

**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) <<mailto:bug-B-Hooks-OP-Check@rt.cpan.org>>).

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