

NAME

Dpkg::Substvars - handle variable substitution in strings

DESCRIPTION

It provides some an object which is able to substitute variables in strings.

METHODS

```
my $s = Dpkg::Substvars->new($file)
```

Create a new object that can do substitutions. By default it contains generic substitutions like `{Newline}`, `{Space}`, `{Tab}`, `{dpkg:Version}` and `{dpkg:Upstream-Version}`.

Additional substitutions will be read from the `$file` passed as parameter.

It keeps track of which substitutions were actually used (only counting `substvars()`, not `get()`), and warns about unused substvars when asked to. The substitutions that are always present are not included in these warnings.

```
$s->set($key, $value)
```

Add/replace a substitution.

```
$s->set_as_used($key, $value)
```

Add/replace a substitution and mark it as used (no warnings will be produced even if unused).

```
$s->set_as_auto($key, $value)
```

Add/replace a substitution and mark it as used and automatic (no warnings will be produced even if unused).

```
$s->get($key)
```

Get the value of a given substitution.

```
$s->delete($key)
```

Remove a given substitution.

```
$s->mark_as_used($key)
```

Prevents warnings about a unused substitution, for example if it is provided by default.

```
$s->no_warn($key)
```

Obsolete function, use `mark_as_used()` instead.

```
$s->load($file)
```

Add new substitutions read from `$file`.

```
$s->parse($fh, $desc)
```

Add new substitutions read from the filehandle. `$desc` is used to identify the filehandle in error messages.

```
$s->set_version_substvars($sourceversion, $binaryversion)
```

Defines `{binary:Version}`, `{source:Version}` and `{source:Upstream-Version}` based on the given version strings.

These will never be warned about when unused.

```
$s->set_arch_substvars()
```

Defines architecture variables: `{Arch}`.

This will never be warned about when unused.

```
$newstring = $s->substvars($string)
```

Substitutes variables in `$string` and return the result in `$newstring`.

```
$s->warn_about_unused()
```

Issues warning about any variables that were set, but not used.

`$s->set_msg_prefix($prefix)`
Define a prefix displayed before all warnings/error messages output by the module.

`$s->save($file)`
Store all substitutions variables except the automatic ones in the indicated file.

“`$s`”
Return a string representation of all substitutions variables except the automatic ones.

`$str = $s->output($fh)`
Print all substitutions variables except the automatic ones in the filehandle and return the content written.

CHANGES

Version 1.03

New method: `$s->set_as_auto()`.

Version 1.02

New argument: Accept a `$binaryversion` in `$s->set_version_substvars()`, passing a single argument is still supported.

New method: `$s->mark_as_used()`.

Deprecated method: `$s->no_warn()`, use `$s->mark_as_used()` instead.

Version 1.01

New method: `$s->set_as_used()`.

Version 1.00

Mark the module as public.

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