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/*****

FnError.cp

*****/

/*
Provides a very simple error dialog in the center of the screen.
You have the option of immediately quitting application after user
clicks OK.

Functions Include:

    FnErr_DisplayStrID    Display error using string ID
    FnErr_DisplayStr      Display error string
*/

/***** Available Error ID's */
const short kGeneralError = 900;
const short kBadSystem = 901;
const short kNoResource = 902;
const short kAppleEventError = 903;

/***** Constants */
const short kErrorAlert = 900;
#define kNilPtr 0L
#define kNilStr ""
#define kFatalError "\pFatal Error!"

/***** Prototypes */
void FnErr_DisplayStrID( int stringNum,
                        int quitFlag );
void FnErr_DisplayStr( Str255 s1,
                      Str255 s2,
                      Str255 s3,
                      Str255 s4,
                      int quitFlag );

/***** DisplayStrID */

void FnErr_DisplayStrID( int stringNum, int quitFlag )

    StringHandle errorStringH;

    if ( ( errorStringH = GetString( stringNum ) ) == kNilPtr )
        ParamText( kFatalError, kNilStr, kNilStr, kNilStr );
    else

        HLock( (Handle)errorStringH );
        ParamText( *errorStringH, kNilStr, kNilStr, kNilStr );
        HUnlock( (Handle)errorStringH );

    StopAlert( kErrorAlert, kNilPtr );
    if( quitFlag )
        ExitToShell();

/***** DisplayStr */

void FnErr_DisplayStr( Str255 s1,
                      Str255 s2,
                      Str255 s3,

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                Str255 s4,
                int    quitFlag )

ParamText( s1, s2, s3, s4 );
StopAlert( kErrorAlert, kNilPtr );
if( quitFlag )
    ExitToShell();

/*****

    FnError.r

*****/

#include <Types.r>

resource 'DITL' (900, "Error Alert")

/* array DITLarray: 2 elements */

/* [1] */

59, 288, 79, 348,

Button

enabled,

"OK"

,

/* [2] */

10, 75, 54, 343,

StaticText

enabled,

"^0^1^2^3"

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;
resource 'ALRT' (900, "Error Alert")
94, 80, 183, 438,
900,

/* array: 4 elements */

/* [1] */

OK, visible, sound1,

/* [2] */

OK, visible, sound1,

/* [3] */

OK, visible, sound1,

/* [4] */

OK, visible, sound1,
;
;
resource 'STR ' (900, "General Error")
"Sorry, but a fatal error just occurred!"
;
resource 'STR ' (901, "System Error")
"Sorry, you must have System 7 or later to run this application."
;
resource 'STR ' (902, "Resource Error")
"Error: Resource could not be loaded."
;
resource 'STR ' (903, "Can't Handle AppleEvent Error")
"Error: Could not handle AppleEvent."
;
// End of File
```