

## NAME

CPANPLUS::Error

## SYNOPSIS

```
use CPANPLUS::Error qw[cp_msg cp_error];
```

## DESCRIPTION

This module provides the error handling code for the CPANPLUS libraries, and is mainly intended for internal use.

## FUNCTIONS

### **cp\_msg("message string" [,VERBOSE])**

Records a message on the stack, and prints it to `STDOUT` (or actually `$MSG_FH`, see the `GLOBAL VARIABLES` section below), if the `VERBOSE` option is true. The `VERBOSE` option defaults to false.

### **msg()**

An alias for `cp_msg`.

### **cp\_error("error string" [,VERBOSE])**

Records an error on the stack, and prints it to `STDERR` (or actually `$ERROR_FH`, see the `GLOBAL VARIABLES` sections below), if the `VERBOSE` option is true. The `VERBOSE` options defaults to true.

### **error()**

An alias for `cp_error`.

## CLASS METHODS

### **CPANPLUS::Error->stack()**

Retrieves all the items on the stack. Since `CPANPLUS::Error` is implemented using `Log::Message`, consult its manpage for the function `retrieve` to see what is returned and how to use the items.

### **CPANPLUS::Error->stack\_as\_string([TRACE])**

Returns the whole stack as a printable string. If the `TRACE` option is true all items are returned with `Carp::longmess` output, rather than just the message. `TRACE` defaults to false.

### **CPANPLUS::Error->flush()**

Removes all the items from the stack and returns them. Since `CPANPLUS::Error` is implemented using `Log::Message`, consult its manpage for the function `retrieve` to see what is returned and how to use the items.

## GLOBAL VARIABLES

### **\$ERROR\_FH**

This is the filehandle all the messages sent to `error()` are being printed. This defaults to `*STDERR`.

### **\$MSG\_FH**

This is the filehandle all the messages sent to `msg()` are being printed. This default to `*STDOUT`.