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***Rocky Enterprise Linux 9.2 Manual Pages on command 'AptPkg::Version.3pm'***

***\$ man 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:

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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