

**NAME**

Lintian::Processable -- An (abstract) object that Lintian can process

**SYNOPSIS**

```
use Lintian::Processable;

# Instantiate via Lintian::Processable
my $proc = Lintian::Processable->new;
$proc->init_from_file('lintian_2.5.0_all.deb');
my $package = $proc->pkg_name;
my $version = $proc->pkg_version;
# etc.
```

**DESCRIPTION**

Instances of this perl class are objects that Lintian can process (e.g. deb files). Multiple objects can then be combined into groups, which Lintian will process together.

**INSTANCE METHODS**

```
name =item $proc->pkg_name
    Returns the name of the package.

type =item $proc->pkg_type
    Returns the type of package (e.g. binary, source, udeb ...)
```

verbatim =item extra\_fields  
Returns a hash to the raw, unedited and verbatim field values.

unfolded  
Returns a hash to unfolded field values. Continuations lines have been connected.

shared\_storage  
Returns shared\_storage.

```
$proc->version =item $proc->pkg_version
    Returns the version of the package.

$proc->path =item $proc->pkg_path
    Returns the path to the packaged version of actual package. This path is used in case the data needs to
    be extracted from the package.

    Note: This may return the path to a symlink to the package.

$proc->architecture =item $proc->pkg_arch
    Returns the architecture(s) of the package. May return multiple values from changes processables. For
    source processables it is "source".

$proc->source =item $proc->pkg_src
    Returns the name of the source package.

$proc->source_version =item $proc->pkg_src_version
    Returns the version of the source package.

$proc->tainted
    Returns a truth value if one or more fields in this Processable is tainted. On a best effort basis tainted
    fields will be sanitized to less dangerous (but possibly invalid) values.

$proc->pooldir
    Returns a reference to lab this Processable is in.

$proc->groupdir
    Returns the base directory of this package inside the lab.

link_label
    Returns a reference to the extra fields related to this entry.
```

**saved\_link**

Returns a reference to the extra fields related to this entry.

**identifier**

Produces an identifier for this processable. The identifier is based on the type, name, version and architecture of the package.

**info****clear\_cache**

Overrides clear\_cache from Lintian::Processable.

**remove**

Removes all unpacked parts of the package in the lab. Returns a truth value if successful.

**get\_group\_id**

Calculates an appropriate group id for the package. It is based on the name and the version of the src-pkg.

**clean\_field**

Cleans a field of evil characters to prevent traversal or worse.

**link**

Returns the link in the work area to the input data.

**create**

Creates a link to the input file near where all files in that group will be unpacked and analyzed.

**guess\_name**

Creates a link to the input file near where all files in that group will be unpacked and analyzed.

**unfolded\_field (FIELD)**

This method returns the unfolded value of the control field FIELD in the control file for the package. For a source package, this is the \*.dsc file; for a binary package, this is the control file in the control section of the package.

If FIELD is passed but not present, then this method returns undef.

Needs-Info requirements for using *unfolded\_field*: none

**field ([FIELD[, DEFAULT]])**

If FIELD is given, this method returns the value of the control field FIELD in the control file for the package. For a source package, this is the \*.dsc file; for a binary package, this is the control file in the control section of the package.

If FIELD is passed but not present, then this method will return DEFAULT (if given) or undef.

Otherwise this will return a hash of fields, where the key is the field name (in all lowercase).

Needs-Info requirements for using *field*: none

**AUTHOR**

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**SEE ALSO****lintian (1)**

Lintian::Processable::Binary

Lintian::Processable::Buildinfo

Lintian::Processable::Changes,

Lintian::Processable::Source

Lintian::Processable::Udeb

Lintian::Group