



## ***Rocky Enterprise Linux 9.2 Manual Pages on command 'B::Hooks::OP::Check.3pm'***

**C:\>man B::Hooks::OP::Check.3pm**

B::Hooks::OP::Check(3pm) User Contributed Perl Documentation B::Hooks::OP::Check(3pm)

### 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>>).

## AUTHOR

Florian Ragwitz <[rafl@debian.org](mailto:rafl@debian.org)>

## CONTRIBUTORS

? Karen Etheridge <[ether@cpan.org](mailto:ether@cpan.org)>

? Zefram <[zefram@fysh.org](mailto:zefram@fysh.org)>

? Alexandr Ciornii <[alexchorny@gmail.com](mailto:alexchorny@gmail.com)>

## COPYRIGHT AND LICENCE

This software is copyright (c) 2008 by Florian Ragwitz.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

perl v5.30.0

2019-10-18

B::Hooks::OP::Check(3pm)