**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+mirror+prefix` to an individual URI means that the file may be fetched or mirrored. This overrides the corresponding global settings in the `RESTRICT` variable. See [URI-RESTRICT 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_prepare` Items in the `PATCHES` variable are interpreted as files, even if their name begins with a hyphen. See [SRC-PREPARE on page 43](#).

**PROPERTIES and RESTRICT** These variables are accumulated across the ebuild and inherited eclasses, 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 71](#).

`exeopts` Command `doinitd` installs files with fixed mode 0755, i.e. it is no longer affected by `exeopts`. See [EXEOPTS on page 71](#).

`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 75](#).

**EAPIs 0, 1, 2, 3, 4, and 5**

Omitted for lack of space. See version 5.0 of this document for differences between these previous EAPIs.

**EAPI 6 (2015-11-13)**

**Additions/changes**

**Bash version** Ebuilds can use features of Bash version 4.2 (was 3.2 before). See [BASH-VERSION on page 29](#).

`failglob` The `failglob` option of Bash is set in global scope, so that unintentional pattern expansion will be caught as an error. See [FAILGLOB on page 29](#).

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