefixEnabled</b> ( );	ITrace
Boolean <b>is32Bit</b> ( ) const;	IProcedureAddress
IString <b>item</b> ( ) const;	IDDEEvent
unsigned long <b>itemHandle</b> ( unsigned long <i>index</i> ) const;	IComboBox, IListBox
virtual unsigned long <b>itemId</b> ( ) const;	ICnrDrawBackgroundEvent, IDrawItemEvent, INotebookDrawItemEvent
virtual IPresSpaceHandle <b>itemPresSpaceHandle</b> ( ) const;	ICnrDrawBackgroundEvent, ICnrDrawItemEvent, IDrawItemEvent
virtual IRectangle <b>itemRect</b> ( ) const;	ICnrDrawBackgroundEvent, ICnrDrawItemEvent, IDrawItemEvent
IRectangle <b>itemRect</b> ( unsigned long <i>itemId</i> ) const;	IMenu
IString <b>itemText</b> ( unsigned long <i>index</i> ) const;	IComboBox, IListBox
virtual ItemType <b>itemType</b> ( ) const;	ICnrDrawItemEvent
unsigned long <b>julianDate</b> ( ) const;	IDate
virtual IContainerColumn & <b>justifyData</b> ( <i>VerticalAlignment</i> = centeredVertically, IContainerColumn <i>HorizontalAlignment</i> = centered );	IContainerColumn
virtual IContainerColumn & <b>justifyHeading</b> ( <i>VerticalAlignment</i> = centeredVertically, <i>HorizontalAlignment</i> = centered );	IContainerColumn
virtual Boolean <b>key</b> ( IKeyboardEvent & <i>keyevt</i> );	IKeyboardHandler
IString <b>keyName</b> ( );	ISharedResource
virtual Boolean <b>keysHelpId</b> ( IEvent & <i>event</i> );	IHelpHandler
virtual IContainerColumn * <b>last</b> ( );	IContainerControl::ColumnCursor
virtual IContainerObject * <b>last</b> ( );	IContainerControl::ObjectCursor, IContainerControl::TextCursor
virtual IPageHandle <b>last</b> ( );	INotebook::Cursor
unsigned <b>lastIndexOf</b> ( char <i>aCharacter</i> , unsigned <i>endPos</i> = UINT_MAX ) const;	IString, IString
unsigned <b>lastIndexOf</b> ( const char * <i>pString</i> , unsigned <i>endPos</i> = UINT_MAX-1 ) const;	IString, IString
unsigned <b>lastIndexOf</b> ( const char * <i>pString</i> , unsigned <i>len</i> , unsigned <i>startPos</i> = const;	IDBCSBuffer
virtual unsigned <b>lastIndexOf</b> ( const char * <i>pString</i> , unsigned <i>len</i> , unsigned <i>startPos</i> = ) const;	IBuffer

## User Interface Library - Other Member Functions

Member Function	Class
unsigned <b>lastIndexOf</b> ( const IString &aString, unsigned endPos = UINT_MAX ) const;	IString, IString
unsigned <b>lastIndexOf</b> ( const IStringTest &aTest, unsigned startPos = UINT_MAX-IDBCSBuffer, IString, IString const;	IDBCSBuffer, IString, IString
virtual unsigned <b>lastIndexOf</b> ( const IStringTest &aTest, unsigned startPos = IBuffer const;	IBuffer
unsigned <b>lastIndexOfAnyBut</b> ( char validChar, unsigned startPos = UINT_MAX-1 ) const;	IString, IString
unsigned <b>lastIndexOfAnyBut</b> ( const char *pString, unsigned len, unsigned startPos = IDBCSBuffer ) const;	IDBCSBuffer
virtual unsigned <b>lastIndexOfAnyBut</b> ( const char *pString, unsigned len, unsigned startPos = ) const;	IBuffer
unsigned <b>lastIndexOfAnyBut</b> ( const char *pValidChars, unsigned endPos = UINT_MAX-IDBCSBuffer, IString const;	IDBCSBuffer, IString
unsigned <b>lastIndexOfAnyBut</b> ( const IString &validChars, unsigned endPos = UINT_MAX-IDBCSBuffer, IString const;	IDBCSBuffer, IString
unsigned <b>lastIndexOfAnyBut</b> ( const IStringTest &aTest, unsigned endPos = UINT_MAX-IDBCSBuffer, IString const;	IDBCSBuffer, IString
unsigned <b>lastIndexOfAnyBut</b> ( const IStringTest &aTest, unsigned startPos = ) IDBCSBuffer	IDBCSBuffer
virtual unsigned <b>lastIndexOfAnyBut</b> ( const IStringTest &aTest, unsigned startPos = IBuffer const;	IBuffer
unsigned <b>lastIndexOfAnyOf</b> ( char searchChar, unsigned startPos = UINT_MAX ) const;	IString, IString
unsigned <b>lastIndexOfAnyOf</b> ( const char *pSearchChars, unsigned endPos = UINT_MAX-IDBCSBuffer, IString const;	IDBCSBuffer, IString
unsigned <b>lastIndexOfAnyOf</b> ( const char *pString, unsigned len, unsigned startPos = IDBCSBuffer const;	IDBCSBuffer
virtual unsigned <b>lastIndexOfAnyOf</b> ( const char *pString, unsigned len, unsigned startPos = ) const;	IBuffer
unsigned <b>lastIndexOfAnyOf</b> ( const IString &searchChars, unsigned endPos = UINT_MAX-IDBCSBuffer, IString const;	IDBCSBuffer, IString
unsigned <b>lastIndexOfAnyOf</b> ( const IStringTest &aTest, unsigned endPos = UINT_MAX-IDBCSBuffer, IString const;	IDBCSBuffer, IString
unsigned <b>lastIndexOfAnyOf</b> ( const IStringTest &aTest, unsigned startPos = ) IDBCSBuffer	IDBCSBuffer
virtual unsigned <b>lastIndexOfAnyOf</b> ( const IStringTest &aTest, unsigned startPos = IBuffer const;	IBuffer
virtual IPageHandle <b>lastPage</b> ( ) const;	INotebook
virtual ICanvas & <b>layout</b> ( );	ICanvas, IViewPort
virtual IMultiCellCanvas & <b>layout</b> ( );	IMultiCellCanvas
virtual ISetCanvas & <b>layout</b> ( );	ISetCanvas
virtual ISplitCanvas & <b>layout</b> ( );	ISplitCanvas
const ISize & <b>layoutSize</b> ( ) const;	ICanvas
LayoutType <b>layoutType</b> ( ) const;	IMenuItem
Coord <b>left</b> ( ) const;	IRectangle
IPoint <b>leftCenter</b> ( ) const;	IRectangle

## User Interface Library - Other Member Functions

Member Function	Class
unsigned long <b>leftIndex</b> ( ) const;	IEntryField
static IString <b>leftJustify</b> ( const IString &aString, unsigned length, char padCharacter = ' ' );	IString
IString & <b>leftJustify</b> ( unsigned length, char padCharacter = ' ' );	IString
IBuffer * <b>leftJustify</b> ( unsigned newLen, char padCharacter );	IDBCSBuffer
virtual IBuffer * <b>leftJustify</b> ( unsigned newLen, char padCharacter );	IBuffer
unsigned <b>length</b> ( ) const;	IBuffer, IString
static unsigned <b>lengthOf</b> ( const char *p );	IString
unsigned <b>lengthOfWord</b> ( unsigned wordNumber ) const;	IString
unsigned long <b>limit</b> ( ) const;	IEntryField, IMultiLineEdit
virtual Boolean <b>lineDown</b> ( IScrollEvent &event );	IScrollHandler
static IString <b>lineFrom</b> ( istream &aStream, char delim = '\n' );	IString
virtual Boolean <b>lineLeft</b> ( IScrollEvent &event );	IScrollHandler
unsigned long <b>lineNumber</b> ( ) const;	IExceptionLocation
virtual Boolean <b>lineRight</b> ( IScrollEvent &event );	IScrollHandler
long <b>lineSpacing</b> ( ) const;	IContainerControl
virtual Boolean <b>lineUp</b> ( IScrollEvent &event );	IScrollHandler
virtual Boolean <b>listShown</b> ( IControlEvent &event )= ;	IShowListHandler
IAccelerTableHandle <b>loadAccelerTable</b> ( unsigned long accelTableId ) const;	IResourceLibrary
IBitmapHandle <b>loadBitmap</b> ( unsigned long bitmapId, Boolean cached = true ) const;	IResourceLibrary
IBitmapHandle <b>loadBitmap</b> ( unsigned long bitmapId, const ISize &bitmapSize, Boolean cached = true ) const;	IResourceLibrary
IWindowHandle <b>loadDialog</b> ( unsigned long dialogId, IWindow *dialogParent, IWindow *dialogOwner, IWinProc *dialogProcedure, void *dialogCreateParameters ) const;	IResourceLibrary
IResourceLibrary & <b>loadHelpTable</b> ( IWindow *helpInstance, unsigned long helpTableId ) const;	IResourceLibrary
IPointerHandle <b>loadIcon</b> ( unsigned long iconId, Boolean cached = true ) const;	IResourceLibrary
IWindowHandle <b>loadMenu</b> ( unsigned long menuId, IWindow *menuOwner ) const;	IResourceLibrary
IString <b>loadMessage</b> ( unsigned long messageId ) const;	IResourceLibrary
IPointerHandle <b>loadPointer</b> ( unsigned long iconId, Boolean cached = true ) const;	IResourceLibrary
IString <b>loadString</b> ( unsigned long stringId ) const;	IResourceLibrary
IFrameWindow & <b>locateClient</b> ( );	IFrameWindow
unsigned long <b>locateText</b> ( const char *searchString, Boolean caseSensitive = true, Boolean checkSubstring = true, long index = ) const;	IComboBox
unsigned long <b>locateText</b> ( const char *searchString, Boolean caseSensitive = true, Boolean checkSubstring = true, long index = -1 ) const;	IListBox
IFrameWindow::Location <b>location</b> ( ) const;	IFrameExtension
const IExceptionLocation * <b>locationAtIndex</b> ( unsigned long locationIndex ) const;	IException
unsigned long <b>locationCount</b> ( ) const;	IException



## User Interface Library - Other Member Functions

Member Function	Class
<code>IResource &amp; lock ( long <i>timeOut</i> = -1 );</code>	<code>IResource</code>
<code>virtual IException &amp; logExceptionData ( );</code>	<code>IException</code>
<code>virtual Boolean lostFocus ( IControlEvent &amp;event );</code>	<code>IFocusHandler</code>
<code>Coord lowerBound ( ) const;</code>	<code>IRange</code>
<code>IBuffer * lowerCase ( );</code>	<code>IDBCSBuffer</code>
<code>IString &amp; lowerCase ( );</code>	<code>IString</code>
<code>virtual IBuffer * lowerCase ( );</code>	<code>IBuffer</code>
<code>static IString lowerCase ( const IString &amp;aString );</code>	<code>IString</code>
<code>char lowHighByte ( ) const;</code>	<code>IEventData</code>
<code>char lowLowByte ( ) const;</code>	<code>IEventData</code>
<code>unsigned short lowNumber ( ) const;</code>	<code>IEventData</code>
<code>virtual Boolean makePopUpMenu ( IMenuEvent &amp;menuEvent );</code>	<code>IMenuHandler</code>
<code>static IPoint mapPoint ( const IPoint &amp;aPoint, const IWindowHandle &amp;from, const IWindowHandle &amp;to );</code>	<code>IWindow</code>
<code>ISize margin ( ) const;</code>	<code>ISetCanvas</code>
<code>unsigned long maxAscender ( ) const;</code>	<code>IFont</code>
<code>unsigned long maxCharHeight ( ) const;</code>	<code>IFont</code>
<code>unsigned long maxDescender ( ) const;</code>	<code>IFont</code>
<code>virtual IFrameWindow &amp; maximize ( );</code>	<code>IFrameWindow</code>
<code>virtual IRectangle maximizeRect ( ) const;</code>	<code>IFrameWindow</code>
<code>IPair maximum ( const IPair &amp;aPair ) const;</code>	<code>IPair</code>
<code>unsigned long maxLowercaseAscender ( ) const;</code>	<code>IFont</code>
<code>unsigned long maxLowercaseDescender ( ) const;</code>	<code>IFont</code>
<code>ISize maxSize ( ) const;</code>	<code>IFont</code>
<code>ISize maxUppercaseSize ( ) const;</code>	<code>IFont</code>
<code>virtual Boolean menuBarCommand ( IHelpMenuBarEvent &amp;menuBarEvent );</code>	<code>IHelpHandler</code>
<code>virtual Boolean menuEnded ( IMenuEvent &amp;menuEvent );</code>	<code>ICnrMenuHandler, IInfoArea, IMenuHandler</code>
<code>MenuItem menuItem ( ) const;</code>	<code>IMenuEvent</code>
<code>MenuItem menuItem ( unsigned long <i>itemId</i> ) const;</code>	<code>IMenu</code>
<code>unsigned long menuItemId ( ) const;</code>	<code>IMenuEvent</code>
<code>virtual Boolean menuSelected ( IMenuEvent &amp;menuEvent );</code>	<code>IInfoArea, IMenuHandler</code>
<code>virtual Boolean menuShowing ( IMenuEvent &amp;menuEvent, ISubMenu &amp;subMenuAboutToShow );</code>	<code>IInfoArea, IMenuHandler</code>
<code>static char * messageFile ( );</code>	<code>IBase</code>
<code>MessageQueueHandle messageQueue ( ) const;</code>	<code>IWindow</code>
<code>virtual IMessageQueueHandle messageQueue ( ) const;</code>	<code>ICurrentThread</code>

## User Interface Library - Other Member Functions

Member Function	Class
static IMessageText <b>messageText</b> ( unsigned long <i>messageId</i> , const char * <i>textInsert1</i> = , const char * <i>textInsert2</i> = , const char * <i>textInsert3</i> = , const char * <i>textInsert4</i> = , const char * <i>textInsert5</i> = , const char * <i>textInsert6</i> = , const char * <i>textInsert7</i> = , const char * <i>textInsert8</i> = , const char * <i>textInsert9</i> = );	IBase
virtual IFrameWindow & <b>minimize</b> ( );	IFrameWindow
virtual IRectangle <b>minimizeRect</b> ( ) const;	IFrameWindow
IPair <b>minimum</b> ( const IPair & <i>aPair</i> ) const;	IPair
ISize <b>minimumSize</b> ( ) const;	IWindow
unsigned long <b>minScrollIncrement</b> ( ) const;	IScrollBar
unsigned long <b>minTextWidth</b> ( const char * <i>line</i> ) const;	IFont
unsigned <b>minutes</b> ( ) const;	ITime
virtual IString <b>missingText</b> ( ) const;	IInfoArea
IString <b>mixedCharacter</b> ( ) const;	IKeyboardEvent
IHandler * <b>mleHandler</b> ( ) const;	ICnrEditHandler
virtual Boolean <b>modelessResults</b> ( IFileDialog * <i>endingDialog</i> );	IFileDialogHandler
virtual Boolean <b>modelessResults</b> ( IFontDialog * <i>endingDialog</i> );	IFontDialogHandler
IString <b>monthName</b> ( ) const;	IDate
static IString <b>monthName</b> ( Month <i>aMonth</i> );	IDate
Month <b>monthOfYear</b> ( ) const;	IDate
MouseAction <b>mouseAction</b> ( ) const;	IMouseClickEvent
virtual Boolean <b>mouseClicked</b> ( IMouseClickEvent & <i>keyevt</i> )= ;	IMouseClickHandler
MouseNumber <b>mouseNumber</b> ( ) const;	IMouseClickEvent
IPoint <b>mousePosition</b> ( ) const;	IMenuEvent, IMouseClickEvent
IProgressIndicator & <b>moveArmToPixel</b> ( unsigned long <i>armOffset</i> );	IProgressIndicator
IProgressIndicator & <b>moveArmToTick</b> ( unsigned long <i>tickNumber</i> );	IProgressIndicator
IRectangle & <b>moveBy</b> ( const IPair & <i>aPair</i> );	IRectangle
IRectangle <b>movedBy</b> ( const IPair & <i>aPair</i> ) const;	IRectangle
IRectangle <b>movedTo</b> ( const IPoint & <i>aPoint</i> ) const;	IRectangle
virtual IContainerControl & <b>moveIconTo</b> ( IContainerObject * <i>object</i> , const IPoint & <i>aPoint</i> );	IContainerControl
virtual Boolean <b>moveObjectTo</b> ( IContainerObject * <i>moveObject</i> , IContainerObject * <i>newParentObject</i> = , IContainerControl * <i>newContainer</i> = , IContainerObject * <i>afterObject</i> = , const IPoint & <i>iconViewLocation</i> = IPoint ( , ) );	IContainerControl
IScrollHandler & <b>moveScrollBar</b> ( IScrollEvent & <i>event</i> );	IScrollHandler
IScrollBar & <b>moveScrollBarTo</b> ( unsigned long <i>firstItem</i> = 1 );	IScrollBar
IHelpWindow & <b>moveSizeTo</b> ( const IRectangle & <i>aRectangle</i> );	IHelpWindow
virtual IWindow & <b>moveSizeTo</b> ( const IRectangle & <i>aRectangle</i> );	IWindow
IHelpWindow & <b>moveTo</b> ( const IPoint & <i>aPoint</i> );	IHelpWindow

