Rev_Utility Function

Description

The Rev_Utility function provides an API for various operating system functions.

Syntax

returnValue = Rev_Utility(method, p1...p6)

Parameters

The function has the following parameters:

<table>
<tr><th>Parameter</th><th>Description</th></tr>
<tr><td>method</td><td>A valid Rev_Utility method. BORDERWIDTHS, ERRORTEXT, FSERROR, GETSYSTEMFONTS, SETREADONLY, SETWINDOWSIZE, SYSTEMSIZE, TOKENIZE, VERIFYPROC.</td></tr>
<tr><td>param1...</td><td>Each method has different parameter requirements.</td></tr>
<tr><td>param6</td><td></td></tr>
<tr><td>Methods</td><td>
<table>
<tr><th>Value</th><th>Description</th></tr>
<tr><td>BORDERWIDTHS</td><td>This method examines the style of the window passed in first parameter and returns the width of the window borders for that particular style.</td></tr>
<tr><td>ERRORTEXT</td><td>This method returns the error text associated with an error code. The error code/error text must exist within the REVERROR.DAT file.</td></tr>
<tr><td>FSERROR</td><td>When an error has occurred this message may called to return the error details to the calling routine.</td></tr>
<tr><td>GETSYSTEMFONTS</td><td>Returns an @fm-delimited list of fonts used in the current theme.</td></tr>
<tr><td>SETREADONLY</td><td>This method sets or unsets a control's read only style.</td></tr>
<tr><td>SETWINDOWSIZE</td><td>This method sets a window's SIZE without altering it's visibility.</td></tr>
<tr><td>SYSTEMSIZE</td><td>This method returns the SIZE of the desktop area as reported by the system.</td></tr>
<tr><td>TOKENIZE</td><td>This method tokenizes a string based upon a set of passed delimiters.</td></tr>
<tr><td>VERIFYPROC</td><td>This method validates if a procedure name is a valid system program.</td></tr>
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Parameters

Method	Parameters
BORDERWIDTHS	A Window Name, e.g. EXAMPLES_MAIN
ERRORTEXT	An Error Code as defined in the REVERROR.DAT file. e.g. FS100
FSERROR	Null
GETSYSTEMFONTS	Null
SETREADONLY **Parameter** / **Description** param1 — An @fm-delimited list of controls. param2 — A boolean value. When TRUE$ all the controls in p1 are set to ReadOnly. When FALSE$, the ReadOnly is turned off for all the controls in p1.	
SETWINDOWSIZE **Parameter** / **Description** param1 — The Window Name. param2 — An @fm delimited array. <1> X (offset from the left side of the screen) <2> Y (offset from the top of the screen) <3> W (Width of the window) <4> H (Height of the window)	
SYSTEMSIZE	Null
TOKENIZE	
VERIFYPROC	

Returns

Method	Return Value
BORDERWIDTHS	An @fm-delimited array of window borders for the particular style. <1> The height of the horizontal border of a window frame. <2> The height of the vertical border of a window frame. The values returned are in pixels.
ERRORTEXT	The Error description for the corresponding error code in the REVERROR.DAT file.
FSERROR	The FSError and description from the REVERROR.DAT file.
GETSYSTEMFONTS	Returns an @fm-delimited list of fonts used in the current theme. <1> Caption Font <2> Small Caption Font <3> Menu Font <4> Status Font <5> Message Font
SETREADONLY	Null
SETWINDOWSIZE	Null
SYSTEMSIZE	The size of the desktop area, after allowing for the system tray and other toolbars. <1> X (offset from the left side of the screen) <2> Y (offset from the top of the screen) <3> W (Width of the available desktop) <4> H (Height of the available desktop)
TOKENIZE	This method tokenizes a string based upon a set of passed delimiters. • // The string is also checked to see if quotes are balanced.
VERIFYPROC	

Examples

```
* BORDERWIDTHS Example
borderWidths = Rev_Utility("BORDERWIDTHS","EXAMPLES_MAIN")
hBorder = borderWidths<1>
vBorder = borderWidths<2>

*FSERROR Example
Open "JIMMY_TWO_TIMES" To f_jimmy_2x else
    error = Rev_Utility( "FSERROR" )
end
* The error returned if the file does not exist is:
* FS401 - The "JIMMY_TWO_TIMES" table has not been created or attached.

* GETSYSTEMFONTS Example
systemFonts = Rev_Utility("GETSYSTEMFONTS")

* ERRORTEXT Example
Open "JIMMY_TWO_TIMES" To f_johnny else
   errorCode = @file.error<1>
   errorText = Rev_Utility( "ERRORTEXT", errorCode )
end
/* The errorText variable should be
401 - The "%1%" table has not been created or attached.
*/
* SETREADONLY Example
* Set all the controls on a form to Read Only.
Ctrlmap = Get_Property(@window, "CTRLMAP")
x = Rev_Utility( "SETREADONLY", ctrlmap, TRUE$)
```