

Functions

Comparator Functions

Compare two sets of data as arrays of various types and return their ordering

int	IXCompareBytes (const void <i>*data1</i> , unsigned short <i>length1</i> , const void <i>*data2</i> , unsigned short <i>length2</i> , const void <i>*context</i>)
int	IXCompareUnsignedBytes (const void <i>*data1</i> , unsigned short <i>length1</i> , const void <i>*data2</i> , unsigned short <i>length2</i> , const void <i>*context</i>)
int	IXCompareShorts (const void <i>*data1</i> , unsigned short <i>length1</i> , const void <i>*data2</i> , unsigned short <i>length2</i> , const void <i>*context</i>)
int	IXCompareUnsignedShorts (const void <i>*data1</i> , unsigned short <i>length1</i> , const void <i>*data2</i> , unsigned short <i>length2</i> , const void <i>*context</i>)
int	IXCompareLongs (const void <i>*data1</i> , unsigned short <i>length1</i> , const void <i>*data2</i> , unsigned short <i>length2</i> , const void <i>*context</i>)
int	IXCompareUnsignedLongs (const void <i>*data1</i> , unsigned short <i>length1</i> , const void <i>*data2</i> , unsigned short <i>length2</i> , const void <i>*context</i>)
int	IXCompareFloats (const void <i>*data1</i> , unsigned short <i>length1</i> , const void <i>*data2</i> , unsigned short <i>length2</i> , const void <i>*context</i>)
int	IXCompareDoubles (const void <i>*data1</i> , unsigned short <i>length1</i> , const void <i>*data2</i> , unsigned short <i>length2</i> , const void <i>*context</i>)
int	IXCompareShort (const void <i>*data1</i> , unsigned short <i>length1</i> , const void <i>*data2</i> , unsigned short <i>length2</i> , const void <i>*context</i>)
int	IXCompareUnsignedShort (const void <i>*data1</i> , unsigned short <i>length1</i> , const void <i>*data2</i> , unsigned short <i>length2</i> , const void <i>*context</i>)
int	IXCompareLong (const void <i>*data1</i> , unsigned short <i>length1</i> , const void <i>*data2</i> , unsigned short <i>length2</i> , const void <i>*context</i>)
int	IXCompareUnsignedLong (const void <i>*data1</i> , unsigned short <i>length1</i> , const void <i>*data2</i> , unsigned short <i>length2</i> , const void <i>*context</i>)
int	IXCompareFloat (const void <i>*data1</i> , unsigned short <i>length1</i> , const void <i>*data2</i> , unsigned short <i>length2</i> , const void <i>*context</i>)
int	IXCompareDouble (const void <i>*data1</i> , unsigned short <i>length1</i> , const void <i>*data2</i> , unsigned short <i>length2</i> , const void <i>*context</i>)
int	IXCompareStringAndUnsigneds (const void <i>*data1</i> , unsigned short <i>length1</i> , const void <i>*data2</i> , unsigned short <i>length2</i> , const void <i>*context</i>)
int	IXCompareUnsignedAndStrings (const void <i>*data1</i> , unsigned short <i>length1</i> , const void <i>*data2</i> , unsigned short <i>length2</i> , const void <i>*context</i>)
int	IXCompareStrings (const void <i>*data1</i> , unsigned short <i>length1</i> , const void <i>*data2</i> , unsigned short <i>length2</i> , const void <i>*context</i>)
int	IXCompareMonocaseStrings (const void <i>*data1</i> , unsigned short <i>length1</i> , const void <i>*data2</i> , unsigned short <i>length2</i> , const void <i>*context</i>)

Comparison Format Functions

Compare two arrays of data based on a type encoding and return their ordering

int

IXFormatComparator(const void *data1, unsigned short length1, const void *data2, unsigned short length2, void *format)

IXBTree Locking Macros

Lock and unlock an IXBTree for thread-safe access

void

IXLockBTreeMutex(IXBTree *aBTree)

void

IXUnlockBTreeMutex(IXBTree *aBTree)

IXStoreBlock Archiving Functions

Archive or unarchive an object to or from an IXStore

unsigned int

IXWriteRootObjectToStore(IXStore *aStore, unsigned int aHandle, id anObject)

id

IXReadObjectFromStore(IXStore *aStore, unsigned int aHandle, NXZone *aZone)