

NAME

README.riscos - Perl version 5 for RISC OS

DESCRIPTION

This document gives instructions for building Perl for RISC OS. It is complicated by the need to cross compile. There is a binary version of perl available from <http://www.cp15.org/perl/> which you may wish to use instead of trying to compile it yourself.

BUILD

You need an installed and working gccsdk cross compiler <http://gccsdk.riscos.info/> and REXEN <http://www.cp15.org/programming/>

Firstly, copy the source and build a native copy of perl for your host system. Then, in the source to be cross compiled:

- `$./Configure`
- Select the riscos hint file. The default answers for the rest of the questions are usually sufficient.
Note that, if you wish to run Configure non-interactively (see the INSTALL document for details), to have it select the correct hint file, you'll need to provide the argument `-Dhintfile=riscos` on the Configure command-line.
- `$ make miniperl`
- This should build miniperl and then fail when it tries to run it.
- Copy the miniperl executable from the native build done earlier to replace the cross compiled miniperl.
- `$ make`
- This will use miniperl to complete the rest of the build.

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