

**NAME**

Perl4::CoreLibs – libraries historically supplied with Perl 4

**DESCRIPTION**

This is a collection of `.pl` files that were bundled with the Perl core until core version 5.15.1. Relying on their presence in the core distribution is deprecated; they should be acquired from this CPAN distribution instead. From core version 5.13.3 until their removal, the core versions of these libraries emit a deprecation warning when loaded. The CPAN version does not emit such a warning.

The entire Perl 4 approach to libraries was largely superseded in Perl 5.000 by the system of module namespaces and `.pm` files. Most of the libraries in this collection predate Perl 5.000, but a handful were first introduced in that version. Functionally, most have been directly superseded by modules in the Perl 5 style. These libraries should not be used by new code. This collection exists to support old Perl programs that predate satisfactory replacements.

Most of these libraries have not been substantially maintained in the course of Perl 5 development. They are now very antiquated in style, making no use of the language facilities introduced since Perl 4. They should therefore not be used as programming examples.

**LIBRARIES**

The libraries in this collection are:

`abbrev.pl`

Build a dictionary of unambiguous abbreviations for a group of words. Prefer `Text::Abbrev`.

`assert.pl`

Assertion checking with stack trace upon assertion failure.

`bigfloat.pl`

Arbitrary precision decimal floating point arithmetic. Prefer `Math::BigFloat`.

`bigint.pl`

Arbitrary precision integer arithmetic. Prefer `Math::BigInt`.

`bigrat.pl`

Arbitrary precision rational arithmetic. Prefer `Math::BigRat`.

`cacheout.pl`

Manage output to a large number of files to avoid running out of file descriptors.

`chat2.pl`

Framework for partial automation of communication with a remote process over IP. Prefer `IO::Socket::INET`.

`complete.pl`

Interactive line input with word completion. Prefer `Term::Complete`.

`ctime.pl`

One form of textual representation of time. Prefer `scalar(localtime())` or “`ctime`” in POSIX.

`dotsh.pl`

Inhale shell variables set by a shell script.

`exceptions.pl`

String-based exception handling built on `eval` and `die`. Prefer `Try::Tiny` or `TryCatch`.

`fastcwd.pl`

Determine current directory. Prefer `Cwd`.

`find.pl`

Historical interface for a way of searching for files. Prefer `File::Find`.

`finddepth.pl`

Historical interface for a way of searching for files. Prefer `File::Find`.

`flush.pl`  
Flush an I/O handle's output buffer. Prefer "flush" in `IO::Handle`.

`ftp.pl`  
File Transfer Protocol (FTP) over IP. Prefer `Net::FTP`.

`getcwd.pl`  
Determine current directory. Prefer `Cwd`.

`getopt.pl`  
Unix-like option processing with all option taking arguments. Prefer `Getopt::Std`.

`getopts.pl`  
Full Unix-like option processing. Prefer `Getopt::Std`.

`hostname.pl`  
Determine host's hostname. Prefer `Sys::Hostname`.

`importenv.pl`  
Import environment variables as Perl package variables.

`look.pl`  
Data-based seek within regular file.

`newgetopt.pl`  
GNU-like option processing. Prefer `Getopt::Long`.

`open2.pl`  
Open a subprocess for both reading and writing. Prefer `IPC::Open2`.

`open3.pl`  
Open a subprocess for reading, writing, and error handling. Prefer `IPC::Open3`.

`pwd.pl`  
Track changes of current directory in `$ENV{PWD}`.

`shellwords.pl`  
Interpret shell quoting. Prefer `Text::ParseWords`.

`stat.pl`  
Access fields of a stat structure by name. Prefer `File::stat`.

`syslog.pl`  
Write to Unix system log. Prefer `Sys::Syslog`.

`tainted.pl`  
Determine whether data is tainted. Prefer `Taint::Util`.

`termcap.pl`  
Generate escape sequences to control arbitrary terminal. Prefer `Term::Cap`.

`timelocal.pl`  
Generate time number from broken-down time. Prefer `Time::Local`.

`validate.pl`  
Check permissions on a group of files.

## AUTHOR

Known contributing authors for the libraries in this package are Brandon S. Allbery, John Bazik, Tom Christiansen <tchrist@convex.com>, Charles Collins, Joe Doupnik <JRD@CC.USU.EDU>, Marion Hakanson <hakanson@cse.ogi.edu>, Waldemar Kepsch <kebsch.pad@nixpe.UUCP>, Lee McLoughlin <lmjm@doc.ic.ac.uk>, <A.Macpherson@bnr.co.uk>, Randal L. Schwartz <merlyn@stonehenge.com>, Aaron Sherman <asherman@fmrco.com>, Wayne Thompson, Larry Wall <lwall@jpl-devvax.jpl.nasa.gov>, and Ilya Zakharevich. (Most of these email addresses are probably out of date.)

Known contributing authors for the tests in this package are Tom Christiansen <tchrist@convex.com>, Alexandr Ciornii (alexchorny at gmail.com), Marc Horowitz <marc@mit.edu>, Dave Rolsky <autarch@urth.org>, and David Sundstrom <sunds@asicstest.sc.ti.com>.

Andrew Main (Zefram) <zefram@fysh.org> built the Perl4::CoreLibs package.

**COPYRIGHT**

Copyright (C) 1987–2009 Larry Wall et al

Copyright (C) 2010, 2011, 2017 Andrew Main (Zefram) <zefram@fysh.org>

**LICENSE**

This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.