

NAME

mkpkg-config – generate a configuration file for pkg-config

SYNOPSIS

mkpkg-config *options*

DESCRIPTION

mkpkg-config creates a **pkg-config** metadata (`.pc`) file based upon command line options. It is useful for inclusion in scripts.

It generates the following variables which may be interpolated into the keywords:

`pkg`

specified by the **--pkg** option.

`prefix`

specified by the **--prefix** option.

`exec_prefix`

specified by the **--exec_prefix** option. It defaults to

`exec_prefix=${prefix}`

If the **--exec_suffix** option is specified instead of **--exec_prefix**, it defaults to

`exec_prefix=${prefix}/${exec_suffix}`

`libdir`

specified by the **--libdir** option. It defaults to

`libdir=${exec_prefix}/lib`

`includedir`

specified by the **--includedir** option. It defaults to

`includedir=${prefix}/include`

or

`includedir=${prefix}/include/${pkg}`

if the **--pkg** option is specified.

The following keywords are also generated:

Name

This is taken from the **--name** option.

Description

This is taken from the **--desc** option.

Version

This is taken from the **--pversion** option.

Requires

This is taken from the **--requires** option.

Conflicts

This is taken from the **--conflicts** option.

Libs

This is generated from the `libdir` variable and the **--libs** option. If `libdir` is not *empty*, `-L${libdir}` is prepended to *Libs*. If **--libs** is not specified, `-l${pkg}` is added (if **--pkg** is specified).

Cflags

This is taken from the **--cflags** options. If **--pkg** is specified, `-I${includedir}/${pkg}` is prepended.

OPTIONS

General Options

- `--output`
Where the configuration file is to be written. It defaults to the standard output stream.
- `--version`
Print the version of **mkpkg-config** and exit.
- `--help`
Print a short help message and exit.
- `--usage`
Print an extended usage message and exit.

Variables

These are described in detail in Description.

- `--prefix`
This parameter is required.
- `--exec_prefix`
- `--libdir`
- `--includedir`
- `--pkg`
- `--name`
This parameter is required.
- `--desc`
This parameter is required.
- `--pversion`
This parameter is required.
- `--requires`
- `--conflicts`
- `--libs`
- `--cflags`

Modifiers

- `--rpath`
This boolean indicates that `-R${libdir}` should be added to the *Libs* section.

VERSION

This documents version 1.5.2 of **make-world**.

COPYRIGHT AND LICENSE

This software is copyrighted (2006) by the Smithsonian Astrophysical Observatory and is released under the GNU General Public License. You may find a copy at

<http://www.fsf.org/copyleft/gpl.html>

AUTHOR

Diab Jerius <djerius@cfa.harvard.edu>