## User Interface Library - Other Member Functions

Member Function	Class
<code>IRectangle &amp; moveTo ( const IPoint &amp;aPoint );</code>	<code>IRectangle</code>
<code>virtual IWindow &amp; moveTo ( const IPoint &amp;aPoint );</code>	<code>IWindow</code>
<code>virtual IMultiLineEdit * multiLineEdit ( const IWindowHandle &amp;handleMultiLineEdit CnrEditHandler</code>	<code>CnrEditHandler</code>
<code>IString name ( ) const;</code>	<code>IFont, IProfile</code>
<code>virtual const char * name ( ) const;</code>	<code>IAccessError, IAssertionFailure, IDeviceError, IException, IInvalidParameter, IInvalidRequest, IOutOfMemory, IOutOfSystemResource, IOutOfWindowResource, IResourceExhausted</code>
<code>IBuffer * newBuffer ( const void *p1, unsigned len1, const void *p2 = , unsigned len2 = , const void *p3 = , unsigned len3 = , char padChar = ) const;</code>	<code>IBuffer</code>
<code>unsigned long newScrollBarPosition ( ) const;</code>	<code>IScrollEvent</code>
<code>ISize newSize ( ) const;</code>	<code>IResizeEvent</code>
<code>static IStartedThread * newStartedThread ( );</code>	<code>IThread</code>
<code>IString newText ( );</code>	<code>ICnrEndEditEvent</code>
<code>virtual IString newText ( );</code>	<code>ICnrReallocStringEvent</code>
<code>long newTextSize ( );</code>	<code>ICnrReallocStringEvent</code>
<code>virtual IContainerColumn * next ( );</code>	<code>IContainerControl::ColumnCursor</code>
<code>virtual IContainerObject * next ( );</code>	<code>IContainerControl::ObjectCursor, IContainerControl::TextCursor</code>
<code>virtual IPageHandle next ( );</code>	<code>INotebook::Cursor</code>
<code>char * next ( const char *prev );</code>	<code>IDBCSBuffer</code>
<code>const char * next ( const char *prev ) const;</code>	<code>IDBCSBuffer</code>
<code>virtual char * next ( const char *prev );</code>	<code>IBuffer</code>
<code>virtual const char * next ( const char *prev ) const;</code>	<code>IBuffer</code>
<code>virtual IPageHandle nextPage ( const IPageHandle &amp;referencePage ) const;</code>	<code>INotebook</code>
<code>static IRectangle nextShellRect ( );</code>	<code>IFrameWindow</code>
<code>static long nlsCompare ( const char *text1, const char *text2 );</code>	<code>IContainerControl</code>
<code>long nominalPointSize ( ) const;</code>	<code>IFontDialog</code>
<code>virtual INotebook * notebook ( ) const;</code>	<code>IPageEvent, IPageHelpEvent, IPageRemoveEvent, IPageSelectEvent</code>
<code>virtual IFrameWindow &amp; notifyOwner ( unsigned short id, ICommandEvent::Source source = ICommandEvent::unknown, Boolean ptrDevice = false );</code>	<code>IFrameWindow</code>
<code>static ITime now ( );</code>	<code>ITime</code>
<code>IBuffer * null ( ) const;</code>	<code>IBuffer</code>
<code>unsigned long numberOfApplications ( ) const;</code>	<code>IProfile</code>
<code>unsigned long numberOfColumnChanges ( ) const;</code>	<code>IContainerControl</code>
<code>virtual unsigned numberOfExtensions ( IFrameWindow *pFrame );</code>	<code>IFrameHandler</code>

## User Interface Library - Other Member Functions

Member Function	Class
unsigned long <b>numberOfItems</b> ( unsigned long <i>forSubMenuId</i> = ) const;	IMenu
unsigned long <b>numberOfKeys</b> ( const char * <i>appName</i> = ) const;	IProfile
unsigned long <b>numberOfLines</b> ( ) const;	IMultiLineEdit
unsigned long <b>numberOfObjectChanges</b> ( ) const;	IContainerControl
unsigned long <b>numberOfSelections</b> ( ) const;	IComboBox, IListBox
unsigned long <b>numberOfTicks</b> ( Scale <i>scale</i> ) const;	IProgressIndicator
unsigned short <b>number1</b> ( ) const;	IEventData
unsigned short <b>number2</b> ( ) const;	IEventData
unsigned <b>numWords</b> ( ) const;	IString
IContainerObject * <b>object</b> ( );	ICnrEditEvent, ICnrEmphasisEvent, ICnrEnterEvent, ICnrHelpEvent
virtual IContainerObject * <b>object</b> ( ) const;	ICnrDrawItemEvent
virtual IContainerObject * <b>objectAt</b> ( const IContainerControl::ObjectCursor & <i>cursor</i> ) const;	IContainerControl
virtual IContainerObject * <b>objectAt</b> ( const IContainerControl::TextCursor & <i>cursor</i> ) const;	IContainerControl
virtual IContainerObject * <b>objectAt</b> ( unsigned long <i>index</i> ) const;	IContainerControl
virtual IContainerObject * <b>objectCopy</b> ( );	IContainerObject
unsigned long <b>objectCount</b> ( ) const;	IContainerControl
ICnrObjectSet <b>objectList</b> ( ) const;	IContainerControl
IString <b>objectText</b> ( ) const;	ITitle
IContainerObject * <b>objectUnderPoint</b> ( const IPoint & <i>point</i> ) const;	IContainerControl
static IWindow * <b>objectWindow</b> ( );	IWindow
unsigned <b>occurrencesOf</b> ( char <i>aCharacter</i> , unsigned <i>startPos</i> = ) const;	IString
unsigned <b>occurrencesOf</b> ( char <i>aCharacter</i> , unsigned <i>startPos</i> = 1 ) const;	IString
unsigned <b>occurrencesOf</b> ( const char * <i>pSearchString</i> , unsigned <i>searchLen</i> , unsigned <i>startPos</i> ) const;	IString
unsigned <b>occurrencesOf</b> ( const char * <i>pString</i> , unsigned <i>startPos</i> = ) const;	IString
unsigned <b>occurrencesOf</b> ( const char * <i>pString</i> , unsigned <i>startPos</i> = 1 ) const;	IString
unsigned <b>occurrencesOf</b> ( const IString & <i>aString</i> , unsigned <i>startPos</i> = ) const;	IString
unsigned <b>occurrencesOf</b> ( const IString & <i>aString</i> , unsigned <i>startPos</i> = 1 ) const;	IString
unsigned <b>occurrencesOf</b> ( const IStringTest & <i>aTest</i> , unsigned <i>startPos</i> = ) const;	IString
unsigned <b>occurrencesOf</b> ( const IStringTest & <i>aTest</i> , unsigned <i>startPos</i> = 1 ) const;	IString
ISize <b>oldSize</b> ( ) const;	IResizeEvent
virtual IDynamicLinkLibrary & <b>open</b> ( );	IDynamicLinkLibrary
virtual Boolean <b>openLibrary</b> ( IHelpNotifyEvent & <i>notifyEvent</i> );	IHelpHandler
ISplitCanvas::Orientation <b>orientation</b> ( ) const;	ISplitCanvas
virtual Orientation <b>orientation</b> ( ) const;	INotebook
OutlineType <b>outlineType</b> ( ) const;	IOutlineBox

## User Interface Library - Other Member Functions

Member Function	Class
unsigned long <b>outstandingTransactionCount</b> ( ) const;	IDDEClientConversation
static unsigned <b>overflow</b> ( );	IBuffer
IBuffer * <b>overlayWith</b> ( const char * <i>overlay</i> , unsigned <i>len</i> , unsigned <i>pos</i> , char <i>padCharacter</i> );	IDBCSBuffer
virtual IBuffer * <b>overlayWith</b> ( const char * <i>overlay</i> , unsigned <i>len</i> , unsigned <i>pos</i> , char <i>padCharacter</i> );	IBuffer
IString & <b>overlayWith</b> ( const char * <i>pOverlay</i> , unsigned <i>overlayLen</i> , unsigned <i>index</i> , char <i>padCharacter</i> );	IString
I String & <b>overlayWith</b> ( const char * <i>pString</i> , unsigned <i>index</i> = , char <i>padCharacter</i> = ' ' );	I String
IString & <b>overlayWith</b> ( const char * <i>pString</i> , unsigned <i>index</i> = 1, char <i>padCharacter</i> = ' ' );	IString
static IString <b>overlayWith</b> ( const IString & <i>aString</i> , const char * <i>pOverlay</i> , unsigned <i>index</i> = 1, char <i>padCharacter</i> = ' ' );	IString
static I String <b>overlayWith</b> ( const IString & <i>aString</i> , const char * <i>pOverlay</i> , unsigned <i>index</i> = , char <i>padCharacter</i> = ' ' );	I String
static IString <b>overlayWith</b> ( const IString & <i>aString</i> , const IString & <i>anOverlay</i> , IString unsigned <i>index</i> = 1, char <i>padCharacter</i> = ' ' );	IString
static I String <b>overlayWith</b> ( const IString & <i>aString</i> , const IString & <i>anOverlay</i> , I String unsigned <i>index</i> = , char <i>padCharacter</i> = ' ' );	I String
I String & <b>overlayWith</b> ( const IString & <i>aString</i> , unsigned <i>index</i> = , char <i>padCharacter</i> = ' ' );	I String
IString & <b>overlayWith</b> ( const IString & <i>aString</i> , unsigned <i>index</i> = 1, char <i>padCharacter</i> = ' ' );	IString
IWindow * <b>owner</b> ( ) const;	IAccelerator, IWindow
void * <b>ownerItemData</b> ( ) const;	IDrawItemEvent
PackType <b>packType</b> ( ) const;	ISetCanvas
ISize <b>pad</b> ( ) const;	ISetCanvas
virtual IPageHandle <b>page</b> ( ) const;	INotebookDrawItemEvent
virtual Boolean <b>pageDown</b> ( IScrollEvent & <i>event</i> );	IScrollHandler
virtual IPageHandle <b>pageHandle</b> ( ) const;	IPageEvent, IPageHelpEvent, IPageSelectEvent
virtual Boolean <b>pageLeft</b> ( IScrollEvent & <i>event</i> );	IScrollHandler
virtual Boolean <b>pageRight</b> ( IScrollEvent & <i>event</i> );	IScrollHandler
unsigned long <b>pageScrollIncrement</b> ( ) const;	IScrollBar
PageSettings <b>pageSettings</b> ( const IPageHandle & <i>page</i> );	INotebook
virtual ISize <b>pageSize</b> ( ) const;	INotebook
virtual unsigned long <b>pagesToEnd</b> ( const Cursor & <i>cursor</i> ) const;	INotebook
virtual unsigned long <b>pagesToEnd</b> ( const IPageHandle & <i>page</i> ) const;	INotebook
virtual unsigned long <b>pagesToMajorTab</b> ( const Cursor & <i>cursor</i> ) const;	INotebook
virtual unsigned long <b>pagesToMajorTab</b> ( const IPageHandle & <i>page</i> ) const;	INotebook
virtual unsigned long <b>pagesToMinorTab</b> ( const Cursor & <i>cursor</i> ) const;	INotebook

## User Interface Library - Other Member Functions

Member Function	Class
virtual unsigned long <b>pagesToMinorTab</b> ( const IPageHandle & <i>page</i> ) const;	INotebook
virtual Boolean <b>pageUp</b> ( IScrollEvent & <i>event</i> );	IScrollHandler
IWindow * <b>pageWindow</b> ( ) const;	IPageRemoveEvent
virtual Boolean <b>paintWindow</b> ( IPaintEvent & <i>event</i> )= ;	IPaintHandler
IEventParameter1 <b>parameter1</b> ( ) const;	IEvent
IEventParameter2 <b>parameter2</b> ( ) const;	IEvent
IWindow * <b>parent</b> ( ) const;	IWindow
virtual IContainerObject * <b>parentObject</b> ( const IContainerObject * <i>childObject</i> ) const;	IContainerControl
virtual IEntryField & <b>paste</b> ( );	IEntryField
virtual IMultiLineEdit & <b>paste</b> ( );	IMultiLineEdit
struct pib_s & <b>pib</b> ( );	ICurrentApplication
long <b>pointSize</b> ( ) const;	IFontDialog
unsigned long <b>pointSize</b> ( ) const;	IFont
virtual void <b>pokeAcknowledged</b> ( IDDEAcknowledgePokeEvent & <i>event</i> );	IDDEClientConversation
virtual IDDEClientConversation & <b>pokeData</b> ( const char * <i>item</i> , const void * <i>data</i> , unsigned long <i>dataLength</i> , const char * <i>format</i> = "#1" );	IDDEClientConversation
virtual Boolean <b>pokeData</b> ( unsigned long <i>conversationId</i> , IDDEPokeEvent & <i>event</i> );	IDDETopicServer
IString <b>pokedData</b> ( ) const;	IDDEAcknowledgePokeEvent, IDDEPokeEvent
IContainerObject * <b>popupMenuObject</b> ( );	ICnrMenuHandler
IPoint <b>position</b> ( ) const;	ISWP, IWindow
virtual IViewPort & <b>positionViewWindow</b> ( const IWindowHandle & <i>viewWindow</i> , const IRectangle & <i>viewRectangle</i> );	IViewPort
static void <b>postEvent</b> ( const IMessageQueueHandle & <i>handle</i> , unsigned long <i>eventId</i> , const IEventParameter1 & <i>parm1</i> = ul, const IEventParameter2 & <i>parm2</i> = ul );	IDDEMessageQueueHandle
void <b>postEvent</b> ( EventType <i>eventType</i> , const IEventParameter1 & <i>parm1</i> = , IWindow const IEventParameter2 & <i>parm2</i> = ) const;	IWindow
void <b>postEvent</b> ( unsigned long <i>eventId</i> , const IEventParameter1 & <i>parm1</i> = , IWindow const IEventParameter2 & <i>parm2</i> = ) const;	IWindow
void <b>postEvent</b> ( unsigned long <i>eventId</i> , const IEventParameter1 & <i>parm1</i> = ul, IMessageQueueHandle const IEventParameter2 & <i>parm2</i> = ul ) const;	IDDEMessageQueueHandle
void <b>postEvent</b> ( unsigned long <i>eventId</i> , const IEventParameter1 & <i>parm1</i> = ul, IWindowHandle const IEventParameter2 & <i>parm2</i> = ul ) const;	IWindowHandle
static void <b>postEvents</b> ( unsigned long <i>eventId</i> , const IEventParameter1 & <i>parm1</i> , const IEventParameter2 & <i>parm2</i> = ul );	IDDEMessageQueueHandle
void <b>postEvents</b> ( unsigned long <i>eventId</i> , const IEventParameter1 & <i>parm1</i> = ul, IWindowHandle const IEventParameter2 & <i>parm2</i> = ul, BroadcastTo <i>value</i> = descendants ) const;	IWindowHandle
Boolean <b>pressedOK</b> ( ) const;	IFileDialog, IFontDialog
IPresSpaceHandle <b>presSpace</b> ( ) const;	IWindow
const IPresSpaceHandle & <b>presSpaceHandle</b> ( ) const;	IPaintEvent
virtual IContainerColumn * <b>previous</b> ( );	IContainerControl::ColumnCursor

