Chapter 110

README.irix

Perl version 5 on Irix systems

110.1   DESCRIPTION

This document describes various features of Irix that will affect how Perl version 5 (hereafter just Perl) is compiled and/or runs.

110.1.1   Building 32-bit Perl in Irix

Use

```
sh Configure -Dcc='cc -n32'
```

to compile Perl 32-bit. Don't bother with -n32 unless you have 7.1 or later compilers (use cc -version to check). (Building 'cc -n32' is the default.)

110.1.2   Building 64-bit Perl in Irix

Use

```
sh Configure -Dcc='cc -64' -Duse64bitint
```

This requires require a 64-bit MIPS CPU (R8000, R10000, ...)
You can also use

```
sh Configure -Dcc='cc -64' -Duse64bitall
```

but that makes no difference compared with the -Duse64bitint because of the `cc -64`.
You can also do

```
sh Configure -Dcc='cc -n32' -Duse64bitint
```

to use long longs for the 64-bit integer type, in case you don't have a 64-bit CPU.
If you are using gcc, just

```
sh Configure -Dcc=gcc -Duse64bitint
```

should be enough, the Configure should automatically probe for the correct 64-bit settings.