

## NAME

CPANPLUS::Backend::RV - return value objects

## SYNOPSIS

```
### create a CPANPLUS::Backend::RV object
$backend_rv      = CPANPLUS::Backend::RV->new(
                                ok          => $boolean,
                                args        => $args,
                                rv          => $return_value
                                function     => $calling_function );

### if you have a CPANPLUS::Backend::RV object
$passed_args     = $backend_rv->args;      # args passed to function
$ok              = $backend_rv->ok;        # boolean indication overall
# result of the call
$function        = $backend_rv->function  # name of the calling
# function
$rv              = $backend_rv->rv        # the actual return value
# of the calling function
```

## DESCRIPTION

This module provides return value objects for multi-module calls to CPANPLUS::Backend. In boolean context, it returns the status of the overall result (ie, the same as the `ok` method would).

## METHODS

**new( ok => BOOL, args => DATA, rv => DATA, [function => \$method\_name] )**

Creates a new CPANPLUS::Backend::RV object from the data provided. This method should only be called by CPANPLUS::Backend functions. The accessors may be used by users inspecting an RV object.

All the argument names can be used as accessors later to retrieve the data.

Arguments:

`ok`

Boolean indicating overall success

`args`

The arguments provided to the function that returned this rv object. Useful to inspect later to see what was actually passed to the function in case of an error.

`rv`

An arbitrary data structure that has the detailed return values of each of your multi-module calls.

`function`

The name of the function that created this rv object. Can be explicitly passed. If not, `new()` will try to deduce the name from `caller()` information.

## BUG REPORTS

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

## AUTHOR

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