## User Interface Library - Other Member Functions

Member Function	Class
virtual IContainerObject * <b>previous</b> ( );	IContainerControl::ObjectCursor, IContainerControl::TextCursor
virtual IPageHandle <b>previous</b> ( );	INotebook::Cursor
virtual IPageHandle <b>previousPage</b> ( const IPageHandle & <i>referencePage</i> ) const;	INotebook
IPageHandle <b>previousSelectedPageHandle</b> ( ) const;	IPageSelectEvent
Scale <b>primaryScale</b> ( ) const;	IProgressIndicator
virtual IApplication::PriorityClass <b>priorityClass</b> ( ) const;	IThread
virtual unsigned <b>priorityLevel</b> ( ) const;	IThread
void * <b>procAddress</b> ( const char * <i>procedureName</i> );	IDynamicLinkLibrary
void * <b>procAddress</b> ( unsigned long <i>procedureOrdinal</i> );	IDynamicLinkLibrary
virtual void <b>processMsgs</b> ( );	ICurrentThread
virtual long <b>queueSize</b> ( ) const;	IThread
IRange <b>range</b> ( ) const;	ISpinButton
void <b>reallocateString</b> ( );	ICnrReallocStringEvent
virtual Boolean <b>reallocateString</b> ( ICnrReallocStringEvent & <i>event</i> );	ICnrEditHandler
void <b>reallocateText</b> ( );	ICnrReallocStringEvent
const IRectangle & <b>rect</b> ( ) const;	IPaintEvent
IRectangle <b>rect</b> ( ) const;	IWindow
unsigned char <b>redMix</b> ( ) const;	IColor
IContainerControl & <b>refresh</b> ( );	IContainerControl
IContainerControl & <b>refresh</b> ( Boolean <i>refreshChildren</i> );	IContainerControl
virtual IWindow & <b>refresh</b> ( Boolean <i>refreshChildren</i> = false );	IWindow
IContainerControl & <b>refresh</b> ( const IRectangle & <i>invalidRectangle</i> );	IContainerControl
virtual IWindow & <b>refresh</b> ( const IRectangle & <i>invalidRectangle</i> );	IWindow
virtual IContainerObject & <b>refresh</b> ( IContainerControl * <i>container</i> = );	IContainerObject
IContainerControl & <b>refresh</b> ( IContainerObject * <i>object</i> );	IContainerControl
static void <b>refreshAllContainers</b> ( );	IContainerControl
virtual INotebook & <b>refreshTabs</b> ( );	INotebook
double <b>relativeSize</b> ( ) const;	IFrameExtension
void <b>releasePresSpace</b> ( const IPresSpaceHandle & <i>aPresentationSpaceHandle</i> ) const;	IWindow
virtual unsigned long <b>remainingStack</b> ( ) const;	ICurrentThread
IAccelerator & <b>remove</b> ( );	IAccelerator
static IString <b>remove</b> ( const IString & <i>aString</i> , unsigned <i>startPos</i> );	IString
static IString <b>remove</b> ( const IString & <i>aString</i> , unsigned <i>startPos</i> );	IString
static IString <b>remove</b> ( const IString & <i>aString</i> , unsigned <i>startPos</i> , unsigned <i>numChars</i> );	IString
static IString <b>remove</b> ( const IString & <i>aString</i> , unsigned <i>startPos</i> , unsigned <i>numChars</i> );	IString
virtual Boolean <b>remove</b> ( IPageRemoveEvent & <i>event</i> );	IPageHandler

## User Interface Library - Other Member Functions

Member Function	Class
IString & <b>remove</b> ( unsigned <i>startPos</i> );	IString
IString & <b>remove</b> ( unsigned <i>startPos</i> );	IString
IBuffer * <b>remove</b> ( unsigned <i>startPos</i> , unsigned <i>numChars</i> );	IDBCSBuffer
IString & <b>remove</b> ( unsigned <i>startPos</i> , unsigned <i>numChars</i> );	IString
IString & <b>remove</b> ( unsigned <i>startPos</i> , unsigned <i>numChars</i> );	IString
virtual IBuffer * <b>remove</b> ( unsigned <i>startPos</i> , unsigned <i>numChars</i> );	IBuffer
long <b>remove</b> ( unsigned long <i>index</i> );	IComboBox, IListBox
IComboBox & <b>removeAll</b> ( );	IComboBox
IListBox & <b>removeAll</b> ( );	IListBox
IMultiLineEdit & <b>removeAll</b> ( );	IMultiLineEdit
ISpinButton & <b>removeAll</b> ( );	ISpinButton
virtual IContainerControl & <b>removeAllObjects</b> ( );	IContainerControl
virtual INotebook & <b>removeAllPages</b> ( );	INotebook
IComboBox & <b>removeAt</b> ( Cursor & <i>cursor</i> );	IComboBox
IListBox & <b>removeAt</b> ( Cursor & <i>cursor</i> );	IListBox
ISpinButton & <b>removeAt</b> ( Cursor & <i>cursor</i> , Boolean <i>immediateUpdate</i> = false );	ISpinButton
IMultiLineEdit & <b>removeChangedFlag</b> ( );	IMultiLineEdit
virtual IContainerControl & <b>removeColumn</b> ( const IContainerColumn * <i>column</i> );	IContainerControl
virtual IContainerControl & <b>removeColumnAt</b> ( IContainerControl::ColumnCursor & <i>columnCursor</i> );	IContainerControl
IFrameWindow & <b>removeDefaultHandler</b> ( );	IFrameWindow
ISlider & <b>removeDetent</b> ( unsigned long <i>detentId</i> );	ISlider
virtual IFrameWindow & <b>removeExtension</b> ( IWindow * <i>aWindow</i> );	IFrameWindow
virtual IWindow * <b>removeFromCell</b> ( const IWindow * <i>childWindow</i> );	IMultiCellCanvas
virtual IWindow * <b>removeFromCell</b> ( unsigned long <i>column</i> , unsigned long <i>row</i> );	IMultiCellCanvas
virtual IFrameWindow & <b>removeFromWindowList</b> ( );	IFrameWindow
static void <b>removeFromWindowSet</b> ( IWindow * <i>window</i> );	IWindow
IWindow & <b>removeHandler</b> ( IHandler * <i>oldHandler</i> );	IWindow
virtual IContainerObject & <b>removeInUse</b> ( IContainerControl * <i>container</i> = );	IContainerObject
IContainerControl & <b>removeInUse</b> ( IContainerObject * <i>object</i> );	IContainerControl
IMultiLineEdit & <b>removeLine</b> ( unsigned long <i>lineNumber</i> );	IMultiLineEdit
virtual Boolean <b>removeLink</b> ( IString <i>item</i> , IString <i>format</i> , unsigned long <i>conversationId</i> );	IDDETopicServer
virtual IContainerControl & <b>removeObject</b> ( IContainerObject * <i>object</i> , Boolean <i>failContainers</i> = false );	IContainerControl
virtual IContainerControl & <b>removeObjectAt</b> ( IContainerControl::ObjectCursor & <i>objectCursor</i> );	IContainerControl
virtual IContainerControl & <b>removeObjectAt</b> ( IContainerControl::TextCursor & <i>textCursor</i> );	IContainerControl
virtual INotebook & <b>removePage</b> ( const Cursor & <i>cursor</i> );	INotebook



## User Interface Library - Other Member Functions

Member Function	Class
virtual INotebook & <b>removePage</b> ( const IPageHandle &page );	INotebook
virtual void <b>removeRef</b> ( );	IRefCounted
void <b>removeRef</b> ( );	IBuffer
IContainerControl & <b>removeSelected</b> ( IContainerObject *object );	IContainerControl
virtual IContainerControl & <b>removeSelectedObjects</b> ( );	IContainerControl
virtual void <b>removeSourceEmphasis</b> ( const IMenuEvent &menuEvent );	ICnrMenuHandler, IMenuHandler
virtual IMenu & <b>removeSubMenu</b> ( unsigned long itemWithSubMenuId );	IMenu
virtual ISubMenu & <b>removeSubMenu</b> ( unsigned long itemWithSubMenuId );	ISubMenu
IMenu & <b>removeSubMenuAt</b> ( Cursor &cursor );	IMenu
ISubMenu & <b>removeSubMenuAt</b> ( Cursor &cursor );	ISubMenu
virtual INotebook & <b>removeTabSection</b> ( const Cursor &cursor );	INotebook
virtual INotebook & <b>removeTabSection</b> ( const IPageHandle &page );	INotebook
static IString <b>removeWords</b> ( const IString &aString, unsigned startWord );	IString
static IString <b>removeWords</b> ( const IString &aString, unsigned startWord, unsigned numWords );	IString
IString & <b>removeWords</b> ( unsigned firstWord );	IString
IString & <b>removeWords</b> ( unsigned firstWord, unsigned numWords );	IString
unsigned long <b>repeatCount</b> ( ) const;	IKeyboardEvent
ISpinButton & <b>replaceAt</b> ( const char *newString, Cursor &cursor, Boolean immediateUpdate = false );	ISpinButton
IComboBox & <b>replaceAt</b> ( const Cursor &cursor, const IString &strNew );	IComboBox
IListBox & <b>replaceAt</b> ( const Cursor &cursor, const IString &strNew );	IListBox
IDDERequestDataEvent & <b>requestAck</b> ( );	IDDERequestDataEvent
virtual IDDEClientConversation & <b>requestData</b> ( const char *item, const char *format = "#1" );	IDDEClientConversation
virtual Boolean <b>requestData</b> ( unsigned long conversationId, IDDERequestDataEvent &event )= ;	IDDETopicServer
virtual void <b>requestHotLinkData</b> ( IDDERequestDataEvent &event );	IDDETopicServer
virtual Boolean <b>resize</b> ( IPageEvent &event );	IPageHandler
const IResourceLibrary & <b>resourceLibrary</b> ( ) const;	IResourceId
virtual IResourceLibrary & <b>resourceLibrary</b> ( ) const;	ICurrentApplication, IInfoArea
virtual IFrameWindow & <b>restore</b> ( );	IFrameWindow
virtual IRectangle <b>restoreRect</b> ( ) const;	IFrameWindow
IEventResult <b>result</b> ( ) const;	IEvent
virtual unsigned long <b>result</b> ( ) const;	IFrameWindow
virtual void <b>resume</b> ( );	IThread
long <b>returnValue</b> ( ) const;	IFileDialog, IFontDialog
IBuffer * <b>reverse</b> ( );	IDBCSBuffer
IString & <b>reverse</b> ( );	IString

## User Interface Library - Other Member Functions

Member Function	Class
virtual IBuffer * <b>reverse</b> ( );	IBuffer
static IString <b>reverse</b> ( const IString &aString );	IString
Coord <b>right</b> ( ) const;	IRectangle
IPoint <b>rightCenter</b> ( ) const;	IRectangle
static IString <b>rightJustify</b> ( const IString &aString, unsigned length, char padCharacter = ' ' );	IString
IString & <b>rightJustify</b> ( unsigned length, char padCharacter = ' ' );	IString
IBuffer * <b>rightJustify</b> ( unsigned newLen, char padCharacter );	IDBCSBuffer
virtual IBuffer * <b>rightJustify</b> ( unsigned newLen, char padCharacter );	IBuffer
unsigned long <b>rowHeight</b> ( unsigned long row ) const;	IMultiCellCanvas
virtual ICurrentApplication & <b>run</b> ( );	ICurrentApplication
virtual void <b>run</b> ( );	IThreadFn, IThreadMemberFn
IString <b>saveAsEAType</b> ( ) const;	IFileDialog
virtual Boolean <b>saved</b> ( IFrameEvent &frameEvent );	IFrameHandler
IRectangle & <b>scaleBy</b> ( const IPair &aPair );	IRectangle
IRectangle & <b>scaleBy</b> ( Coord coord );	IRectangle
IRectangle & <b>scaleBy</b> ( double factor );	IRectangle
IRectangle & <b>scaleBy</b> ( double xfact, double yfact );	IRectangle
IPair & <b>scaleBy</b> ( double xFactor, double yFactor );	IPair
IRectangle <b>scaledBy</b> ( const IPair &aPair ) const;	IRectangle
IRectangle <b>scaledBy</b> ( Coord coord ) const;	IRectangle
IRectangle <b>scaledBy</b> ( double factor ) const;	IRectangle
IRectangle <b>scaledBy</b> ( double xfact, double yfact ) const;	IRectangle
IPair <b>scaledBy</b> ( double xFactor, double yFactor ) const;	IPair
unsigned long <b>scanCode</b> ( ) const;	IKeyboardEvent
virtual Boolean <b>scanCodeKeyPress</b> ( IKeyboardEvent &keyevt );	IKeyboardHandler
virtual IContainerControl & <b>scroll</b> ( long verticalPixels, long horizontalPixels, Boolean rightSide = false );	IContainerControl
IRange <b>scrollableRange</b> ( ) const;	IScrollBar
long <b>scrollAmount</b> ( ) const;	IScrollEvent
IScrollBar * <b>scrollBarWindow</b> ( ) const;	IScrollEvent
unsigned long <b>scrollBoxPosition</b> ( ) const;	IScrollBar
IRange <b>scrollBoxRange</b> ( ) const;	IScrollBar
virtual Boolean <b>scrollBoxTrack</b> ( IScrollEvent &event );	IScrollHandler
virtual Boolean <b>scrollBoxTrackEnd</b> ( IScrollEvent &event );	IScrollHandler
virtual IContainerControl & <b>scrollDetailsHorizontally</b> ( long horizontalPixels, Boolean rightSide = false );	IContainerControl
virtual Boolean <b>scrollEnd</b> ( IScrollEvent &event );	IScrollHandler

