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.

Graham Barr <gbarr@pobox.com> Nick Ing-Simmons <nik@tiuk.ti.com>

COPYRIGHT
Copyright (c) 1995 Graham Barr & Nick Ing-Simmons. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.