Removals/Bans

**package_provided** Deprecated since a long time and finally dropped. See **PACKAGE-PROVIDED** on page 25.

**PORTDIR** and **ECLASSDIR** no longer defined, because ebuilds should not directly access files in the repository. See **PORTDIR** on page 53 and **ECLASSDIR** on page 53.

**DESTTREE** and **INSDESTTREE** Not defined any more. Use the into and insinto commands instead. See **DESTTREE** on page 54 and **INSDESTTREE** on page 54.

**dohtml** No longer allowed. doins -r can be used as a replacement. See **BANNED-COMMANDS** on page 61.

**dolib** and **libopts** No longer allowed. The specific dolib.a or dolib.so commands should be used as replacement. See **BANNED-COMMANDS** on page 61.

**EAPI 8 (2021-06-13)**

**Additions/Changes**

**profiles(updates)/directory** Arbitrary filenames are now allowed, instead of strict naming by quarters (like 2Q-2021). See **UPDATES/FILENAMES** on page 21.

**Bash version** Ebuilds can use features of Bash version 5.0 (was 4.2 before). See **BASH-VERSION** on page 29.

**Selective fetch/mirror restriction** In **SRC_URI**, adding a fetch+ or mirror+ prefix to an individual URI means that the file may be fetched or mirrored. This overrules the corresponding global settings in the **RESTRCT** variable. See **URI-RESTRCT** on page 32.

**IDEPEND** This variable specifies install-time dependencies on packages used in (e.g.) **pkg_postinst**. In a cross-compilation environment, these are dependencies for native tools (**CBUILD**). See **IDEPEND** on page 35.

**pkg_** *phases** The initial working directory is guaranteed to be empty. See **PHASE-FUNCTION-DIR** on page 41.

**src_preapre** Items in the **PATCHES** variable are interpreted as files, even if their name begins with a hyphen. See **SRC-PREAPRE** on page 43.

**PROPERTIES** and **RESTRICT** These variables are accumulated across the ebuild and inherited ecards, like **IUSE**, **REQUIRED_USE**, and **DEPEND** were before. See **ACCUMULATE-VARS** on page 49.

**econf** If supported, options **--disable-static** and **--datarootdir=${EPREFIX}/usr/share** are passed to configure, respectively. See **ECONF-OPTIONS** on page 65.

**dosym** With the new option **-r**, an absolute path specified for the link target will be converted to a path relative to the link location. See **DOSYM-RELATIVE** on page 69.

**insopts** Commands **doconfd**, **doenvd**, **doheader** install files with fixed mode 0644, i.e. they are no longer affected by **insopts**. See **INSOPTS** on page 72.

**exeopts** Command **doinitd** installs files with fixed mode 0755, i.e. it is no longer affected by **exeopts**. See **EXEOPTS** on page 72.

**usev** This helper has an optional second argument now:

```
usev <flag> [true]
```

If the flag is set, outputs **true**, or the flag's name if called with only one argument. Otherwise outputs nothing. See **USEV** on page 73.

**Removals/Bans**

**useq** No longer allowed. Use regular use as a drop-in replacement. See **BANNED-COMMANDS** on page 61.

**hasv** and **hasq** No longer allowed. Regular has should be used instead. See **BANNED-COMMANDS** on page 61.

**unpack** No longer supports unpacking of 7-Zip, RAR, and LHA archives. See **UNPACK-EXTENSIONS** on page 76.

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The initial working directory is guaranteed to be empty. See **PHASE-FUNCTION-DIR** on page 41.

**src_prepare** Items in the **PATCHES** variable are interpreted as files, even if their name begins with a hyphen. See **SRC-PREAPRE** on page 43.

**PROPERTIES** and **RESTRICT** These variables are accumulated across the ebuild and inherited ecards, like **IUSE**, **REQUIRED_USE**, and **DEPEND** were before. See **ACCUMULATE-VARS** on page 49.

**econf** If supported, options **--disable-static** and **--datarootdir=${EPREFIX}/usr/share** are passed to configure, respectively. See **ECONF-OPTIONS** on page 65.

**dosym** With the new option **-r**, an absolute path specified for the link target will be converted to a path relative to the link location. See **DOSYM-RELATIVE** on page 69.

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**Removals/Bans**

**useq** No longer allowed. Use regular use as a drop-in replacement. See **BANNED-COMMANDS** on page 61.

**hasv** and **hasq** No longer allowed. Regular has should be used instead. See **BANNED-COMMANDS** on page 61.

**unpack** No longer supports unpacking of 7-Zip, RAR, and LHA archives. See **UNPACK-EXTENSIONS** on page 76.
The getlibdir function for installing documentation.

EAPI 7 (2018-04-30)

Additions/Changes

Unpacking/Compression: The tarball is compressed now with xz, and no trailing slash is allowed. Use make install.

Nonfatal die

The getlibdir function is no longer allowed. Use make install.

Einstalldocs function for installing documentation.

Environment variables

See UNPACK-EXTENSION on page 64.

Options

Emake install.

ECOPY

Options

Emake install.

Directory changes

See CONF-RUNTIME on page 85.

EAPPLY

Options

Emake install.

Directory changes

See CONF-RUNTIME on page 85.

EInstalldocs function for installing documentation.

Environment variables

See UNPACK-EXTENSION on page 64.

Options

Emake install.

Directory changes

See CONF-RUNTIME on page 85.

EInstalldocs function for installing documentation.

Environment variables

See UNPACK-EXTENSION on page 64.

Options

Emake install.

Directory changes

See CONF-RUNTIME on page 85.