## User Interface Library - Other Member Functions

Member Function	Class
virtual IContainerControl & <b>scrollHorizontally</b> ( long <i>pixels</i> , Boolean <i>rightSide</i> = false );	IContainerControl
virtual IContainerControl & <b>scrollToObject</b> ( const IContainerObject * <i>object</i> );	IContainerControl
virtual IContainerControl & <b>scrollToObject</b> ( const IContainerObject * <i>object</i> , const IContainerColumn * <i>column</i> , Boolean <i>leftJustify</i> = true );	IContainerControl
virtual IContainerControl & <b>scrollVertically</b> ( long <i>pixels</i> );	IContainerControl
virtual IViewPort & <b>scrollViewHorizontallyTo</b> ( unsigned long <i>leftOffset</i> );	IViewPort
virtual IViewPort & <b>scrollViewVerticallyTo</b> ( unsigned long <i>topOffset</i> );	IViewPort
IWindowHandle <b>searchListWindow</b> ( ) const;	IHelpWindow
unsigned <b>seconds</b> ( ) const;	ITime
ISettingButton & <b>select</b> ( );	ISettingButton
virtual Boolean <b>select</b> ( IPageSelectEvent & <i>event</i> );	IPageHandler
IComboBox & <b>select</b> ( unsigned long <i>index</i> , Boolean <i>select</i> = true );	IComboBox
IListBox & <b>select</b> ( unsigned long <i>index</i> , Boolean <i>select</i> = true );	IListBox
IListBox & <b>selectAll</b> ( );	IListBox
virtual Boolean <b>selected</b> ( IControlEvent & <i>event</i> );	ISelectHandler
virtual Boolean <b>selectedChanged</b> ( ICnrEmphasisEvent & <i>event</i> );	ICnrHandler
unsigned <b>selectedFileCount</b> ( ) const;	IFileDialog
unsigned long <b>selectedIndex</b> ( ) const;	IRadioButton
unsigned long <b>selectedItem</b> ( ) const;	IMenu
IRange <b>selectedRange</b> ( ) const;	IEntryField, IMultiLineEdit
IString <b>selectedText</b> ( ) const;	IEntryField, IMultiLineEdit
unsigned long <b>selectedTextLength</b> ( ) const;	IMultiLineEdit
I3StateCheckBox & <b>selectHalfToned</b> ( );	I3StateCheckBox
unsigned long <b>selection</b> ( );	IComboBox, IListBox
virtual IMenu & <b>selectItem</b> ( unsigned long <i>itemId</i> );	IMenu
IEntryField & <b>selectRange</b> ( const IRange & <i>range</i> = IRange ( , end ) );	IEntryField
IMultiLineEdit & <b>selectRange</b> ( const IRange & <i>range</i> = IRange ( , end ) );	IMultiLineEdit
IEventResult <b>sendEvent</b> ( EventType <i>eventType</i> , const IEventParameter1 & <i>parm1</i> IWindow const IEventParameter2 & <i>parm2</i> = ) const;	IWindow
IEventResult <b>sendEvent</b> ( unsigned long <i>eventId</i> , const IEventParameter1 & <i>parm1</i> IWindow const IEventParameter2 & <i>parm2</i> = ) const;	IWindow
IEventResult <b>sendEvent</b> ( unsigned long <i>eventId</i> , const IEventParameter1 & <i>parm1</i> IWindowHandle const IEventParameter2 & <i>parm2</i> = ul ) const;	IWindowHandle
void <b>sendEvents</b> ( unsigned long <i>eventId</i> , const IEventParameter1 & <i>parm1</i> = ul IWindowHandle const IEventParameter2 & <i>parm2</i> = ul, BroadcastTo <i>value</i> = descendants ) const;	IWindowHandle
unsigned <b>separatorWidth</b> ( ) const;	IFrameExtension
IWindowHandle <b>serverHandle</b> ( ) const;	IDDETopicServer
IAccelerator & <b>set</b> ( const IAccelTblHandle & <i>haccel</i> );	IAccelerator
IAccelerator & <b>set</b> ( const IResourceId & <i>accelResId</i> );	IAccelerator

## User Interface Library - Other Member Functions

Member Function	Class
IAccelerator & <b>set</b> ( unsigned long <i>accelResId</i> );	IAccelerator
Settings & <b>setAccelerator</b> ( unsigned long <i>accelerator</i> );	IHelpWindow::Settings
Settings & <b>setAccelResLibrary</b> ( const char * <i>menuAccelResLibrary</i> );	IHelpWindow::Settings
IHelpWindow & <b>setActiveWindow</b> ( IFrameWindow * <i>handlerWindow</i> , IFrameWindow * <i>relativeWindow</i> = );	IHelpWindow
IEntryField & <b>setAlignment</b> ( Alignment <i>alignment</i> );	IEntryField
IStaticText & <b>setAlignment</b> ( Alignment <i>alignment</i> );	IStaticText
ISpinButton & <b>setAlignment</b> ( Alignment <i>aValue</i> = left );	ISpinButton
ISetCanvas & <b>setAlignment</b> ( Alignment <i>value</i> );	ISetCanvas
IFont & <b>setAllEmphasis</b> ( Boolean <i>turnOn</i> = true );	IFont
IDDESetAcknowledgeInfoEvent & <b>setApplicationBusy</b> ( );	IDDESetAcknowledgeInfoEvent
IDDESetAcknowledgeInfoEvent & <b>setApplicationSpecificData</b> ( unsigned char <i>applicationData</i> );	IDDESetAcknowledgeInfoEvent
virtual ICurrentApplication & <b>setArgs</b> ( int <i>argc</i> , const char *const <i>argv</i> [] );	ICurrentApplication
ISlider & <b>setArmSize</b> ( const ISize & <i>sliderArm</i> );	ISlider
MenuItem & <b>setAttribute</b> ( unsigned long <i>newAttribute</i> );	MenuItem
virtual void <b>setAttributes</b> ( IContainerObject * <i>object</i> , unsigned long <i>attributeToTurnOn</i> , unsigned long <i>attributeToTurnOff</i> );	IContainerControl
virtual IContainerObject & <b>setAttributes</b> ( unsigned long <i>attributeTurnedOff</i> , unsigned long <i>attributeTurnedOn</i> , IContainerControl * <i>container</i> = );	IContainerObject
IWindow & <b>setAutoDeleteObject</b> ( Boolean <i>autoDelete</i> = true );	IWindow
IWindow & <b>setAutoDestroyWindow</b> ( Boolean <i>autoDestroy</i> = false );	IWindow
virtual IThread & <b>setAutolnitPM</b> ( Boolean <i>initFlag</i> );	IThread
virtual IContainerObject & <b>setBase</b> ( const IMiniCnrRecord * <i>baseRecord</i> );	IContainerObject
virtual INotebook & <b>setBinding</b> ( Binding <i>binding</i> );	INotebook
MenuItem & <b>setBitmap</b> ( const IBitmapHandle & <i>menuItem</i> );	MenuItem
MenuItem & <b>setBitmap</b> ( const IResourceId & <i>bitmapResId</i> );	MenuItem
IBitmapControl & <b>setBitmap</b> ( const IResourceId & <i>bmpId</i> );	IBitmapControl
IBitmapControl & <b>setBitmap</b> ( IBitmapHandle <i>handle</i> );	IBitmapControl
IBitmapControl & <b>setBitmap</b> ( ISystemBitmapHandle::Identifier <i>bmp</i> );	IBitmapControl
MenuItem & <b>setBitmap</b> ( unsigned long <i>bitmapResId</i> );	MenuItem
virtual IMenu & <b>setBitmap</b> ( unsigned long <i>menuItemId</i> , const IBitmapHandle & <i>bitmapHandle</i> );	IMenu
virtual ISubMenu & <b>setBitmap</b> ( unsigned long <i>menuItemId</i> , const IBitmapHandle & <i>bitmapHandle</i> );	ISubMenu
virtual IMenu & <b>setBitmap</b> ( unsigned long <i>menuItemId</i> , const IResourceId & <i>newBitmapResId</i> );	IMenu
virtual ISubMenu & <b>setBitmap</b> ( unsigned long <i>menuItemId</i> , const IResourceId & <i>newBitmapResId</i> );	ISubMenu
virtual IMenu & <b>setBitmap</b> ( unsigned long <i>menuItemId</i> , unsigned long <i>newBitmapResId</i> );	IMenu

## User Interface Library - Other Member Functions

Member Function	Class
virtual ISubMenu & <b>setBitmap</b> ( unsigned long <i>menuItemId</i> , unsigned long <i>newBitmapResId</i> );	ISubMenu
IColor & <b>setBlue</b> ( unsigned char <i>blueMix</i> );	IColor
IFont & <b>setBold</b> ( Boolean <i>bold</i> = true );	IFont
IString & <b>setBuffer</b> ( IBuffer * <i>ibuff</i> );	IString
IDDEEvent & <b>setBuffer</b> ( IString <i>dataBuffer</i> );	IDDEEvent
IDDEBeginEvent & <b>setCaseSensitive</b> ( Boolean <i>caseSensitive</i> );	IDDEBeginEvent
IMultiLineEdit & <b>setChangedFlag</b> ( );	IMultiLineEdit
IFont & <b>setCharHeight</b> ( unsigned long <i>height</i> );	IFont
IFont & <b>setCharSize</b> ( const ISize & <i>size</i> );	IFont
IEntryField & <b>setCharType</b> ( CharType <i>type</i> );	IEntryField
IFont & <b>setCharWidth</b> ( unsigned long <i>width</i> );	IFont
MenuItem & <b>setChecked</b> ( Boolean <i>checked</i> = true );	MenuItem
virtual IFrameWindow & <b>setClient</b> ( IControl * <i>newClient</i> );	IFrameWindow
IFormatEvent & <b>setClientRect</b> ( const IRectangle & <i>aRect</i> );	IFormatEvent
virtual IContainerObject & <b>setClosed</b> ( );	IContainerObject
ICanvas & <b>setColor</b> ( ColorArea <i>area</i> , const IColor & <i>color</i> );	ICanvas
IScrollBar & <b>setColor</b> ( ColorArea <i>area</i> , const IColor & <i>color</i> );	IScrollBar
ISetCanvas & <b>setColor</b> ( ColorArea <i>area</i> , const IColor & <i>color</i> );	ISetCanvas
IViewport & <b>setColor</b> ( ColorArea <i>area</i> , const IColor & <i>color</i> );	IViewport
virtual INotebook & <b>setColor</b> ( ColorArea <i>area</i> , const IColor & <i>color</i> );	INotebook
IButton & <b>setColor</b> ( ColorArea <i>value</i> , const IColor & <i>color</i> );	IButton
IEntryField & <b>setColor</b> ( ColorArea <i>value</i> , const IColor & <i>color</i> );	IEntryField
IFrameWindow & <b>setColor</b> ( ColorArea <i>value</i> , const IColor & <i>color</i> );	IFrameWindow
IGroupBox & <b>setColor</b> ( ColorArea <i>value</i> , const IColor & <i>color</i> );	IGroupBox
IListBox & <b>setColor</b> ( ColorArea <i>value</i> , const IColor & <i>color</i> );	IListBox
IMenu & <b>setColor</b> ( ColorArea <i>value</i> , const IColor & <i>color</i> );	IMenu
IOutlineBox & <b>setColor</b> ( ColorArea <i>value</i> , const IColor & <i>color</i> );	IOutlineBox
IProgressIndicator & <b>setColor</b> ( ColorArea <i>value</i> , const IColor & <i>color</i> );	IProgressIndicator
ISpinButton & <b>setColor</b> ( ColorArea <i>value</i> , const IColor & <i>color</i> );	ISpinButton
IStaticText & <b>setColor</b> ( ColorArea <i>value</i> , const IColor & <i>color</i> );	IStaticText
ITitle & <b>setColor</b> ( ColorArea <i>value</i> , const IColor & <i>color</i> );	ITitle
virtual IContainerControl & <b>setColor</b> ( ColorArea <i>value</i> , const IColor & <i>color</i> );	IContainerControl
virtual IMultiLineEdit & <b>setColor</b> ( ColorArea <i>value</i> , const IColor & <i>color</i> );	IMultiLineEdit
IMultiCellCanvas & <b>setColor</b> ( const IColor & <i>color</i> );	IMultiCellCanvas
void <b>setColor</b> ( const IColor & <i>newColor</i> );	IGUIColor
ISplitCanvas & <b>setColor</b> ( SplitBarArea <i>value</i> , const IColor & <i>color</i> );	ISplitCanvas
IWindow & <b>setColor</b> ( unsigned long <i>colorArea</i> , const IColor & <i>color</i> );	IWindow

## User Interface Library - Other Member Functions

Member Function	Class
IContainerColumn & <b>setColumnInfo</b> ( _FIELDINFO *fieldInfo );	IContainerColumn
IMultiCellCanvas & <b>setColumnWidth</b> ( unsigned long column, unsigned long widthInPixels, Boolean expandable = false );	IMultiCellCanvas
IMenuItem & <b>setCommand</b> ( CommandType aValue );	IMenuItem
IContainerColumn & <b>setContainer</b> ( IContainerControl *container );	IContainerColumn
virtual void <b>setContainerAttributes</b> ( unsigned long attributeToTurnOff, unsigned long attributeToTurnOn );	IContainerControl
IPair & <b>setCoord1</b> ( Coord coord1 );	IPair
IPair & <b>setCoord2</b> ( Coord coord2 );	IPair
ISpinButton & <b>setCurrent</b> ( const Cursor &cursor );	ISpinButton
ColumnCursor & <b>setCurrent</b> ( const IContainerColumn *currentColumn );	IContainerControl::ColumnCursor
ObjectCursor & <b>setCurrent</b> ( const IContainerObject *currentObject );	IContainerControl::ObjectCursor
TextCursor & <b>setCurrent</b> ( const IContainerObject *currentObject );	IContainerControl::TextCursor
void <b>setCurrent</b> ( const IPageHandle &current );	INotebook::Cursor
ISpinButton & <b>setCurrent</b> ( long aValue );	ISpinButton
IContainerControl & <b>setCursor</b> ( IContainerObject *object );	IContainerControl
IMultiLineEdit & <b>setCursorAt</b> ( unsigned long cursorPosition );	IMultiLineEdit
IMultiLineEdit & <b>setCursorAtLine</b> ( unsigned long lineNumber );	IMultiLineEdit
IDDERequestDataEvent & <b>setData</b> ( const char *dataString );	IDDERequestDataEvent
IDDERequestDataEvent & <b>setData</b> ( const void *dataBuffer, unsigned long dataLength );	IDDERequestDataEvent
virtual IContainerColumn & <b>setDataAttributes</b> ( unsigned long dataAttributes );	IContainerColumn
IContainerColumn & <b>setDataOffset</b> ( unsigned long dataOffset );	IContainerColumn
ISetCanvas & <b>setDeckCount</b> ( unsigned long decks );	ISetCanvas
ISetCanvas & <b>setDeckOrientation</b> ( DeckOrientation value );	ISetCanvas
IProfile & <b>setDefaultApplicationName</b> ( const char *appName );	IProfile
static void <b>setDefaultAttribute</b> ( Attribute attribute );	IContainerControl
static void <b>setDefaultAttribute</b> ( const Attribute &aAttribute );	IMenuItem
static void <b>setDefaultAutolnitPM</b> ( Boolean initFlag );	IThread
static void <b>setDefaultCell</b> ( const ISize &widthAndHeight );	IMultiCellCanvas
virtual void <b>setDefaultContainer</b> ( const Attribute &attribute );	IContainerControl
static void <b>setDefaultDataStyle</b> ( DataStyle dataStyle );	IContainerColumn
static void <b>setDefaultHeadingStyle</b> ( HeadingStyle headingStyle );	IContainerColumn
static void <b>setDefaultQueueSize</b> ( long queueSize );	IThread
static void <b>setDefaultStackSize</b> ( unsigned long aSize );	IThread
static void <b>setDefaultStyle</b> ( const Style &aStyle );	ICanvas, IFrameWindow, IMenu, IMenuBar, IMenuItem, INotebook, IProgressIndicator, IScrollBar, ISetCanvas, ISlider, ISpinButton, ISplitCanvas, IViewPort

