

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 we'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

-Dusemultiplicity -Duseithreads

Introduced in Perl 5.6.0

Long Doubles Still Don't Work In Solaris

Introduced in Perl 5.7.0

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

Introduced in Perl 5.8.0

Deprecated in Perl 5.10.0

Linux abstract Unix domain sockets

Introduced in Perl 5.9.2

See also *Socket*

Pod::HTML2Pod

Pod::PXML

The `<:pop>` IO pseudolayer

See also *perlrun*

The `<:win32>` IO pseudolayer

See also *perlrun*

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*.

`alloccopstash`

Introduced in Perl 5.18.0

`av_create_and_push`

`av_create_and_unshift_one`

`av_create_and_unshift_one`

`cop_store_label`

Introduced in Perl 5.16.0

`PL_keyword_plugin`

`gv_fetchmethod_*_flags`

Introduced in Perl 5.16.0

`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`

`op_scope`

`op_lvalue`

`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`

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*

Smart match (`~~`)

Introduced in Perl 5.10.0

Modified in Perl 5.10.1, 5.12.0

Lexical `$_`

Introduced in Perl 5.10.0

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

`gv_try_downgrade`

See also *perlintern*

Experimental Support for Sun Studio Compilers for Linux OS

See also *perllinux*

Pluggable keywords

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

Introduced in: Perl 5.11.2

Array and hash container functions accept references

Introduced in Perl 5.14.0

Lexical subroutines

Introduced in: Perl 5.18

See also: "*Lexical Subroutines*" in *perlsub*

Regular Expression Set Operations

Introduced in: Perl 5.18

See also: "*Extended Bracketed Character Classes*" in *perlrecharclass*

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.

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

`fork()` emulation

Introduced in Perl 5.6.1

See also *perlfork*

DB module

Introduced in Perl 5.6.0

See also *perldebug*, *perldebtut*

Weak references

Introduced in Perl 5.6.0

Internal file glob

Introduced in Perl 5.6.0

die accepts a reference

Introduced in Perl 5.005

64-bit support

Introduced in Perl 5.005

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

Assertions

The `-A` command line switch

Introduced in Perl 5.9.0

Removed in Perl 5.9.5

Test::Harness::Straps

Moved from Perl 5.10.1 to CPAN

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

`Getopt::Long` upgraded to version 2.35

Removed in Perl 5.8.8

The pseudo-hash data type

Introduced in Perl 5.6.0

Removed in Perl 5.9.0

5.005-style threading

Introduced in Perl 5.005

Removed in Perl 5.10

perlcc

Introduced in Perl 5.005

Moved from Perl 5.9.0 to CPAN

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