
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 156 times

Subject: Re: GetUppFromDir - Creates Upp package for given directory

Posted by [Sender Ghost](#) on Mon, 18 Jan 2010 23:03:21 GMT

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And binary archive for Windows operating system, built from source code above (for some previous version from 2011 year).

File Attachments

1) [GetUppFromDir-win32.7z](#), downloaded 275 times

Subject: Re: GetUppFromDir - Creates Upp package for given directory

Posted by [Sender Ghost](#) on Tue, 19 Jan 2010 17:39:05 GMT

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Archive with source code was updated.

Changelog:

2019.09.09 Adapted for newer pick transfer semantics.

2011.02.12 Added parsing for optional flags to uses of relative path. Fixed parsing of main package configuration(s).

2011.02.10 Added sorting of directories and/or files for package.

2010.06.11 Fixed some define macros to compile with GNU C preprocessor.

2010.03.21 Added [--use rpath] option to specify referenced package from relative directory.

2010.02.02 Some refactoring.

2010.01.21 Added [--version] option to print out version information.

2010.01.19 Added [--output file] option to output stream into specified file.

2010.01.19 First public release.