## User Interface Library - Other Member Functions

Member Function	Class
static void <b>setDefaultStyle</b> ( Style <i>style</i> );	IBitmapControl, ICheckBox, IComboBox, IContainerControl, IEntryField, IFileDialog, IFontDialog, IGroupBox, IIconControl, IListBox, IMultiLineEdit, IOutlineBox, IPushButton, IRadioButton, IScrollBar, IStaticText, I3StateCheckBox
IMessageText & <b>setDefaultText</b> ( const char * <i>text</i> );	IMessageText
IContainerControl & <b>setDeleteColumnsOnClose</b> ( Boolean <i>destroy</i> = true );	IContainerControl
IContainerControl & <b>setDeleteObjectsOnClose</b> ( Boolean <i>destroy</i> = true );	IContainerControl
virtual IFrameWindow & <b>setDestroyOnClose</b> ( Boolean <i>onOrOff</i> = true );	IFrameWindow
virtual IContainerControl & <b>setDetailsViewSplit</b> ( const IContainerColumn * <i>lastColumnBeforeSplit</i> , unsigned long <i>pixelsFromLeft</i> = 5 );	IContainerControl
Settings & <b>setDialogTemplate</b> ( const IResourceId & <i>resId</i> );	IFileDialog::Settings, IFontDialog::Settings
IFont & <b>setDirection</b> ( Direction <i>direction</i> );	IFont
IMenuItem & <b>setDisabled</b> ( Boolean <i>disabled</i> = true );	IMenuItem
virtual IInfoArea & <b>setDisabledText</b> ( const IString & <i>id</i> );	IInfoArea
virtual IInfoArea & <b>setDisabledText</b> ( unsigned long <i>id</i> );	IInfoArea
Settings & <b>setDisplayPS</b> ( const IPresSpaceHandle & <i>hpsDisplay</i> );	IFontDialog::Settings
virtual IContainerColumn & <b>setDisplayWidth</b> ( unsigned long <i>widthInPixels</i> );	IContainerColumn
IMenuItem & <b>setDrawItem</b> ( Boolean <i>drawItem</i> = true );	IMenuItem
virtual IContainerControl & <b>setEditColumn</b> ( IContainerColumn * <i>column</i> );	IContainerControl
virtual IContainerControl & <b>setEditMLE</b> ( IMultiLineEdit * <i>editField</i> );	IContainerControl
virtual IContainerControl & <b>setEditObject</b> ( IContainerObject * <i>object</i> );	IContainerControl
IMultiLineEdit & <b>setEditRegion</b> ( );	IMultiLineEdit
IMultiLineEdit & <b>setEditRegion</b> ( const ISize & <i>sizeEditRegion</i> );	IMultiLineEdit
IMultiLineEdit & <b>setEditRegionHeight</b> ( long <i>height</i> );	IMultiLineEdit
IMultiLineEdit & <b>setEditRegionWidth</b> ( long <i>width</i> );	IMultiLineEdit
virtual void <b>setEmphasis</b> ( IContainerObject * <i>object</i> , unsigned long <i>emphasisAttribute</i> , Boolean <i>setOn</i> = true );	IContainerControl
virtual IContainerObject & <b>setEmphasis</b> ( unsigned long <i>emphasisAttribute</i> , Boolean <i>turnOn</i> = true, IContainerControl * <i>container</i> = );	IContainerObject
IException & <b>setErrorId</b> ( unsigned long <i>errorId</i> );	IException
static IWindow::ExceptionFn * <b>setExceptionFunction</b> ( IWindow::ExceptionFn * <i>exceptionObject</i> );	IWindow
IContainerControl & <b>setExtendedSelection</b> ( );	IContainerControl
IFrameWindow & <b>setExtensions</b> ( IFrameExtensions * <i>p</i> );	IFrameWindow
virtual IFrameWindow & <b>setExtensionSize</b> ( IWindow * <i>aWindow</i> , double <i>widthOrHeight</i> );	IFrameWindow

## User Interface Library - Other Member Functions

Member Function	Class
virtual IFrameWindow & <b>setExtensionSize</b> ( IWindow *aWindow, int widthOrHeight );	IFrameWindow
Settings & <b>setFamily</b> ( const char *fontFamily );	IFontDialog::Settings
ISpinButton & <b>setFastSpin</b> ( Boolean fast = true );	ISpinButton
Settings & <b>setFileName</b> ( char *fileName );	IFileDialog::Settings
virtual IWindow & <b>setFocus</b> ( );	IWindow
virtual IControl & <b>setFont</b> ( IFont &fm );	IControl
virtual IMultiLineEdit & <b>setFont</b> ( IFont &font );	IMultiLineEdit
IFont & <b>setFontAngle</b> ( const IPoint &point );	IFont
IFont & <b>setFontShear</b> ( const IPoint &point );	IFont
MenuItem & <b>setFramed</b> ( Boolean framed = true );	MenuItem
IColor & <b>setGreen</b> ( unsigned char greenMix );	IColor
virtual IContainerColumn & <b>setHeadingIcon</b> ( const IPointerHandle &iconHandle );	IContainerColumn
virtual IContainerColumn & <b>setHeadingIcon</b> ( const IResourceId &iconId );	IContainerColumn
virtual IContainerColumn & <b>setHeadingIcon</b> ( unsigned long iconId );	IContainerColumn
virtual IContainerColumn & <b>setHeadingText</b> ( const char *text );	IContainerColumn
virtual IContainerColumn & <b>setHeadingText</b> ( const IResourceId &textId );	IContainerColumn
ISize & <b>setHeight</b> ( Coord cy );	ISize
IListBox & <b>setHeight</b> ( long newHeight );	IListBox
virtual Boolean <b>setHeight</b> ( short &height );	IListBoxDrawItemHandler
IContainerColumn & <b>setHelpId</b> ( unsigned long helpId );	IContainerColumn
Settings & <b>setHelpResLibrary</b> ( const char *helpTableResLibrary );	IHelpWindow::Settings
IHelpWindow & <b>setHelpTable</b> ( const IResourceId &helpTable );	IHelpWindow
Settings & <b>setHelpTable</b> ( unsigned long helpTable );	IHelpWindow::Settings
MenuItem & <b>setHighlighted</b> ( Boolean highlighted = true );	MenuItem
IProgressIndicator & <b>setHomePosition</b> ( HomePosition home );	IProgressIndicator
IMenu & <b>setHorizontalBar</b> ( Boolean horizontal = true );	IMenu
virtual IFrameWindow & <b>setIcon</b> ( const IPointerHandle &icon );	IFrameWindow
virtual IContainerObject & <b>setIcon</b> ( const IPointerHandle &iconHandle );	IContainerObject
IIconControl & <b>setIcon</b> ( const IResourceId &iconId );	IIconControl
virtual IContainerObject & <b>setIcon</b> ( const IResourceId &iconId );	IContainerObject
virtual IFrameWindow & <b>setIcon</b> ( const IResourceId &iconResId );	IFrameWindow
IIconControl & <b>setIcon</b> ( IPointerHandle handle );	IIconControl
IIconControl & <b>setIcon</b> ( ISystemPointerHandle::Identifier icon );	IIconControl
virtual IContainerObject & <b>setIcon</b> ( unsigned long iconId );	IContainerObject
virtual IFrameWindow & <b>setIcon</b> ( unsigned long iconResId );	IFrameWindow
IContainerControl & <b>setIconSize</b> ( const ISize &iconSize );	IContainerControl
virtual IContainerObject & <b>setIconText</b> ( const char *iconText );	IContainerObject
virtual IContainerObject & <b>setIconText</b> ( const IResourceId &iconTextId );	IContainerObject



## User Interface Library - Other Member Functions

Member Function	Class
virtual IContainerObject & <b>setIconText</b> ( const IString & <i>iconText</i> );	IContainerObject
virtual IApplication & <b>setId</b> ( const IProcessId & <i>id</i> );	IApplication
virtual IInfoArea & <b>setInactiveText</b> ( const IString & <i>id</i> );	IInfoArea
virtual IInfoArea & <b>setInactiveText</b> ( unsigned long <i>id</i> );	IInfoArea
MenuItem & <b>setIndex</b> ( long <i>index</i> = atEnd ( ) );	MenuItem
Settings & <b>setInitialDrive</b> ( char * <i>drive</i> );	IFileDialog::Settings
Settings & <b>setInitialFileType</b> ( char * <i>fileType</i> );	IFileDialog::Settings
ISpinButton & <b>setInputType</b> ( Type <i>aValue</i> = alphanumeric );	ISpinButton
virtual IContainerObject & <b>setInUse</b> ( Boolean <i>inUse</i> = true, IContainerControl * <i>container</i> = );	IContainerObject
IContainerControl & <b>setInUse</b> ( IContainerObject * <i>object</i> , Boolean <i>inUse</i> = true);	IContainerControl
IFont & <b>setItalic</b> ( Boolean <i>italics</i> = true );	IFont
virtual IMenu & <b>setItem</b> ( const IMenuItem & <i>menuItem</i> );	IMenu
virtual ISubMenu & <b>setItem</b> ( const IMenuItem & <i>menuItem</i> );	ISubMenu
IComboBox & <b>setItemHandle</b> ( unsigned long <i>index</i> , unsigned long <i>handle</i> );	IComboBox
IListBox & <b>setItemHandle</b> ( unsigned long <i>index</i> , unsigned long <i>handle</i> );	IListBox
IComboBox & <b>setItemText</b> ( unsigned long <i>index</i> , const char * <i>string</i> );	IComboBox
IListBox & <b>setItemText</b> ( unsigned long <i>index</i> , const char * <i>string</i> );	IListBox
MenuItem & <b>setLayout</b> ( LayoutType <i>aValue</i> );	MenuItem
virtual IWindow & <b>setLayoutDistorted</b> ( Boolean <i>distorted</i> = true );	IWindow
ICanvas & <b>setLayoutSize</b> ( const ISize & <i>size</i> );	ICanvas
IEntryField & <b>setLeftIndex</b> ( unsigned long <i>index</i> );	IEntryField
Settings & <b>setLibraries</b> ( const char * <i>helpLibraryNames</i> );	IHelpWindow::Settings
IEntryField & <b>setLimit</b> ( const IResourceId & <i>textLimit</i> );	IEntryField
ISpinButton & <b>setLimit</b> ( unsigned long <i>aNumber</i> );	ISpinButton
IMultiLineEdit & <b>setLimit</b> ( unsigned long <i>newLimit</i> );	IMultiLineEdit
IEntryField & <b>setLimit</b> ( unsigned long <i>textLimit</i> );	IEntryField
IContainerControl & <b>setLineSpacing</b> ( long <i>lineSpacing</i> );	IContainerControl
IResourceLock & <b>setLock</b> ( long <i>timeOut</i> = -1 );	IResourceLock
IRange & <b>setLowerBound</b> ( Coord <i>lower</i> );	IRange
virtual INotebook & <b>setMajorTabSize</b> ( const ISize & <i>sizeMajorTab</i> );	INotebook
ISetCanvas & <b>setMargin</b> ( const ISize & <i>margin</i> );	ISetCanvas
ISpinButton & <b>setMaster</b> ( );	ISpinButton
IMenuBar & <b>setMenu</b> ( const IResourceId & <i>menuResId</i> );	IMenuBar
Settings & <b>setMenuBar</b> ( unsigned long <i>menuBar</i> );	IHelpWindow::Settings
static void <b>setMessageFile</b> ( const char * <i>msgFileName</i> );	IBase
IDDESetAcknowledgeInfoEvent & <b>setMessageNotUnderstood</b> ( );	IDDESetAcknowledgeInfoEvent
IWindow & <b>setMinimumSize</b> ( const ISize & <i>sizMin</i> );	IWindow

## User Interface Library - Other Member Functions

Member Function	Class
virtual INotebook & <b>setMinorTabSize</b> ( const ISize &sizeMinorTab );	INotebook
IScrollBar & <b>setMinScrollIncrement</b> ( unsigned long scrollableRangeUnits = 1 );	IScrollBar
virtual IInfoArea & <b>setMissingText</b> ( const IString &id );	IInfoArea
virtual IInfoArea & <b>setMissingText</b> ( unsigned long id );	IInfoArea
IContainerControl & <b>setMixedTargetEmphasis</b> ( );	IContainerControl
void <b>setMLEHandler</b> ( IHandler *anMLEHandler );	ICnrEditHandler
IContainerControl & <b>setMultipleSelection</b> ( );	IContainerControl
IFont & <b>setName</b> ( const char *name );	IFont
IMenuItem & <b>setNoDismiss</b> ( Boolean noDismiss = true );	IMenuItem
IContainerControl & <b>setNormalTargetEmphasis</b> ( );	IContainerControl
ITitle & <b>setObjectText</b> ( const char *objectName );	ITitle
ITitle & <b>setObjectText</b> ( const IResourceId &objectNameResId );	ITitle
Settings & <b>setOKButtonText</b> ( char *newText );	IFileDialog::Settings
Settings & <b>setOKButtonText</b> ( const IResourceId &resId );	IFileDialog::Settings
virtual IContainerObject & <b>setOpen</b> ( Boolean open = true );	IContainerObject
Settings & <b>setOpenDialog</b> ( );	IFileDialog::Settings
IContainerControl & <b>setOrderedTargetEmphasis</b> ( );	IContainerControl
virtual INotebook & <b>setOrientation</b> ( Orientation orientation );	INotebook
ISplitCanvas & <b>setOrientation</b> ( Orientation value );	ISplitCanvas
IFont & <b>setOutline</b> ( Boolean outline = true );	IFont
IOutlineBox & <b>setOutlineType</b> ( OutlineType type );	IOutlineBox
virtual IWindow & <b>setOwner</b> ( const IWindow *newOwner );	IWindow
ISetCanvas & <b>setPackType</b> ( PackType value );	ISetCanvas
ISetCanvas & <b>setPad</b> ( const ISize &pad );	ISetCanvas
virtual INotebook & <b>setPageButtonSize</b> ( const ISize &sizePageButton );	INotebook
IScrollBar & <b>setPageScrollIncrement</b> ( unsigned long scrollableRangeUnits = );	IScrollBar
virtual IWindow & <b>setParent</b> ( const IWindow *newParent );	IWindow
Settings & <b>setPointSize</b> ( unsigned long pointSize );	IFileDialog::Settings
IFont & <b>setPointSize</b> ( unsigned long size );	IFont
ISWP & <b>setPosition</b> ( const IPoint &aPoint );	ISWP
Settings & <b>setPosition</b> ( const IPoint &pos );	IFileDialog::Settings, IFileDialog::Settings
Settings & <b>setPreviewText</b> ( const char *previewText );	IFileDialog::Settings
IProgressIndicator & <b>setPrimaryScale</b> ( Scale primaryScale );	IProgressIndicator
Settings & <b>setPrinterPS</b> ( const IPresSpaceHandle &hpsPrinter );	IFileDialog::Settings
virtual IThread & <b>setPriority</b> ( IApplication::PriorityClass aClass, unsigned level );	IApplication
IApplication & <b>setPriority</b> ( PriorityClass priorityClass, unsigned priorityLevel = Boolean setDescendents = false );	IApplication

## User Interface Library - Other Member Functions

Member Function	Class
virtual IThread & <b>setQueueSize</b> ( long <i>queueSize</i> );	IThread
ISpinButton & <b>setRange</b> ( const IRange & <i>aNewRange</i> , Boolean <i>override</i> = false );	ISpinButton
ISpinButton & <b>setReadOnly</b> ( Boolean <i>readOnly</i> = true );	ISpinButton
IColor & <b>setRed</b> ( unsigned char <i>redMix</i> );	IColor
IContainerControl & <b>setRefreshOff</b> ( );	IContainerControl
virtual IContainerObject & <b>setRefreshOff</b> ( );	IContainerObject
IContainerControl & <b>setRefreshOn</b> ( Boolean <i>on</i> = true );	IContainerControl
virtual IContainerObject & <b>setRefreshOn</b> ( Boolean <i>refreshOn</i> = true );	IContainerObject
virtual IInfoArea & <b>setResourceLibrary</b> ( const char * <i>resDLLName</i> );	IInfoArea
virtual ICurrentApplication & <b>setResourceLibrary</b> ( const char * <i>resLibName</i> );	ICurrentApplication
virtual IInfoArea & <b>setResourceLibrary</b> ( const IModuleHandle & <i>resMod</i> );	IInfoArea
virtual IFrameWindow & <b>setRestoreRect</b> ( const IRectangle & <i>aRect</i> );	IFrameWindow
IEvent & <b>setResult</b> ( const IEventResult & <i>eventResult</i> );	IEvent
virtual IFrameWindow & <b>setResult</b> ( unsigned long <i>result</i> );	IFrameWindow
IMultiCellCanvas & <b>setRowHeight</b> ( unsigned long <i>row</i> , unsigned long <i>heightInPixels</i> , Boolean <i>expandable</i> = false );	IMultiCellCanvas
Settings & <b>setSaveAsDialog</b> ( );	IFileDialog::Settings
IScrollBar & <b>setScrollableRange</b> ( const IRange & <i>minMax</i> );	IScrollBar
IScrollBar & <b>setScrollBar</b> ( const IRange & <i>scrollableRange</i> , unsigned long <i>visibleCount</i> );	IScrollBar
IMenuItem & <b>setSelectable</b> ( Boolean <i>selectable</i> = true );	IMenuItem
IContainerControl & <b>setSelected</b> ( IContainerObject * <i>object</i> , Boolean <i>select</i> = true );	IContainerControl
IMenuItem & <b>setSeparator</b> ( );	IMenuItem
ISpinButton & <b>setServantMaster</b> ( const ISpinButton & <i>master</i> );	ISpinButton
IException & <b>setSeverity</b> ( Severity <i>severity</i> );	IException
IProgressIndicator & <b>setShaftBreadth</b> ( unsigned long <i>breadth</i> );	IProgressIndicator
IProgressIndicator & <b>setShaftPosition</b> ( const IPoint & <i>lowerLeft</i> );	IProgressIndicator
IContainerControl & <b>setSingleSelection</b> ( );	IContainerControl
ISWP & <b>setSize</b> ( const ISize & <i>aSize</i> );	ISWP
IFrameExtension & <b>setSize</b> ( double <i>widthOrHeight</i> );	IFrameExtension
IFrameExtension & <b>setSize</b> ( int <i>widthOrHeight</i> );	IFrameExtension
virtual Boolean <b>setSize</b> ( ISize & <i>newSize</i> );	IMenuDrawItemHandler
Settings & <b>setSizeList</b> ( const char * <i>sizeList</i> );	IFontDialog::Settings
ISplitCanvas & <b>setSplitBarThickness</b> ( SplitBarArea <i>value</i> , unsigned long <i>thickness</i> );	ISplitCanvas
ISplitCanvas & <b>setSplitWindowPercentage</b> ( IWindow * <i>window</i> , unsigned long <i>percentage</i> );	ISplitCanvas
virtual IThread & <b>setStackSize</b> ( unsigned long <i>aSize</i> );	IThread
IDDEvent & <b>setStatus</b> ( unsigned short <i>status</i> );	IDDEvent
virtual INotebook::PageSettings & <b>setStatusText</b> ( const char * <i>statusText</i> );	INotebook::PageSettings

