GetFolder

Version 1.00

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Latest version always found at www.bache.com/sgml.html

See section 1.2 for information about "price".

1.1 Introduction

GetFolder is a set of source code files, that enhances the cross-platformness of the FDK. Currently (version 5.5 and previous versions) you can only let the user select a folder on unix platforms.

To select a folder using the FDK (unix only) do:

```
F_ApiChooseFile(&sres, StringT("Choose a directory"), "/tmp", "",
FV_ChooseOpenDir, "");
```

The included source code files allows the user to choose a folder on the Macintosh platform using:

```
sres = J_GetFolder(kDialogNum, StringT("Choose a diretory"));
```

Notice!

The GetFolder source code is MacOS only. Is uses MacOS toolbox routines and cannot be used with any other OS.

Warning!

THE USE OF THE SOURCE CODE FILES IS AT YOUR OWN RISK. THEY HAVE NOT BEEN TESTED THROUGHLY

1.2 "Price"

The material is "Helpware". If you find it useful please donate $5 - $10 to your favorite grassroot organization and send a mail to donations@bache.com. Subject: HelpWare. Contents: amount and organization.

1.3 How to use

To use the source code you must to the following tasks.

Download the file ChooseFolder.sea.hqx. This file contains the files:

- FDK_MacOS_glue.cp
- FSpCompat.h
- FullPath.c
- FullPath.h
- Optimization.h
- OptimizationEnd.h
- SelectMacFolder.cp
- SelectMacFolder.h
- SelectMacFolder.r

Include the files in your project.

Add "extern StringT J_GetFolder(IntT dlogNum, StringT inTitle);" to the file(s), where you want to use the folder-selection routine.

To select a folder add the following code to your source file:

```
StringT theFolder = J_GetFolder(5010, StringT("Locate folder with images"));

if (NULL==theFolder)

F_Printf(NULL, "No folder was selected\n");

else {

F_Printf(NULL, "Selected folder:%s\n", theFolder);

F_Free(theFolder);

}
```

Remember!

Remember to F_Free the result of J_GetFolder if it's not NULL.

J_GetFolder takes 2 arguments:

1. The ID of the dialog resource (see below for more info).
2. The text that should be displayed at the top of the dialog.

1.3.1 Implementation notes

Depending on your use of header files you may have to insert a

```
#define DONT_REDEFINE 1
```

at the very start of some of the files.

Although I have named some of the files ".cp", the code makes very little use of c++ features, and can be easily converted to straight c.

The file "SelectMacFolder.r" defines the dialog resource and it's reference number. This is the number you should pass as the first parameter to J_GetFolder. Currently the number is 5010. If you want to change it, make sure to change both occurrences.

The code for selection of the dialog is heavily influenced by the examples in Inside Macintosh "Files".

The files:"FSpCompat.h", "FullPath.c", "FullPath.h", "Optimization.h" and "Optimi-zationEnd.h" originate from "MoreFiles" version 1.3.6. The complete MoreFiles pack-age can be downloaded from the ToolBox section of "http://devworld.apple.com".

1.4 Version history

1.4.1 Version 1.00

First official release.