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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