81.8 New or Changed Diagnostics

- Perl -V has several improvements

    - correctly outputs local patch names that contain embedded code snippets or other characters that used to confuse it.
    - arguments to -V that look like regexps will give multiple lines of output.
    - a trailing colon suppresses the linefeed and ';' terminator, allowing embedding of queries into shell commands.
    - a leading colon removes the 'name=' part of the response, allowing mapping to any name.

- When perl fails to find the specified script, it now outputs a second line suggesting that the user use the -S flag:

```
$ perl5.8.5 missing.pl
Can't open perl script "missing.pl": No such file or directory.
Use -S to search $PATH for it.
```

81.9 Changed Internals

The Unicode character class files used by the regular expression engine are now built at build time from the supplied Unicode consortium data files, instead of being shipped prebuilt. This makes the compressed Perl source tarball about 200K smaller. A side effect is that the layout of files inside lib/unicore has changed.

81.10 Known Problems

The regression test *t/uni/class.t* is now performing considerably more tests, and can take several minutes to run even on a fast machine.

81.11 Platform Specific Problems

This release is known not to build on Windows 95.

81.12 Reporting Bugs

If you find what you think is a bug, you might check the articles recently posted to the comp.lang.perl.misc newsgroup and the perl bug database at http://bugs.perl.org. There may also be information at http://www.perl.org, the Perl Home Page.

If you believe you have an unreported bug, please run the **perlbug** program included with your release. Be sure to trim your bug down to a tiny but sufficient test case. Your bug report, along with the output of `perl -V`, will be sent off to perlbug@perl.org to be analysed by the Perl porting team. You can browse and search the Perl 5 bugs at http://bugs.perl.org/

81.13 SEE ALSO

The *Changes* file for exhaustive details on what changed.

The *INSTALL* file for how to build Perl.

The *README* file for general stuff.

The *Artistic* and *Copying* files for copyright information.