

**NAME**

Lintian::CheckScript – Check script meta data

**SYNOPSIS**

```
use Lintian::CheckScript;

my $cs = Lintian::CheckScript->new ("${ENV{'LINTIAN_ROOT'}}/checks/",
                                   'files');

my $name = $cs->name;
foreach my $tag ($cs->tags) {
    # $ti is an instance of Lintian::Tag::Info
    my $ti = $cs->get_tag ($tag);
    print "$tag is a part of the check $name\n";
    # Do something with $ti / $tag
}
foreach my $needs ($cs->needs_info) {
    print "$name needs $needs\n";
}
if ($cs->is_check_type ('binary') && $cs->is_check_type ('source')) {
    # Check applies to binary pkgs AND source pkgs
}
```

**DESCRIPTION**

Instances of this class represents the data in the check “`.desc`” files. It allows access to the tags (as `Lintian::Tag::Info`) and the common meta data of the check (such as `Needs-Info`).

**CLASS METHODS**

`Lintian::CheckScript->new($basedir, $checkname)`

Parses the `$file` as a check desc file.

`$cs->name`

Returns the “name” of the check script. This is the value in the Check-Script field in the file.

`$cs->type`

Returns the value stored in the “Type” field of the file. For the purpose of testing if the check applies to a given package type, the “`is_check_type`” method can be used instead.

Note in rare cases this may return `undef`. This is the case for the `lintian.desc`, where this field is simply not present.

`$cs->abbrev`

Returns the value of the Abbrev field from the desc file.

`$cs->script_path`

Returns the (expected) path to the script implementing this check.

`needs_info`

Returns a list of all items listed in the Needs-Info field. Neither the list nor its contents should be modified.

`$cs->is_check_type ($type)`

Returns a truth value if this check can be applied to a `$type` package.

Note if `$cs->type` return `undef`, this will return a truth value for all inputs.

`$cs->add_taginfo ($taginfo)`

Associates a tag as issued by this check.

`$cs->get_tag ($tagname)`

Return the tag or `undef` (if the tag is not in this check).

`$cs->tags`

Returns the list of tag names in the check. The list nor its contents should be modified.

`$cs->run_check ($proc, $group)`

Run the check on `$proc`, which is in the group `$group`. `$proc` should be a lab entry and must have the proper collections run on it prior to calling this method (See `Lintian::Unpacker`).

The method may error out if loading the check failed or if the check itself calls `die/croak/fail/etc`.

Returns normally on success; the return value has no semantic meaning and is currently `undef`.

NB: `load_check` can be used to determine if the check itself is loadable.

## AUTHOR

Originally written by Niels Thykier <niels@thykier.net> for Lintian.

## SEE ALSO

**lintian** (1), **Lintian::Profile** (3), **Lintian::Tag::Info** (3)