## User Interface Library - Other Member Functions

Member Function	Class
virtual INotebook & <b>setStatusText</b> ( const IPageHandle &referencePage, const char *statusText );	INotebook
virtual INotebook & <b>setStatusText</b> ( const IPageHandle &referencePage, const IResourceId &resourceId );	INotebook
virtual INotebook::PageSettings & <b>setStatusText</b> ( const IResourceId &resourceId );	INotebook::PageSettings
virtual INotebook & <b>setStatusTextAlignment</b> ( TextAlignment alignment );	INotebook
IFont & <b>setStrikeout</b> ( Boolean strikeout = true );	IFont
virtual IInfoArea & <b>setStringTableOffset</b> ( long newOffset );	IInfoArea
IMenuItem & <b>setStyle</b> ( unsigned long newStyle );	IMenuItem
virtual IEntryField & <b>setStyle</b> ( unsigned long style );	IEntryField
virtual IWindow & <b>setStyle</b> ( unsigned long style );	IWindow
virtual IMenu & <b>setSubMenu</b> ( unsigned long itemId, const IResourceId &resourceId );	IMenu
IMenuItem & <b>setSubMenuHandle</b> ( const IWindowHandle &menuHandle );	IMenuItem
IMultiLineEdit & <b>setTab</b> ( unsigned long tabPixelInterval );	IMultiLineEdit
virtual INotebook::PageSettings & <b>setTabBitmap</b> ( const IBitmapHandle &bitmap );	INotebook::PageSettings
virtual INotebook & <b>setTabBitmap</b> ( const IPageHandle &referencePage, const IBitmapHandle &bitmap );	INotebook
virtual INotebook & <b>setTabBitmap</b> ( const IPageHandle &referencePage, const IResourceId &resourceId );	INotebook
virtual INotebook::PageSettings & <b>setTabBitmap</b> ( const IResourceId &resourceId );	INotebook::PageSettings
virtual INotebook & <b>setTabShape</b> ( TabShape tabShape );	INotebook
virtual INotebook::PageSettings & <b>setTabText</b> ( const char *tabText );	INotebook::PageSettings
virtual INotebook & <b>setTabText</b> ( const IPageHandle &referencePage, const char *tabText );	INotebook
virtual INotebook & <b>setTabText</b> ( const IPageHandle &referencePage, const IResourceId &resourceId );	INotebook
virtual INotebook::PageSettings & <b>setTabText</b> ( const IResourceId &resourceId );	INotebook::PageSettings
virtual INotebook & <b>setTabTextAlignment</b> ( TextAlignment alignment );	INotebook
IMultiLineEdit & <b>setText</b> ( char *buffer, unsigned long bufferSize = );	IMultiLineEdit
IException & <b>setText</b> ( const char *errorText );	IException
IMenuItem & <b>setText</b> ( const char *newText );	IMenuItem
IMultiLineEdit & <b>setText</b> ( const char *text );	IMultiLineEdit
virtual ISetCanvas & <b>setText</b> ( const char *text );	ISetCanvas
virtual ITextControl & <b>setText</b> ( const char *text );	ITextControl
IMultiLineEdit & <b>setText</b> ( const IResourceId &text );	IMultiLineEdit
virtual ISetCanvas & <b>setText</b> ( const IResourceId &text );	ISetCanvas
virtual ITextControl & <b>setText</b> ( const IResourceId &text );	ITextControl
IMenuItem & <b>setText</b> ( const IResourceId &textResId );	IMenuItem
virtual IMenu & <b>setText</b> ( unsigned long menuItemId, const char *newText );	IMenu
virtual ISubMenu & <b>setText</b> ( unsigned long menuItemId, const char *newText );	ISubMenu

## User Interface Library - Other Member Functions

Member Function	Class
virtual IMenu & <b>setText</b> ( unsigned long <i>menuItemId</i> , const IResourceId & <i>newTextResId</i> );	IProgressIndicator
virtual ISubMenu & <b>setText</b> ( unsigned long <i>menuItemId</i> , const IResourceId & <i>newTextResId</i> );	IProgressIndicator
IProgressIndicator & <b>setTickLength</b> ( unsigned long <i>length</i> );	IProgressIndicator
IProgressIndicator & <b>setTickLength</b> ( unsigned long <i>tickNumber</i> , unsigned long <i>length</i> );	IProgressIndicator
IProgressIndicator & <b>setTicks</b> ( Scale <i>scale</i> , unsigned long <i>numberOfTicks</i> , unsigned long <i>tickSpacing</i> = );	IProgressIndicator
IProgressIndicator & <b>setTicks</b> ( unsigned long <i>scale1NumberOfTicks</i> , unsigned long <i>scale2NumberOfTicks</i> , unsigned long <i>scale1TickSpacing</i> = , unsigned long <i>scale2TickSpacing</i> = );	IProgressIndicator
IProgressIndicator & <b>setTickText</b> ( unsigned long <i>tickNumber</i> , const char * <i>text</i> );	IProgressIndicator
IProgressIndicator & <b>setTickText</b> ( unsigned long <i>tickNumber</i> , const IResourceId & <i>textResId</i> );	IProgressIndicator
Settings & <b>setTitle</b> ( char * <i>newTitle</i> );	IFileDialog::Settings
IMessageBox & <b>setTitle</b> ( const char * <i>aTitle</i> );	IMessageBox
IContainerControl & <b>setTitle</b> ( const char * <i>title</i> );	IContainerControl
IHelpWindow & <b>setTitle</b> ( const char * <i>titleText</i> );	IHelpWindow
Settings & <b>setTitle</b> ( const char * <i>titleText</i> );	IFontDialog::Settings, IHelpWindow::Settings
IMessageBox & <b>setTitle</b> ( const IResourceId & <i>aTitle</i> );	IMessageBox
Settings & <b>setTitle</b> ( const IResourceId & <i>resId</i> );	IFileDialog::Settings, IFontDialog::Settings, IHelpWindow::Settings
IContainerControl & <b>setTitle</b> ( const IResourceId & <i>resourceId</i> );	IContainerControl
IHelpWindow & <b>setTitle</b> ( const IResourceId & <i>titleId</i> );	IHelpWindow
IContainerControl & <b>setTitleAlignment</b> ( TitleAlignment <i>alignment</i> = centered );	IContainerControl
virtual IContainerColumn & <b>setTitleAttributes</b> ( unsigned long <i>titleAttributes</i> );	IContainerColumn
ITitle & <b>setTitleText</b> ( const char * <i>objectName</i> , const char * <i>viewName</i> = , unsigned long <i>viewNum</i> = );	ITitle
ITitle & <b>setTitleText</b> ( const IResourceId & <i>objectNameResId</i> , const IResourceId & <i>viewNameResId</i> = , unsigned long <i>viewNum</i> = );	ITitle
Boolean <b>setToFirst</b> ( );	IComboBox::Cursor, IListBox::Cursor, IMenu::Cursor, IProfile::Cursor, ISpinButton::Cursor, ISubMenu::Cursor
virtual Boolean <b>setToFirst</b> ( );	IContainerControl::ColumnCursor, IContainerControl::ObjectCursor, IContainerControl::TextCursor, INotebook::Cursor, IWindow::ChildCursor
Boolean <b>setToIndex</b> ( unsigned long <i>index</i> );	IComboBox::Cursor, IListBox::Cursor

## User Interface Library - Other Member Functions

Member Function	Class
Boolean <b>setToLast</b> ( );	IComboBox::Cursor, IListBox::Cursor, IMenu::Cursor, IProfile::Cursor, ISpinButton::Cursor, ISubMenu::Cursor
virtual Boolean <b>setToLast</b> ( );	IContainerControl::ColumnCursor, IContainerControl::ObjectCursor, IContainerControl::TextCursor, INotebook::Cursor
Boolean <b>setToNext</b> ( );	IComboBox::Cursor, IListBox::Cursor, IMenu::Cursor, IProfile::Cursor, ISpinButton::Cursor, ISubMenu::Cursor
virtual Boolean <b>setToNext</b> ( );	IContainerControl::ColumnCursor, IContainerControl::ObjectCursor, IContainerControl::TextCursor, INotebook::Cursor, IWindow::ChildCursor
IComboBox & <b>setTop</b> ( unsigned long <i>index</i> );	IComboBox
IListBox & <b>setTop</b> ( unsigned long <i>index</i> );	IListBox
IMultiLineEdit & <b>setTop</b> ( unsigned long <i>lineNumber</i> );	IMultiLineEdit
IViewPort & <b>setTopLeftViewPoint</b> ( const IPoint & <i>topLeft</i> );	IViewPort
Boolean <b>setToPrevious</b> ( );	IComboBox::Cursor, IListBox::Cursor, IMenu::Cursor, IProfile::Cursor, ISpinButton::Cursor, ISubMenu::Cursor
virtual Boolean <b>setToPrevious</b> ( );	IContainerControl::ColumnCursor, IContainerControl::ObjectCursor, IContainerControl::TextCursor, INotebook::Cursor
static void <b>setTraceFunction</b> ( IException::TraceFn & <i>traceFunction</i> );	IException
virtual IContainerControl & <b>setTreeExpandIconSize</b> ( const ISize & <i>sizeIcon</i> );	IContainerControl
virtual IContainerControl & <b>setTreeItemIcons</b> ( const IPointerHandle & <i>expanded</i> , const IPointerHandle & <i>collapsed</i> );	IContainerControl
virtual IContainerControl & <b>setTreeItemIcons</b> ( const IResourceId & <i>expanded</i> , const IResourceId & <i>collapsed</i> );	IContainerControl
virtual IContainerControl & <b>setTreeViewIndent</b> ( long <i>indentPixels</i> = -1 );	IContainerControl
Settings & <b>setTutorial</b> ( const char * <i>tutorial</i> );	IHelpWindow::Settings
IFont & <b>setUnderscore</b> ( Boolean <i>underscore</i> = true );	IFont
IRange & <b>setUpperBound</b> ( Coord <i>upper</i> );	IRange
IViewPort & <b>setupScrollBars</b> ( );	IViewPort
virtual INotebook & <b>setUserData</b> ( const IPageHandle & <i>referencePage</i> , unsigned long <i>userData</i> );	INotebook
virtual INotebook::PageSettings & <b>setUserData</b> ( unsigned long <i>userData</i> );	INotebook::PageSettings

## User Interface Library - Other Member Functions

Member Function	Class
virtual ICurrentApplication & <b>setUserResourceLibrary</b> ( const char * <i>resLibName</i> );	ICurrentApplication
IHelpWindow & <b>setUsingHelp</b> ( unsigned long <i>helpId</i> );	IHelpWindow
Settings & <b>setUsingHelp</b> ( unsigned long <i>helpId</i> );	IHelpWindow::Settings
IBitFlag & <b>setValue</b> ( unsigned long <i>value</i> );	IBitFlag
IMenu & <b>setVerticalFlip</b> ( Boolean <i>flip</i> = true );	IMenu
ITitle & <b>setViewNum</b> ( unsigned long <i>viewNum</i> );	ITitle
ITitle & <b>setViewText</b> ( const char * <i>viewName</i> );	ITitle
ITitle & <b>setViewText</b> ( const IResourceId & <i>viewNameResId</i> );	ITitle
virtual IViewPort & <b>setViewWindowSize</b> ( const ISize & <i>size</i> );	IViewPort
IScrollBar & <b>setVisibleCount</b> ( unsigned long <i>scrollableRangeUnits</i> );	IScrollBar
ISize & <b>setWidth</b> ( Coord <i>CX</i> );	ISize
virtual INotebook & <b>setWindow</b> ( const Cursor & <i>cursor</i> , IWindow * <i>window</i> = );	INotebook
virtual INotebook & <b>setWindow</b> ( const IPageHandle & <i>referencePage</i> , IWindow * <i>window</i> );	INotebook
IWindow & <b>setWindowData</b> ( long <i>index</i> , unsigned long <i>ulong</i> );	IWindow
IWindow & <b>setWindowData</b> ( long <i>index</i> , unsigned short <i>ushort</i> );	IWindow
Boolean <b>setWindowFont</b> ( IWindow * <i>window</i> ) const;	IFont
virtual IThread & <b>setWindowList</b> ( IWindowList * <i>list</i> );	IThread
IPoint & <b>setX</b> ( Coord <i>X</i> );	IPoint
IPoint & <b>setY</b> ( Coord <i>Y</i> );	IPoint
IPoint <b>shaftPosition</b> ( ) const;	IProgressIndicator
ISize <b>shaftSize</b> ( ) const;	IProgressIndicator
virtual IFrameWindow & <b>shareParentDBCSStatus</b> ( );	IFrameWindow
virtual IContainerObject & <b>show</b> ( Boolean <i>show</i> = true, IContainerControl * <i>container</i> = );	IContainerObject
virtual IWindow & <b>show</b> ( Boolean <i>showWindow</i> = true );	IWindow
virtual IContainerColumn & <b>show</b> ( Boolean <i>visible</i> = true );	IContainerColumn
IMessageBox::Response <b>show</b> ( const char * <i>aMessage</i> , Severity <i>aSeverity</i> , unsigned long <i>aHelpId</i> = );	IMessageBox
IMessageBox::Response <b>show</b> ( const char * <i>aMessage</i> , Style <i>aStyle</i> , unsigned long <i>aHelpId</i> = );	IMessageBox
IHelpWindow & <b>show</b> ( const char * <i>panelName</i> );	IHelpWindow
IMessageBox::Response <b>show</b> ( const IErrorInfo & <i>aError</i> , unsigned long <i>aHelpId</i> );	IMessageBox
IMessageBox::Response <b>show</b> ( const IException & <i>aException</i> , unsigned long <i>aHelpId</i> );	IMessageBox
IPopUpMenu & <b>show</b> ( const IPoint & <i>atLocation</i> );	IPopUpMenu
IMessageBox::Response <b>show</b> ( const IResourceId & <i>aResId</i> , Severity <i>aSeverity</i> , unsigned long <i>aHelpId</i> = );	IMessageBox
IHelpWindow & <b>show</b> ( const IResourceId & <i>panelId</i> );	IHelpWindow

