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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'pkgconf-personality.5'***

***\$ man pkgconf-personality.5***

PKGCONF-PERSONALITY(5) BSD File Formats Manual PKGCONF-PERSONALITY(5)

#### NAME

file.personality ? pkgconf cross-compile personality file format

#### DESCRIPTION

pkgconf cross-compile personality files provide a useful mechanism for storing various information about system toolchains. Information stored by .personality files include information about paths used by a cross-compile toolchain, such as the sysroot directory and default include and library paths. pkgconf uses this information to determine what information is necessary to use libraries.

#### FILE SYNTAX

The .personality file follows a format inspired by RFC822. Comments are prefixed by a pound sign, hash sign or octothorpe (#), and variable assignment is similar to POSIX shell. Properties are defined using RFC822-style stanzas.

#### PROPERTIES

Properties are set using RFC822-style stanzas which consist of a keyword, followed by a colon (:), and then the value the property should be set to.

Variable substitution is always performed regardless of property type.

There are two types of property:

#### Literal

The property will be set to the text of the value.

#### Fragment List

The property will be set to a list of fragments parsed from the text. The input text must be in a format that is suitable for passing to a POSIX shell without any shell expansions after variable substitution has been done. Elements are delimited with a colon.

#### Boolean

The property will be set to true if the value is one of: true, yes or 1. Otherwise it will be set to false.

### PROPERTY KEYWORDS

#### Triplet

The triplet used by the cross-compile toolchain. (mandatory; literal)

#### SysrootDir

The directory used by the system root of the cross-compile toolchain. (mandatory; literal)

#### DefaultSearchPaths

A list of directories to look for pc(5) files in. (mandatory; fragment list)

#### SystemIncludePaths

A list of directories that are included by default in the search path for include files. (mandatory; fragment list)

#### SystemLibraryPaths

A list of directories that are included by default in the search path for libraries. (mandatory; fragment list)

#### WantDefaultStatic

If true, pkgconf will default to operating in static linking mode. (optional; boolean; default is false)

An example .personality file:

```
# This is a comment
```

```
Triplet: x86_64-pc-linux-gnu
```

```
SysrootDir: /home/kaniini/sysroot/x86_64-pc-linux-gnu
```

DefaultSearchPaths:

```
/home/kaniini/sysroot/x86_64-pc-linux-gnu/lib/pkgconfig:/home/kaniini/sysroot/x86_64-pc-linux-gnu/share/pkgconfig
```

```
SystemIncludePaths: /home/kaniini/sysroot/x86_64-pc-linux-gnu/include
```

```
SystemLibraryPaths: /home/kaniini/sysroot/x86_64-pc-linux-gnu/lib
```

SEE ALSO

pkgconf(1), pkg.m4(7), pc(5)

BSD

July 19, 2018

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