NAME

CPANPLUS::Internals

SYNOPSIS

```
my $internals    = CPANPLUS::Internals->_init( _conf => $conf );
my $backend      = CPANPLUS::Internals->_retrieve_id( $ID );
```

DESCRIPTION

This module is the guts of CPANPLUS -- it inherits from all other modules in the CPANPLUS::Internals::* namespace, thus defying normal rules of OO programming -- but if you're reading this, you already know what's going on ;)

Please read the CPANPLUS::Backend documentation for the normal API.

ACCESSORS

_conf

Get/set the configure object

_id

Get/set the id

METHODS

$internals = CPANPLUS::Internals->_init(_conf => CONFIG_OBJ)

_init creates a new CPANPLUS::Internals object.

You have to pass it a valid CPANPLUS::Configure object.

Returns the object on success, or dies on failure.

$bool = $internals->_flush(list => \@caches)

Flushes the designated caches from the CPANPLUS object.

Returns true on success, false if one or more caches could not be be flushed.

$bool = $internals->_register_callback(name => CALLBACK_NAME, code => CODEREF);

Registers a callback for later use by the internal libraries.

Here is a list of the currently used callbacks:

install_prerequisite

Is called when the user wants to be asked about what to do with prerequisites. Should return a boolean indicating true to install the prerequisite and false to skip it.

send_test_report

Is called when the user should be prompted if he wishes to send the test report. Should return a boolean indicating true to send the test report and false to skip it.

munge_test_report

Is called when the test report message has been composed, giving the user a chance to programatically alter it. Should return the (munged) message to be sent.

edit_test_report

Is called when the user should be prompted to edit test reports about to be sent out by Test::Reporter. Should return a boolean indicating true to edit the test report in an editor and false to skip it.

proceed_on_test_failure

> Is called when 'make test' or 'Build test' fails. Should return a boolean indicating whether the install should continue even if the test failed.

munge_dist_metafile

> Is called when the CPANPLUS::Dist::* metafile is created, like control for CPANPLUS::Dist::Deb, giving the user a chance to programatically alter it. Should return the (munged) text to be written to the metafile.

$bool = $internals->_add_to_includepath(directories => \@dirs)

Adds a list of directories to the include path. This means they get added to @INC as well as $ENV{PERL5LIB}.

Returns true on success, false on failure.

$id = CPANPLUS::Internals->_last_id

Return the id of the last object stored.

$id = CPANPLUS::Internals->_store_id($internals)

Store this object; return its id.

$obj = CPANPLUS::Internals->_retrieve_id($ID)

Retrieve an object based on its ID -- return false on error.

CPANPLUS::Internals->_remove_id($ID)

Remove the object marked by $ID from storage.

@objs = CPANPLUS::Internals->_return_all_objects

Return all stored objects.