

# **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 $!\n";
```

- **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:

```
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:

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

- **httpd\_version**

Return the server version.

Example:

```
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:

```
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

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