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Rocky Enterprise Linux 9.2 Manual Pages on command 'Apache2::Build.3pm'

\$ man Apache2::Build.3pm

Apache2::Build(3pm) User Contributed Perl Documentation Apache2::Build(3pm)

NAME

Apache2::Build - Methods for locating and parsing bits of Apache source code

SYNOPSIS

```
use Apache2::Build ();

my $build = Apache2::Build->new;

# rebuild mod_perl with build opts from the previous build

% cd modperl-2.0

% perl -MApache2::Build -e rebuild
```

DESCRIPTION

This module provides methods for locating and parsing bits of Apache source code.

Since mod_perl remembers what build options were used to build it, you can use this knowledge to rebuild it using the same options. Simply chdir to the mod_perl source directory and run:

```
% cd modperl-2.0

% perl -MApache2::Build -e rebuild
```

If you want to rebuild not yet installed, but already built mod_perl, run from its root directory:

```
% perl -Ilib -MApache2::Build -e rebuild
```

METHODS

new Create an object blessed into the Apache2::Build class.

```
my $build = Apache2::Build->new;
```

dir Top level directory where source files are located.

```
my $dir = $build->dir;  
-d $dir or die "can't stat $dir $!\n";
```

find

Searches for apache source directories, return a list of those found.

Example:

```
for my $dir ($build->find) {  
    my $yn = prompt "Configure with $dir ?", "y";  
    ...  
}
```

inc Print include paths for MakeMaker's INC argument to "WriteMakefile".

Example:

```
use ExtUtils::MakeMaker;  
  
use Apache2::Build ();
```

```
WriteMakefile(  
  'NAME'  => 'Apache2::Module',  
  'VERSION' => '0.01',  
  'INC'   => Apache2::Build->new->inc,  
);
```

module_magic_number

Return the MODULE_MAGIC_NUMBER defined in the apache source.

Example:

```
my $mmn = $build->module_magic_number;
```

httpd_version

Return the server version.

Example:

```
my $v = $build->httpd_version;
```

otherldflags

Return other ld flags for MakeMaker's dynamic_lib argument to "WriteMakefile". This might be needed on systems like AIX that need special flags to the linker to be able to reference mod_perl or httpd symbols.

Example:

```
use ExtUtils::MakeMaker;
```

```
use Apache2::Build ();
```

```
WriteMakefile(  
  'NAME'  => 'Apache2::Module',
```

```
'VERSION' => '0.01',  
'INC'      => Apache2::Build->new->inc,  
'dynamic_lib' => {  
    'OTHERLDFLAGS' => Apache2::Build->new->otherldflags,  
},  
);
```

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Apache2::Build(3pm)