

NAME

perlexperiment - A listing of experimental features in Perl

DESCRIPTION

This document lists the current and past experimental features in the perl core. Although all of these are documented with their appropriate topics, this succinct listing gives you an overview and basic facts about their status.

So far I've merely tried to find and list the experimental features and infer their inception, versions, etc. There's a lot of speculation here.

Current experiments

fork() emulation

Introduced in Perl 5.6.1

See also *perlfork*

Weak references

Introduced in Perl 5.6.0

Internal file glob

Introduced in Perl 5.6.0

Accepted in XXX

64-bit support

Introduced in Perl 5.005

Accepted in XXX

die accepts a reference

Introduced in Perl 5.005

Accepted in Perl XXX

Unicode support

Introduced in Perl 5.6.0

Accepted in Perl 5.8.0 XXX

-Dusemultiplicity -Dusethreads

Introduced in Perl 5.6.0

Long Doubles Still Don't Work In Solaris

Introduced in Perl 5.7.0

GetOpt::Long Options can now take multiple values at once (experimental)

Getopt : :Long upgraded to version 2.35

Removed in Perl 5.8.8

5.005-style threading

Introduced in Perl 5.005

Removed in Perl 5.10 XXX

Test::Harness::Straps

Removed in Perl 5.10.1

perlcc

Introduced in Perl 5.005

Removed in Perl 5.9.0

`our` can now have an experimental optional attribute `unique`

Introduced in Perl 5.8.0

Deprecated in Perl 5.10.0

Assertions

The `-A` command line switch

Introduced in Perl 5.9.0

Removed in Perl 5.9.5

Linux abstract Unix domain sockets

Introduced in Perl 5.9.2

See also *Socket*

Pod::HTML2Pod

Pod::PXML

threads

The `<:pop>` IO pseudolayer

See also *perlr*

The `<:win32>` IO pseudolayer

See also *perlr*

MLDBM

See also *perldsc*

internal functions with M flag

See also *perlguts*

`lex_start` API

Introduced in Perl 5.13.7

internal API for `%H`

Introduced in Perl 5.13.7

See also `cophh_` in *perlapi*.

`av_create_and_push`

`av_create_and_unshift_one`

`av_create_and_unshift_one`

`PL_keyword_plugin`

`hv_iternext_flags`

`lex_bufutf8`

`lex_discard_to`

`lex_grow_linestr`

`lex_next_chunk`

`lex_peek_unichar`

`lex_read_space`

`lex_read_to`

lex_read_unichar
lex_stuff_pv
lex_stuff_pvn
lex_stuff_pvs
lex_stuff_sv
lex_unstuff
parse_fullstmt
parse_stmtseq
PL_parser->bufend
PL_parser->bufptr
PL_parser->linestart
PL_parser->linestr
Perl_signbit
pad_findmy
sv_utf8_decode
sv_utf8_downgrade
bytes_from_utf8
bytes_to_utf8
utf8_to_bytes
DB module

Introduced in Perl 5.6.0

See also *perldebug*, *perldebtut*

The pseudo-hash data type

Introduced in Perl 5.6.0

Lvalue subroutines

Introduced in Perl 5.6.0

See also *perlsub*

There is an `installhtml` target in the Makefile.

Unicode in Perl on EBCDIC

(?`{code}`)

See also *perlre*

(??{ code })

See also *perlre*

Backtracking control verbs

(`*ACCEPT`)

Introduced in: Perl 5.10

See also: "*Special Backtracking Control Verbs*" in *perlre*

Code expressions, conditional expressions, and independent expressions in regexes

The `\N` regex character class

The `\N` character class, not to be confused with the named character sequence `\N{NAME}`, denotes any non-newline character in a regular expression.

Introduced in: Perl 5.12

See also:

`gv_try_downgrade`

See also *perlintern*

Experimental Support for Sun Studio Compilers for Linux OS

See also *perlinux*

Pluggable keywords

See "*PL_keyword_plugin*" in *perlapi* for the mechanism.

Introduced in: Perl 5.11.2

Accepted features

These features were so wildly successful and played so well with others that we decided to remove their experimental status and admit them as full, stable features in the world of Perl, lavishing all the benefits and luxuries thereof. They are also awarded +5 Stability and +3 Charisma.

(none yet identified)

Removed features

These features are no longer considered experimental and their functionality has disappeared. It's your own fault if you wrote production programs using these features after we explicitly told you not to (see *perlpolicy*).

`legacy`

The experimental `legacy` pragma was swallowed by the `feature` pragma.

Introduced in: 5.11.2

Removed in: 5.11.3

AUTHORS

brian d foy <brian.d.foy@gmail.com>

COPYRIGHT

Copyright 2010, brian d foy <brian.d.foy@gmail.com>

LICENSE

You can use and redistribute this document under the same terms as Perl itself.