

**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 three 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)

**WantDefaultPure**

If true, pkgconf will default to preferring a pure dependency graph. (optional; boolean; default is false)

**WantDefaultStatic**

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

**EXAMPLES**

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-g
```

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

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

**SEE ALSO**

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