

NAME

perldgux - Perl under DG/UX.

SYNOPSIS

One can read this document in the following formats:

```
man perldgux
view perl perldgux
explorer perldgux.html
info perldgux
```

to list some (not all may be available simultaneously), or it may be read *as is*: as *README.dgux*.

DESCRIPTION

Perl 5.7/8.x for DG/UX ix86 R4.20MU0x

BUILDING PERL ON DG/UX

Non-threaded Perl on DG/UX

Just run `./Configure` script from the top directory. Then give "make" to compile.

Threaded Perl on DG/UX

If you are using as compiler GCC-2.95.x rev(DG/UX) an easy solution for configuring perl in your DG/UX machine is to run the command:

```
./Configure -Dusethreads -Duseithreads -Dusedevel -des
```

This will automatically accept all the defaults and in particular `/usr/local/` as installation directory. Note that GCC-2.95.x rev(DG/UX) knows the switch `-pthread` which allows it to link correctly DG/UX's `-lthread` library.

If you want to change the installation directory or have a standard DG/UX with C compiler GCC-2.7.2.x then you have no choice than to do an interactive build by issuing the command:

```
./Configure -Dusethreads -Duseithreads
```

In particular with GCC-2.7.2.x accept all the defaults and **watch** out for the message:

```
Any additional ld flags (NOT including libraries)? [ -pthread]
```

Instead of `-pthread` put here `-lthread`. CGCC-2.7.2.x that comes with the DG/UX OS does NOT know the `-pthread` switch. So your build will fail if you choose the defaults. After configuration is done correctly give "make" to compile.

Testing Perl on DG/UX

Issuing a "make test" will run all the tests. If the test `lib/ftmp-security` gives you as a result something like

```
lib/ftmp-security....File::Temp::_gettemp:
Parent directory (/tmp/) is not safe (sticky bit not set
when world writable?) at lib/ftmp-security.t line 100
```

don't panic and just set the sticky bit in your `/tmp` directory by doing the following as root:

```
cd / chmod +t /tmp (=set the sticky bit to /tmp).
```

Then rerun the tests. This time all must be OK.

Installing the built perl on DG/UX

Run the command "make install"

AUTHOR

Takis Psarogiannakopoulos University of Cambridge Centre for Mathematical Sciences Department of Pure Mathematics Wilberforce road Cambridge CB3 0WB , UK email <takis@XFree86.Org>

SEE ALSO

perl(1).