Chapter 118

README.os390

Building and installing Perl for OS/390 and z/OS

118.1   SYNOPSIS

This document will help you Configure, build, test and install Perl on OS/390 (aka z/OS) Unix System Services.

118.2   DESCRIPTION

This is a fully ported Perl for OS/390 Version 2 Release 3, 5, 6, 7, 8, and 9. It may work on other versions or releases, but those are the ones we've tested it on.

You may need to carry out some system configuration tasks before running the Configure script for Perl.

118.2.1   Tools

The z/OS Unix Tools and Toys list may prove helpful and contains links to ports of much of the software helpful for building Perl. http://www-1.ibm.com/servers/eserver/zseries/zos/unix/bpxa1toy.html

118.2.2   Unpacking Perl distribution on OS/390

If using ftp remember to transfer the distribution in binary format.

Gunzip/gzip for OS/390 is discussed at:

```
http://www-1.ibm.com/servers/eserver/zseries/zos/unix/faq/bpxqp1.html
```

to extract an ASCII tar archive on OS/390, try this:

```
pax -o to=IBM-1047,from=ISO8859-1 -r < latest.tar
```

or

```
zcat latest.tar.Z | pax -o to=IBM-1047,from=ISO8859-1 -r
```

If you get lots of errors of the form

```
tar: FSUM7171 ...: cannot set uid/gid: EDC5139I Operation not permitted.
```

you didn't read the above and tried to use tar instead of pax, you'll first have to remove the (now corrupt) perl directory

```
rm -rf perl-...
```

and then use pax.