

NAME

B::Hooks::OP::Check – Wrap OP check callbacks

VERSION

version 0.22

SYNOPSIS

```
# include "hook_op_check.h"

STATIC OP *my_const_check_op (pTHX_ OP *op, void *user_data) {
    /* ... */
    return op;
}

STATIC hook_op_check_id my_hook_id = 0;

void
setup ()
CODE:
    my_hook_id = hook_op_check (OP_CONST, my_const_check_op, NULL);

void
teardown ()
CODE:
    hook_op_check_remove (OP_CONST, my_hook_id);
```

DESCRIPTION

This module provides a C API for XS modules to hook into the callbacks of `PL_check`.

`ExtUtils::Depends` is used to export all functions for other XS modules to use. Include the following in your `Makefile.PL`:

```
my $pkg = ExtUtils::Depends->new('Your::XSModule', 'B::Hooks::OP::Check');
WriteMakefile(
    ... # your normal makefile flags
    $pkg->get_makefile_vars,
);
```

Your XS module can now include `hook_op_check.h`.

TYPES

typedef OP *(*hook_op_check_cb) (pTHX_ OP *, void *);

Type that callbacks need to implement.

typedef UV hook_op_check_id

Type to identify a callback.

FUNCTIONS

hook_op_check_id hook_op_check (opcode type, hook_op_check_cb cb, void *user_data)

Register the callback `cb` to be called after the `PL_check` function for opcodes of the given type. `user_data` will be passed to the callback as the last argument. Returns an id that can be used to remove the callback later on.

void *hook_op_check_remove (opcode type, hook_op_check_id id)

Remove the callback identified by `id`. Returns the `user_data` that the callback had.

SUPPORT

Bugs may be submitted through the RT bug tracker <<https://rt.cpan.org/Public/Dist/Display.html?Name=B-Hooks-OP-Check>> (or bug-B-Hooks-OP-Check@rt.cpan.org <<mailto:bug-B-Hooks-OP-Check@rt.cpan.org>>).

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