## User Interface Library - Other Member Functions

Member Function	Class
IMessageBox::Response <b>show</b> ( const IResourceId &resId, Style aStyle, unsigned long aHelpId = );	IMessageBox
IHelpWindow & <b>show</b> ( HelpType helpType );	IHelpWindow
virtual Boolean <b>showContents</b> ( IHelpNotifyEvent &notifyEvent );	IHelpHandler
virtual Boolean <b>showCoverpage</b> ( IHelpNotifyEvent &notifyEvent );	IHelpHandler
IContainerControl & <b>showDetailsView</b> ( );	IContainerControl
IContainerControl & <b>showDetailsViewTitles</b> ( Boolean show = true );	IContainerControl
IContainerControl & <b>showFlowedNameView</b> ( );	IContainerControl
IContainerControl & <b>showFlowedTextView</b> ( );	IContainerControl
virtual Boolean <b>showHistory</b> ( IHelpNotifyEvent &notifyEvent );	IHelpHandler
IContainerControl & <b>showIconView</b> ( );	IContainerControl
virtual Boolean <b>showIndex</b> ( IHelpNotifyEvent &notifyEvent );	IHelpHandler
IComboBox & <b>showList</b> ( Boolean show = true );	IComboBox
virtual unsigned long <b>showModally</b> ( );	IFrameWindow
IContainerControl & <b>showNameView</b> ( );	IContainerControl
IContainerControl & <b>showObject</b> ( IContainerObject *object, Boolean visible = true );	IContainerControl
virtual Boolean <b>showPage</b> ( IHelpNotifyEvent &notifyEvent );	IHelpHandler
IHelpWindow & <b>showPanelIds</b> ( Boolean visibleId = true );	IHelpWindow
virtual Boolean <b>showSearchList</b> ( IHelpNotifyEvent &notifyEvent );	IHelpHandler
virtual IContainerColumn & <b>showSeparators</b> ( const DataStyle &separatorStyles = horizontalSeparator   verticalSeparator	IContainerColumn
virtual IWindow & <b>showSourceEmphasis</b> ( Boolean show = true );	IWindow
IContainerControl & <b>showSourceEmphasis</b> ( Boolean source = true );	IContainerControl
IContainerControl & <b>showSourceEmphasis</b> ( IContainerObject *object, Boolean source = true );	IContainerControl
virtual IContainerControl & <b>showSplitBar</b> ( Boolean Show = true );	IContainerControl
IContainerControl & <b>showTextView</b> ( );	IContainerControl
IContainerControl & <b>showTitle</b> ( Boolean show = true );	IContainerControl
IContainerControl & <b>showTitleSeparator</b> ( Boolean show = true );	IContainerControl
IContainerControl & <b>showTreeIconView</b> ( );	IContainerControl
virtual IContainerControl & <b>showTreeLine</b> ( long treeLinePixelWidth = -1 );	IContainerControl
IContainerControl & <b>showTreeNameView</b> ( );	IContainerControl
IContainerControl & <b>showTreeTextView</b> ( );	IContainerControl
virtual Boolean <b>showTutorial</b> ( IHelpTutorialEvent &tutorialEvent );	IHelpHandler
IRectangle & <b>shrinkBy</b> ( const IPair &aPair );	IRectangle
IRectangle & <b>shrinkBy</b> ( Coord coord );	IRectangle
IRectangle <b>shrunkBy</b> ( const IPair &aPair ) const;	IRectangle
IRectangle <b>shrunkBy</b> ( Coord coord ) const;	IRectangle
ISize <b>size</b> ( ) const;	IRectangle, ISWP, IWindow



## User Interface Library - Other Member Functions

Member Function	Class
unsigned <b>size</b> ( ) const;	IString, ISWPArray
IRectangle & <b>sizeBy</b> ( const IPair &aPair );	IRectangle
IRectangle & <b>sizeBy</b> ( Coord factor );	IRectangle
IRectangle & <b>sizeBy</b> ( double factor );	IRectangle
IRectangle & <b>sizeBy</b> ( double xfact, double yfact );	IRectangle
IRectangle <b>sizedBy</b> ( const IPair &aPair ) const;	IRectangle
IRectangle <b>sizedBy</b> ( Coord factor ) const;	IRectangle
IRectangle <b>sizedBy</b> ( double factor ) const;	IRectangle
IRectangle <b>sizedBy</b> ( double xfact, double yfact ) const;	IRectangle
IRectangle <b>sizedTo</b> ( const IPair &aPair ) const;	IRectangle
IRectangle & <b>sizeTo</b> ( const IPair &aPair );	IRectangle
IHelpWindow & <b>sizeTo</b> ( const ISize &aSize );	IHelpWindow
ISize <b>sizeTo</b> ( const ISize &baseSize ) const;	IFrameExtension
virtual IWindow & <b>sizeTo</b> ( const ISize &newSize );	IWindow
virtual ICurrentThread & <b>sleep</b> ( unsigned long msec );	ICurrentThread
IContainerControl & <b>sort</b> ( const IContainerControl::CompareFn &sortObject );	IContainerControl
IContainerControl & <b>sortByIconText</b> ( Boolean ascending = true );	IContainerControl
Source <b>source</b> ( ) const;	ICommandEvent
Source <b>sourceOfEnd</b> ( ) const;	IDDEndEvent
static IString <b>space</b> ( const IString &aString, unsigned numSpaces = 1, char spaceChar = ' ' );	IString
IString & <b>space</b> ( unsigned numSpaces = 1, char spaceChar = ' ' );	IString
ISpinButton & <b>spinDown</b> ( unsigned long spinBy = 1 );	ISpinButton
virtual Boolean <b>spinEnded</b> ( IControlEvent &event );	ISpinHandler
ISpinButton & <b>spinTo</b> ( const Cursor &cursor );	ISpinButton
ISpinButton & <b>spinTo</b> ( long aValue );	ISpinButton
ISpinButton & <b>spinUp</b> ( unsigned long spinBy = 1 );	ISpinButton
unsigned long <b>splitBarThickness</b> ( SplitBarArea value );	ISplitCanvas
unsigned long <b>splitWindowPercentage</b> ( IWindow *window );	ISplitCanvas
virtual unsigned long <b>stackSize</b> ( ) const;	IThread
void <b>start</b> ( const IReference < IThreadFn > &aFnObjRef, Boolean autoInitPM = IThread::defaultAutoInitPM ( ) );	IThread
IFrameWindow & <b>start</b> ( const IWindowHandle &hwnd );	IFrameWindow
void <b>start</b> ( OptlinkFnPtr pfn, void *anArg, Boolean autoInitPM = IThread::defaultAutoInitPM ( ) );	IThread
void <b>start</b> ( SystemFnPtr pfn, unsigned long anArg, Boolean autoInitPM = IThread::defaultAutoInitPM ( ) );	IThread
unsigned <b>startBackwardsSearch</b> ( unsigned startPos, unsigned searchLen ) const;	IDBCSBuffer
virtual unsigned <b>startBackwardsSearch</b> ( unsigned startPos, unsigned searchLen ) const;	IDBCSBuffer

## User Interface Library - Other Member Functions

Member Function	Class
virtual IStartedThread * <b>startedThread</b> ( ) const;	ICurrentThread, IThread
IWindow & <b>startHandlingEvent</b> ( const IWindowHandle & <i>windowHandle</i> );	IWindow
unsigned <b>startSearch</b> ( unsigned <i>startPos</i> , unsigned <i>searchLen</i> ) const;	IDBCSBuffer
virtual unsigned <b>startSearch</b> ( unsigned <i>startPos</i> , unsigned <i>searchLen</i> ) const;	IBuffer
unsigned short <b>status</b> ( ) const;	IDDEEvent
virtual IString <b>statusText</b> ( ) const;	INotebook::PageSettings
virtual TextAlignment <b>statusTextAlignment</b> ( ) const;	INotebook
virtual void <b>stop</b> ( );	IThread
virtual ICnrDrawHandler & <b>stopHandlingEventsFor</b> ( IContainerControl * <i>container</i> );	ICnrDrawHandler
virtual ICnrEditHandler & <b>stopHandlingEventsFor</b> ( IContainerControl * <i>container</i> );	ICnrEditHandler
virtual ICnrHandler & <b>stopHandlingEventsFor</b> ( IContainerControl * <i>container</i> );	ICnrHandler
virtual ICnrMenuHandler & <b>stopHandlingEventsFor</b> ( IContainerControl * <i>container</i> );	ICnrMenuHandler
virtual IHelpHandler & <b>stopHandlingEventsFor</b> ( IFrameWindow * <i>applicationWindow</i> );	IHelpHandler
virtual IInfoArea & <b>stopHandlingEventsFor</b> ( IFrameWindow * <i>frame</i> );	IInfoArea
virtual IHandler & <b>stopHandlingEventsFor</b> ( IWindow * <i>window</i> );	IHandler
virtual IThread & <b>stopProcessingMsgs</b> ( );	IThread
virtual long <b>stringTableOffset</b> ( ) const;	IInfoArea
IString & <b>strip</b> ( );	IString
IString & <b>strip</b> ( char <i>aCharacter</i> );	IString
IString & <b>strip</b> ( const char * <i>p</i> , unsigned <i>len</i> , IStringEnum::StripMode <i>mode</i> );	IString
IBuffer * <b>strip</b> ( const char * <i>pChars</i> , unsigned <i>len</i> , IStringEnum::StripMode <i>mode</i> );	IBuffer
virtual IBuffer * <b>strip</b> ( const char * <i>pChars</i> , unsigned <i>len</i> , IStringEnum::StripMode <i>mode</i> );	IBuffer
IString & <b>strip</b> ( const char * <i>pString</i> );	IString
IString & <b>strip</b> ( const IString & <i>aString</i> );	IString
static IString <b>strip</b> ( const IString & <i>aString</i> , char <i>aChar</i> );	IString
static IString <b>strip</b> ( const IString & <i>aString</i> , const char * <i>pStringOfChars</i> );	IString
static IString <b>strip</b> ( const IString & <i>aString</i> , const IString & <i>aStringOfChars</i> );	IString
static IString <b>strip</b> ( const IString & <i>aString</i> , const IStringTest & <i>aTest</i> );	IString
IString & <b>strip</b> ( const IStringTest & <i>aTest</i> );	IString
IBuffer * <b>strip</b> ( const IStringTest & <i>aTest</i> , IStringEnum::StripMode <i>mode</i> );	IDBCSBuffer
IString & <b>strip</b> ( const IStringTest & <i>aTest</i> , IStringEnum::StripMode <i>mode</i> );	IString
virtual IBuffer * <b>strip</b> ( const IStringTest & <i>aTest</i> , IStringEnum::StripMode <i>mode</i> );	IBuffer
static IString <b>stripBlanks</b> ( const IString & <i>aString</i> );	IString
IString & <b>stripLeading</b> ( );	IString
IString & <b>stripLeading</b> ( char <i>aCharacter</i> );	IString
IString & <b>stripLeading</b> ( const char * <i>pString</i> );	IString
IString & <b>stripLeading</b> ( const IString & <i>aString</i> );	IString

## User Interface Library - Other Member Functions

Member Function	Class
static IString <b>stripLeading</b> ( const IString &aString, char aChar );	IString
static IString <b>stripLeading</b> ( const IString &aString, const char *pStringOfChars );	IString
static IString <b>stripLeading</b> ( const IString &aString, const IString &aStringOfChars );	IString
static IString <b>stripLeading</b> ( const IString &aString, const IStringTest &aTest );	IString
IString & <b>stripLeading</b> ( const IStringTest &aTest );	IString
static IString <b>stripLeadingBlanks</b> ( const IString &aString );	IString
IString & <b>stripTrailing</b> ( );	IString
IString & <b>stripTrailing</b> ( char aCharacter );	IString
IString & <b>stripTrailing</b> ( const char *pString );	IString
IString & <b>stripTrailing</b> ( const IString &aString );	IString
static IString <b>stripTrailing</b> ( const IString &aString, char aChar );	IString
static IString <b>stripTrailing</b> ( const IString &aString, const char *pStringOfChars );	IString
static IString <b>stripTrailing</b> ( const IString &aString, const IString &aStringOfChars );	IString
static IString <b>stripTrailing</b> ( const IString &aString, const IStringTest &aTest );	IString
IString & <b>stripTrailing</b> ( const IStringTest &aTest );	IString
static IString <b>stripTrailingBlanks</b> ( const IString &aString );	IString
unsigned long <b>style</b> ( ) const;	IMenuItem, IWindow
static unsigned long <b>styleFrom</b> ( const Style &style );	IFrameWindow
virtual Boolean <b>subitemNotFound</b> ( IHelpSubItemNotFoundEvent &event );	IHelpHandler
IWindowHandle <b>subMenuHandle</b> ( ) const;	IMenuItem
ISize <b>subscriptOffset</b> ( ) const;	IFont
ISize <b>subscriptSize</b> ( ) const;	IFont
IString <b>subString</b> ( unsigned startPos ) const;	IString
IString <b>subString</b> ( unsigned startPos ) const;	IString
IBuffer * <b>subString</b> ( unsigned startPos, unsigned len, char padCharacter ) const;	IBCSBuffer
virtual IBuffer * <b>subString</b> ( unsigned startPos, unsigned len, char padCharacter ) const;	IBuffer
IString <b>subString</b> ( unsigned startPos, unsigned len, char padCharacter = ' ' ) const;	IString
IString <b>subString</b> ( unsigned startPos, unsigned length, char padCharacter = ' ' ) const;	IString
unsigned long <b>subtopicId</b> ( ) const;	IHelpSubItemNotFoundEvent
ISize <b>superscriptOffset</b> ( ) const;	IFont
ISize <b>superscriptSize</b> ( ) const;	IFont
virtual IDDEClientConversation & <b>supportedTopics</b> ( IDDEActiveServerSet &activeServerSet, const char *applicationName = );	IDDEClientConversation
virtual IDDEClientConversation & <b>supportingApplications</b> ( IDDEActiveServerSet &activeServerSet, const char *topicName );	IDDEClientConversation
virtual void <b>suspend</b> ( );	ICurrentThread, IThread

## User Interface Library - Other Member Functions

Member Function	Class
virtual Boolean <b>swapPage</b> ( IHelpNotifyEvent &notifyEvent );	IHelpHandler
ISWP * <b>swpArray</b> ( ) const;	IFormatEvent
virtual Boolean <b>systemCommand</b> ( ICommandEvent &event );	ICommandHandler
static IProfile <b>systemProfile</b> ( );	IProfile
static unsigned long <b>systemScrollBarWidth</b> ( Boolean verticalScrollBar = true );	IScrollBar
static unsigned long <b>systemScrollBoxLength</b> ( Boolean verticalScrollBar = true );	IScrollBar
static unsigned long <b>systemScrollButtonLength</b> ( Boolean verticalScrollBar = true );	IScrollBar
IBitmapHandle <b>tabBitmap</b> ( ) const;	IPageRemoveEvent
virtual IBitmapHandle <b>tabBitmap</b> ( ) const;	INotebook::PageSettings
virtual TabShape <b>tabShape</b> ( ) const;	INotebook
virtual IString <b>tabText</b> ( ) const;	INotebook::PageSettings
virtual TextAlignment <b>tabTextAlignment</b> ( ) const;	INotebook
virtual void <b>terminate</b> ( );	IException
virtual void <b>terminatePM</b> ( );	ICurrentThread
virtual Boolean <b>test</b> ( int c ) const;	IStringTest, IStringTestMemberFn
const char * <b>text</b> ( ) const;	IMessageText
IString <b>text</b> ( ) const;	IMenuItem, IMultiLineEdit
virtual const char * <b>text</b> ( ) const;	IErrorInfo, IGUIErrorInfo, ISystemErrorInfo
virtual IString <b>text</b> ( ) const;	ISetCanvas, ITextControl
const char * <b>text</b> ( unsigned long indexFromTop = ) const;	IException
IString <b>text</b> ( unsigned long lineNumber ) const;	IMultiLineEdit
unsigned long <b>textCount</b> ( ) const;	IException
virtual unsigned long <b>textLength</b> ( ) const;	IMultiLineEdit, ITextControl
unsigned long <b>textLines</b> ( const char *text, unsigned long lineWidth ) const;	IFont
IRectangle <b>textRectangle</b> ( const IContainerObject *object ) const;	IContainerControl
char ** <b>textRef</b> ( );	ICnrEditEvent
unsigned long <b>textSize</b> ( ) const;	ICnrEditEvent
unsigned long <b>textWidth</b> ( const char *text ) const;	IFont
static unsigned long <b>threadId</b> ( );	ITrace
static void <b>throwGUIError</b> ( const char *functionName, IExceptionLocation location, IErrorInfo IErrorInfo::ExceptionType name = accessError, IException::Severity severity = recoverable );	IErrorInfo
static void <b>throwSystemError</b> ( unsigned long systemErrorId, const char *functionName, ISystemErrorInfo IExceptionLocation location, IErrorInfo::ExceptionType name = accessError, IException::Severity severity = recoverable );	ISystemErrorInfo
unsigned long <b>tickLength</b> ( unsigned long tickNumber ) const;	IProgressIndicator
IPoint <b>tickPosition</b> ( unsigned long tickNumber ) const;	IProgressIndicator
unsigned long <b>tickSpacing</b> ( Scale scale ) const;	IProgressIndicator

