Subject: GetUppFromDir - Creates Upp package for given directory
Posted by Sender Ghost on Mon, 18 Jan 2010 23:01:09 GMT

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Some time ago I made U++ package for Boost include files with special command line utility. Here I contribute this utility.

Description:
This program creates simple *.upp file to use with TheIDE (e.g. uppsrc\Core\Core.upp). So, you can use it in batch processing of directories. Important feature is recursive creation of separators if given directory has subdirectories with files. Its an alternative for "TheIDE->Special->Import directory tree sources.." function.

Examples of usage:
Get file extensions in directories:

GetUppFromDir path\to\upp\uppsrc\Core -e -r
Extensions from "path\to\upp\uppsrc\Core" directory:
*.aux *.cpp *.dli *.h *.hpp *.i *.icpp *.t *.tpp *.txt *.upp *.upt Copying ignorelist init

Get file extensions in directory:

GetUppFromDir path\to\upp\uppsrc\CtrlCore -e
Extensions from "path\to\upp\uppsrc\CtrlCore" directory:
*.aux *.cpp *.dli *.h *.i *.icpp *.iml *.t *.upp Copying init

Get Upp package from directory:

GetUppFromDir -r -p "*.h *.c *.cpp" -d "BZ2 compressor/decompressor" -u "Core" -c ""
 -c "MT,Multithreading configuration" path\to\upp\uppsrc\plugin\bz2 -o bz2.upp

The bz2.upp output:

description "BZ2 compressor/decompressor";

uses Core;

file
 bz2.h,
 bz2upp.cpp,
 lib readonly separator,
 lib/blocksort.c,
 lib/bzip2.c,
 lib/bzip2recover.c,
 lib/bzlib.c,
 lib/bzlib.h,
 lib/bzlib_private.h,
 lib/compress.c,

lib/crctable.c,
        lib/decompress.c,
        lib/dlltest.c,
        lib/huffman.c,
        lib/mk251.c,
        lib/randtable.c,
        lib/spewG.c,
        lib/unzcrash.c;

mainconfig
  "" = "",
  "Multithreading configuration" = "MT";

Print help:

GetUppFromDir -h
Creates Upp package for given directory

Syntax:
GetUppFromDir [--help] [--recursive] [--extensions] [--description text] [--use [flags,]rpath]
  [--config "flags,name"] [--pattern text] [--output file] [--version] [Directory]

Options:
-c, --config flags,name Main package configuration(s) with flags and optional name
-d, --description text Description text for package
-e, --extensions Print file extensions for given directory
-h, --help, /?   Print this help
-o, --output file Place the output into file
-p, --pattern text Pattern text to find files (use: *, ?). Default: *
-r, --recursive   Enable recursive processing of subdirectories
-u, --use [flags,]rpath Relative path(s) (and/or optional flags) to directory with package
--version   Print out version information
Directory   Path from where create Upp package

File Attachments
1) GetUppFromDir.7z, downloaded 157 times