

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).

AUTHOR

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