NAME

FindBin - Locate directory of original perl script

SYNOPSIS

```
use FindBin;
use lib "$FindBin::Bin/../lib";


or


use FindBin qw($Bin);
use lib "$Bin/../lib";
```

DESCRIPTION

Locates the full path to the script bin directory to allow the use of paths relative to the bin directory.

This allows a user to setup a directory tree for some software with directories `<root>/bin` and `<root>/lib`, and then the above example will allow the use of modules in the lib directory without knowing where the software tree is installed.

If perl is invoked using the **-e** option or the perl script is read from `STDIN` then FindBin sets both `$Bin` and `$RealBin` to the current directory.

EXPORTABLE VARIABLES

```
$Bin          - path to bin directory from where script was invoked
$Script       - basename of script from which perl was invoked
$RealBin      - $Bin with all links resolved
$RealScript   - $Script with all links resolved
```

KNOWN ISSUES

If there are two modules using `FindBin` from different directories under the same interpreter, this won't work. Since `FindBin` uses a `BEGIN` block, it'll be executed only once, and only the first caller will get it right. This is a problem under mod_perl and other persistent Perl environments, where you shouldn't use this module. Which also means that you should avoid using `FindBin` in modules that you plan to put on CPAN. To make sure that `FindBin` will work is to call the `again` function:

```
use FindBin;
FindBin::again(); # or FindBin->again;
```

In former versions of FindBin there was no `again` function. The workaround was to force the `BEGIN` block to be executed again:

```
delete $INC{'FindBin.pm'};
require FindBin;
```

KNOWN BUGS

If perl is invoked as

```
perl filename
```

and *filename* does not have executable rights and a program called *filename* exists in the users `$ENV{PATH}` which satisfies both **-x** and **-T** then FindBin assumes that it was invoked via the `$ENV{PATH}`.

Workaround is to invoke perl as

```
perl ./filename
```

AUTHORS

FindBin is supported as part of the core perl distribution. Please send bug reports to < *perlbug@perl.org*> using the perlbug program included with perl.

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