

AptPkg::Version(3pm)

AptPkg::Version(3pm) User Contributed Perl Documentation AptPkg::Version(3pm)

NAME

AptPkg::Version - APT package versioning class

SYNOPSIS

```
use AptPkg::Version;
```

DESCRIPTION

The AptPkg::Version module provides an interface to **APT**'s package version handling.

AptPkg::Version

The AptPkg::Version package implements the **APT** pkgVersioningSystem class.

An instance of the AptPkg::Version class may be fetched using the “versioning” method from an AptPkg::System object.

The following methods are implemented:

label Return the description of the versioning system, for example:

```
Standard .deb
```

for Debian systems.

compare(A, B) Compare package version A with B, returning a negative value if A is an earlier version than B, zero if the same or a positive value if A is later.

rel_compare(A, B) Compare distribution release numbers.

check_dep(PKG, OP, DEP) Check that the package version PKG satisfies the relation OP to the dependency version DEP.

The relation OP is specified in the Debian syntax regardless of the versioning system:

```
<<  strictly earlier
<=  earlier or equal
=    exactly equal
>=  later or equal
>>  strictly later
```

upstream(VER) Return the upstream component of the given version string.

SEE ALSO

AptPkg::Config(3pm), AptPkg::System(3pm), AptPkg(3pm).

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