
Subject: IDL_tools version 2.0

Posted by [rlkling](#) on Fri, 01 May 2009 15:52:18 GMT

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Hello All,

I have upgraded Randall Franks IDL_tools with a couple of new features but I only have it working on windows. I was wondering if someone out there would be willing to get it running on the different unix's? The new capabilities are

`array_any_equal(array1, array2)`

Checks to see if any of the matching elements is the same between the two arrays.

As soon as one is found the function returns a 1, if none is found then a 0 is returned.

The arrays must be the same type and can be any IDL variable including pointers and objects.

`ZipFile:`

`fileArray = zipList(zipFileIn)`

Lists all the files and directories in `zipFileIn`.

`zipExtract, zipFileIn, [fileListArray], path=path`

if `fileListArray` is undefined then extracts all the files in `zipFileIn`.

if `fileListArray` is an array then only the files in the array are extracted.

if `path` is defined then all files are placed in that directory.

Otherwise all files are

copied to the present working directory.

`zipCompress, zipFileOut, fileListArray, compress=compress ,
update=update`

`zipFileOut` is the name of the output zip file

`fileListArray` is the list of files to compress

`compress`, valid values are 1 to 9, is the degree of compression.

Default is 5.

if `update` is set then `zipFileOut` is appended with `fileListArray`

Getting this running on Unix should be as simple as modifying the makefile but I am way too rusty on my UNIX right now...

Please contact me if you are interested.

Ronn Kling

KRS, inc.

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"Calling C from IDL, Using DLM's to extend your IDL code".

SECOND EDITION includes C++ and debugging!

THIRD EDITION includes writing IDL object methods in C and C++!

"Power Graphics with IDL, A Beginner's Guide to Object Graphics"

"IDL primer" A concise introduction to IDL

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