## User Interface Library - Other Member Functions

Member Function	Class
<code>IString tickText ( unsigned long tickNumber ) const;</code>	<code>IProgressIndicator</code>
<code>IString title ( ) const;</code>	<code>IContainerControl</code>
<code>virtual unsigned long titleAttributes ( ) const;</code>	<code>IContainerColumn</code>
<code>static IDate today ( );</code>	<code>IDate</code>
<code>Coord top ( ) const;</code>	<code>IRectangle</code>
<code>unsigned long top ( ) const;</code>	<code>IComboBox, IListBox, IMultiLineEdit</code>
<code>IPoint topCenter ( ) const;</code>	<code>IRectangle</code>
<code>IString topic ( ) const;</code>	<code>IDDEActiveServer, IDDEBeginEvent, IDDEClientConversation, IDDEClientEndEvent, IDDETopicServer</code>
<code>unsigned long topicId ( ) const;</code>	<code>IHelpSubItemNotFoundEvent</code>
<code>IPoint topLeft ( ) const;</code>	<code>IRectangle</code>
<code>IPoint topLeftViewPoint ( ) const;</code>	<code>IViewPort</code>
<code>virtual IPageHandle topPage ( ) const;</code>	<code>INotebook</code>
<code>IPoint topRight ( ) const;</code>	<code>IRectangle</code>
<code>virtual unsigned long totalPages ( ) const;</code>	<code>INotebook</code>
<code>static ITrace::Destination traceDestination ( );</code>	<code>ITrace</code>
<code>unsigned short transactionType ( ) const;</code>	<code>IDDEAcknowledgeEvent</code>
<code>IString &amp; translate ( const char *pInputChars, const char *pOutputChars, char padCharacter = ' ' );</code>	<code>IString</code>
<code>IString &amp; translate ( const char *pInputChars, const IString &amp;outputChars, char padCharacter = ' ' );</code>	<code>IString</code>
<code>IBuffer * translate ( const char *pInputChars, unsigned inputLen, const char *pOutputChars, unsigned outputLen, char padCharacter );</code>	<code>IDBCSBuffer</code>
<code>IString &amp; translate ( const char *pInputChars, unsigned inputLen, const char *pOutputChars, unsigned outputLen, char padCharacter );</code>	<code>IString</code>
<code>virtual IBuffer * translate ( const char *pInputChars, unsigned inputLen, const char *pOutputChars, unsigned outputLen, char padCharacter );</code>	<code>IBuffer</code>
<code>static IString translate ( const IString &amp;aString, const char *pInputChars, const char *pOutputChars, char padCharacter = ' ' );</code>	<code>IString</code>
<code>static IString translate ( const IString &amp;aString, const char *pInputChars, const IString &amp;outputChars, char padCharacter = ' ' );</code>	<code>IString</code>
<code>static IString translate ( const IString &amp;aString, const IString &amp;inputChars, const char *pOutputChars, char padCharacter = ' ' );</code>	<code>IString</code>
<code>static IString translate ( const IString &amp;aString, const IString &amp;inputChars, const IString &amp;outputChars, char padCharacter = ' ' );</code>	<code>IString</code>
<code>IString &amp; translate ( const IString &amp;inputChars, const char *pOutputChars, char padCharacter = ' ' );</code>	<code>IString</code>
<code>IString &amp; translate ( const IString &amp;inputChars, const IString &amp;outputChars, char padCharacter = ' ' );</code>	<code>IString</code>
<code>IPair &amp; transpose ( );</code>	<code>IPair</code>

## User Interface Library - Other Member Functions

Member Function	Class
friend IPair <b>transpose</b> ( const IPair & <i>aPair</i> );	IPair
virtual Boolean <b>treeCollapsed</b> ( IContainerObject * <i>collapsedObject</i> , IContainerControl * <i>container</i> );	ICnrHandler
virtual Boolean <b>treeExpanded</b> ( IContainerObject * <i>expandedObject</i> , IContainerControl * <i>container</i> );	ICnrHandler
IFrameWindow & <b>tryToLoadDialog</b> ( const IResourceId & <i>resId</i> , IWindow * <i>parent</i> = ↓FrameWindow IWindow * <i>owner</i> = );	
virtual INotebook & <b>turnToPage</b> ( const Cursor & <i>cursor</i> );	INotebook
virtual INotebook & <b>turnToPage</b> ( const IPageHandle & <i>page</i> );	INotebook
IString <b>tutorialName</b> ( ) const;	IHelpTutorialEvent
ControlType <b>type</b> ( ) const;	IComboBox
Type <b>type</b> ( ) const;	IFrameExtension
virtual IMenu & <b>uncheckItem</b> ( unsigned long <i>itemId</i> );	IMenu
virtual ISubMenu & <b>uncheckItem</b> ( unsigned long <i>itemId</i> );	ISubMenu
IMultiLineEdit & <b>undo</b> ( );	IMultiLineEdit
ISubMenu & <b>undo</b> ( );	ISubMenu
virtual IButton & <b>unhighlight</b> ( );	IButton
virtual Boolean <b>unhighlight</b> ( IListBoxDrawItemEvent & <i>event</i> );	IListBoxDrawItemHandler
virtual Boolean <b>unhighlight</b> ( IMenuDrawItemEvent & <i>event</i> );	IMenuDrawItemHandler
IResource & <b>unlock</b> ( );	IResource
IAccelerator & <b>unset</b> ( );	IAccelerator
virtual IFrameWindow & <b>update</b> ( );	IFrameWindow
Coord <b>upperBound</b> ( ) const;	IRange
IBuffer * <b>upperCase</b> ( );	IDBCSBuffer
IString & <b>upperCase</b> ( );	IString
virtual IBuffer * <b>upperCase</b> ( );	IBuffer
static IString <b>upperCase</b> ( const IString & <i>aString</i> );	IString
IFont & <b>useBitmapOnly</b> ( Boolean <i>fDolt</i> = true );	IFont
unsigned <b>useCount</b> ( ) const;	IBuffer
unsigned long <b>useCount</b> ( ) const;	IContainerObject
IFont & <b>useNonPropOnly</b> ( Boolean <i>fDolt</i> = true );	IFont
virtual unsigned long <b>userData</b> ( ) const;	INotebook::PageSettings
static IProfile <b>userProfile</b> ( );	IProfile
virtual IResourceLibrary & <b>userResourceLibrary</b> ( ) const;	ICurrentApplication
IFont & <b>useVectorOnly</b> ( Boolean <i>fDolt</i> = true );	IFont
IRectangle & <b>validate</b> ( );	IRectangle
virtual Boolean <b>validate</b> ( IFileDialogEvent & <i>filevt</i> );	IFileDialogHandler
Boolean <b>validObject</b> ( ) const;	ICnrEnterEvent
IColor::Color <b>value</b> ( ) const;	IColor

## User Interface Library - Other Member Functions

Member Function	Class
IScrollBar * <b>verticalScrollBar</b> ( ) const;	IViewPort
IWindowHandle <b>viewedPagesWindow</b> ( ) const;	IHelpWindow
unsigned long <b>viewNum</b> ( ) const;	ITitle
IRectangle <b>viewportOnWindow</b> ( ) const;	IContainerControl
IRectangle <b>viewportOnWorkspace</b> ( ) const;	IContainerControl
IString <b>viewText</b> ( ) const;	ITitle
virtual IWindowHandle <b>viewWindow</b> ( );	IViewPort
virtual IRectangle <b>viewWindowDrawRectangle</b> ( ) const;	IViewPort
virtual ISize <b>viewWindowSize</b> ( ) const;	IViewPort
VirtualKey <b>virtualKey</b> ( ) const;	IKeyboardEvent
virtual Boolean <b>virtualKeyPress</b> ( IKeyboardEvent & <i>keyevt</i> );	IKeyboardHandler
unsigned long <b>visibleCount</b> ( ) const;	IScrollBar
unsigned long <b>visibleLines</b> ( ) const;	IMultiLineEdit
virtual ICurrentThread & <b>waitFor</b> ( const IThread & <i>anotherThread</i> );	ICurrentThread
virtual ICurrentThread & <b>waitForAllThreads</b> ( );	ICurrentThread
virtual IThreadId <b>waitForAnyThread</b> ( );	ICurrentThread
Coord <b>width</b> ( ) const;	IRectangle, ISize
Boolean <b>willDeleteColumnsOnClose</b> ( ) const;	IContainerControl
Boolean <b>willDeleteObjectsOnClose</b> ( ) const;	IContainerControl
Boolean <b>willDestroyOnClose</b> ( ) const;	IFrameWindow
IWindow * <b>window</b> ( ) const;	IEvent
virtual IWindow * <b>window</b> ( const Cursor & <i>cursor</i> ) const;	INotebook
virtual IWindow * <b>window</b> ( const IPageHandle & <i>page</i> ) const;	INotebook
IWindowHandle <b>windowHandle</b> ( ) const;	IHelpNotifyEvent, ISWP
virtual IWindow * <b>windowInCell</b> ( unsigned long <i>startingColumn</i> , unsigned long <i>startingRow</i> ) const;	IMultiCellCanvas
virtual IWindowList * <b>windowList</b> ( ) const;	IThread
virtual Boolean <b>windowResize</b> ( IResizeEvent & <i>event</i> )= ;	IResizeHandler
virtual Boolean <b>windowScrolled</b> ( ICnrScrollEvent & <i>event</i> );	ICnrHandler
unsigned long <b>windowULong</b> ( long <i>index</i> ) const;	IWindow
unsigned short <b>windowUShort</b> ( long <i>index</i> ) const;	IWindow
static IWindow * <b>windowWithHandle</b> ( const IWindowHandle & <i>windowHandle</i> );	IWindow
static IWindow * <b>windowWithId</b> ( unsigned long <i>id</i> , const IWindow * <i>owner</i> );	IWindow
IString <b>word</b> ( unsigned <i>wordNumber</i> ) const;	IString
unsigned <b>wordIndexOfPhrase</b> ( const IString & <i>aPhrase</i> , unsigned <i>startWord</i> = 1 )	IString
IString <b>words</b> ( unsigned <i>firstWord</i> ) const;	IString
IString <b>words</b> ( unsigned <i>firstWord</i> , unsigned <i>numWords</i> ) const;	IString
virtual void <b>write</b> ( const char * <i>buffer</i> )= ;	IException::TraceFn

## User Interface Library - Other Member Functions

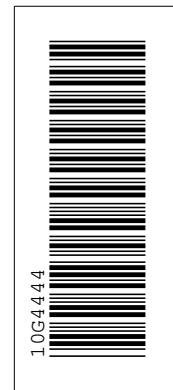
Member Function	Class
static void <b>write</b> ( const char * <i>text</i> );	ITrace
static void <b>write</b> ( const IString & <i>text</i> );	ITrace
static void <b>writeFormattedString</b> ( const IString & <i>string</i> , char * <i>marker</i> );	ITrace
static void <b>writeString</b> ( char * <i>text</i> );	ITrace
static void <b>writeToQueue</b> ( );	ITrace
static void <b>writeToStandardError</b> ( );	ITrace
static void <b>writeToStandardOutput</b> ( );	ITrace
Coord <b>x</b> ( ) const;	IPoint
long <b>xHeight</b> ( ) const;	IFontDialog
IString & <b>x2b</b> ( );	IString
static IString <b>x2b</b> ( const IString & <i>aString</i> );	IString
IString & <b>x2c</b> ( );	IString
static IString <b>x2c</b> ( const IString & <i>aString</i> );	IString
IString & <b>x2d</b> ( );	IString
static IString <b>x2d</b> ( const IString & <i>aString</i> );	IString
Coord <b>y</b> ( ) const;	IPoint
int <b>year</b> ( ) const;	IDate



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Program Number: 10G2996  
10G3293

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### Headings

<u>id</u>	<u>File</u>	<u>Page</u>	<u>References</u>
NOTICES	CXXSNOT	v	Notices ii

### Processing Options

#### Runtime values:

Document fileid .....	CXXSMAS T SCRIPT
Document type .....	USERDOC
Document style .....	SDELIB
Profile .....	EDFPRF30
Service Level .....	0026
SCRIPT/VS Release .....	4.0.0
Date .....	93.05.10
Time .....	09:16:57
Device .....	PSA
Number of Passes .....	3
Index .....	NO
SYSVAR D .....	YES
SYSVAR G .....	INLINE
SYSVAR V .....	TORONTO
SYSVAR 1 .....	OS2
SYSVAR 2 .....	COS2
SYSVAR 3 .....	GOOD
SYSVAR 4 .....	PS

#### Formatting values used:

Annotation .....	NO
Cross reference listing .....	YES
Cross reference head prefix only .....	NO
Dialog .....	LABEL
Duplex .....	YES
DVCF conditions file .....	(none)
DVCF value 1 .....	OS2
DVCF value 2 .....	COS2
DVCF value 3 .....	GOOD
DVCF value 4 .....	PS
DVCF value 5 .....	(none)
DVCF value 6 .....	(none)
DVCF value 7 .....	(none)
DVCF value 8 .....	(none)
DVCF value 9 .....	(none)
Explode .....	NO
Figure list on new page .....	YES
Figure/table number separation .....	YES
Folio-by-chapter .....	NO
Head 0 body text .....	(none)
Head 1 body text .....	(none)
Head 1 appendix text .....	Appendix
Hyphenation .....	NO
Justification .....	NO
Language .....	ENGL

Layout .....	OFF
Leader dots .....	YES
Master index .....	(none)
Partial TOC (maximum level) .....	4
Partial TOC (new page after) .....	INLINE
Print example id's .....	NO
Print cross reference page numbers .....	YES
Process value .....	(none)
Punctuation move characters .....	,
Read cross-reference file .....	(none)
Running heading/footing rule .....	NONE
Show index entries .....	NO
Table of Contents (maximum level) .....	3
Table list on new page .....	YES
Title page (draft) alignment .....	RIGHT
Write cross-reference file .....	(none)

<b>Imbed Trace</b>
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Page 0	CXXSSET
Page 0	CXXSYM
Page i	CXXSEDN
Page iii	CXXSNOT
Page 3	TABLHDR
Page 3	CXXSCXCR
Page 3	TABLHDR
Page 3	CXXSCXOP
Page 4	TABLHDR
Page 4	CXXSCXAZ
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Page 8	CXXSIOAZ
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Page 13	CXXSTKCR
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Page 13	CXXSTKDR
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Page 17	TABLHDR
Page 17	CXXSCLCR
Page 17	TABLHDR
Page 17	CXXSCLDR
Page 17	TABLHDR
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Page 18	TABLHDR
Page 18	CXXSCLAZ
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Page 23	CXXSUICR
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Page 36	CXXSUIDR
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CXXSUIGL  
CXXSUIMR  
CXXSUISZ