1  Apache::src - Methods for locating and parsing bits of Apache source code
1.1 Synopsis

use Apache::src ();
my $src = Apache::src->new;

1.2 Description

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

1.3 Methods

- new

Create an object blessed into the Apache::src class.

my $src = Apache::src->new;

- dir

Top level directory where source files are located.

my $dir = $src->dir;
-d $dir or die "can't stat $dir $!

- main

Apache's source tree was reorganized during development of version 1.3. So, common header files such as httpd.h are in different directories between versions less than 1.3 and those equal to or greater. This method will return the right directory.

Example:

-e join "/", $src->main, "httpd.h" or die "can't stat httpd.h\n";

- find

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

Example:

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

- inc

Print include paths for MakeMaker’s INC argument to WriteMakefile.
Example:

```perl
use ExtUtils::MakeMaker;

use Apache::src ();

WriteMakefile(
    'NAME' => 'Apache::Module',
    'VERSION' => '0.01',
    'INC' => Apache::src->new->inc,
);

module_magic_number

Return the MODULE_MAGIC_NUMBER defined in the apache source.

Example:

```perl
my $mmn = $src->module_magic_number;
```

httpd_version

Return the server version.

Example:

```perl
my $v = $src->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:

```perl
use ExtUtils::MakeMaker;

use Apache::src ();

WriteMakefile(
    'NAME' => 'Apache::Module',
    'VERSION' => '0.01',
    'INC' => Apache::src->new->inc,
    'dynamic_lib' => {
        'OTHERLDFLAGS' => Apache::src->new->otherldflags,
    },
);
1.4 Author

Doug MacEachern
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