NAME

CPANPLUS::Selfupdate

SYNOPSIS

```
$su     = $cb->selfupdate_object;


@feats  = $su->list_features;
@feats  = $su->list_enabled_features;


@mods   = map { $su->modules_for_feature( $_ ) } @feats;
@mods   = $su->list_core_dependencies;
@mods   = $su->list_core_modules;


for ( @mods ) {
    print $_->name " should be version " . $_->version_required;
    print "Installed version is not uptodate!"
        unless $_->is_installed_version_sufficient;
}


$ok     = $su->selfupdate( update => 'all', latest => 0 );
```

METHODS

$self = CPANPLUS::Selfupdate->new($backend_object);

Sets up a new selfupdate object. Called automatically when a new backend object is created.

@cat = $self->list_categories

Returns a list of categories that the selfupdate method accepts.

See selfupdate for details.

%list = $self->list_modules_to_update(update => "core|dependencies|enabled_features|features|all", [latest => BOOL])

List which modules selfupdate would upgrade. You can update either the core (CPANPLUS itself), the core dependencies, all features you have currently turned on, or all features available, or everything.

The latest option determines whether it should update to the latest version on CPAN, or if the minimal required version for CPANPLUS is good enough.

Returns a hash of feature names and lists of module objects to be upgraded based on the category you provided. For example:

```
%list = $self->list_modules_to_update( update => 'core' );
```

Would return:

```
( core => [ $module_object_for_cpanplus ] );
```

$bool = $self->selfupdate(update => "core|dependencies|enabled_features|features|all", [latest => BOOL, force => BOOL])

Selfupdate CPANPLUS. You can update either the core (CPANPLUS itself), the core dependencies, all features you have currently turned on, or all features available, or everything.

The latest option determines whether it should update to the latest version on CPAN, or if the

minimal required version for CPANPLUS is good enough.

Returns true on success, false on error.

@features = $self->list_features

Returns a list of features that are supported by CPANPLUS.

@features = $self->list_enabled_features

Returns a list of features that are enabled in your current CPANPLUS installation.

@mods = $self->modules_for_feature(FEATURE [,AS_HASH])

Returns a list of `CPANPLUS::Selfupdate::Module` objects which represent the modules required to support this feature.

For a list of features, call the `list_features` method.

If the `AS_HASH` argument is provided, no module objects are returned, but a hashref where the keys are names of the modules, and values are their minimum versions.

@mods = $self->list_core_dependencies([AS_HASH])

Returns a list of `CPANPLUS::Selfupdate::Module` objects which represent the modules that comprise the core dependencies of CPANPLUS.

If the `AS_HASH` argument is provided, no module objects are returned, but a hashref where the keys are names of the modules, and values are their minimum versions.

@mods = $self->list_core_modules([AS_HASH])

Returns a list of `CPANPLUS::Selfupdate::Module` objects which represent the modules that comprise the core of CPANPLUS.

If the `AS_HASH` argument is provided, no module objects are returned, but a hashref where the keys are names of the modules, and values are their minimum versions.

CPANPLUS::Selfupdate::Module

`CPANPLUS::Selfupdate::Module` extends `CPANPLUS::Module` objects by providing accessors to aid in selfupdating CPANPLUS.

These objects are returned by all methods of `CPANPLUS::Selfupdate` that return module objects.

$version = $mod->version_required

Returns the version of this module required for CPANPLUS.

$bool = $mod->is_installed_version_sufficient

Returns true if the installed version of this module is sufficient for CPANPLUS, or false if it is not.

BUG REPORTS

Please report bugs or other issues to <bug-cpanplus@rt.cpan.org<gt>.

AUTHOR

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