

# Predefined Constants ¶

## Core Predefined Constants ¶

These constants are defined by the PHP core. This includes PHP, the Zend engine, and SAPI modules.

**PHP\_VERSION** (string)

The current PHP version as a string in "major.minor.release[extra]" notation.

**PHP\_MAJOR\_VERSION** (int)

The current PHP "major" version as an integer (e.g., int(5) from version "5.2.7-extra").

**PHP\_MINOR\_VERSION** (int)

The current PHP "minor" version as an integer (e.g., int(2) from version "5.2.7-extra").

**PHP\_RELEASE\_VERSION** (int)

The current PHP "release" version as an integer (e.g., int(7) from version "5.2.7-extra").

**PHP\_VERSION\_ID** (int)

The current PHP version as an integer, useful for version comparisons (e.g., int(50207) from version "5.2.7-extra").

**PHP\_EXTRA\_VERSION** (string)

The current PHP "extra" version as a string (e.g., '-extra' from version "5.2.7-extra"). Often used by distribution vendors to indicate a package version.

**PHP\_ZTS** (int)

**PHP\_DEBUG** (int)

**PHP\_MAXPATHLEN** (int)

The maximum length of filenames (including path) supported by this build of PHP.

**PHP\_OS** (string)

The operating system PHP was built for.

**PHP\_OS\_FAMILY** (string)

The operating system family PHP was built for. One of 'Windows', 'BSD', 'Darwin', 'Solaris', 'Linux' or 'Unknown'. Available as of PHP 7.2.0.

**PHP\_SAPI** (string)

The Server API for this build of PHP. See also [php\\_sapi\\_name\(\)](#).

**PHP\_EOL** (string)

The correct 'End Of Line' symbol for this platform.

**PHP\_INT\_MAX** (int)

The largest integer supported in this build of PHP. Usually int(2147483647) in 32 bit systems and int(9223372036854775807) in 64 bit systems.

**PHP\_INT\_MIN** (int)

The smallest integer supported in this build of PHP. Usually int(-2147483648) in 32 bit systems and int(-9223372036854775808) in 64 bit systems. Usually, PHP\_INT\_MIN === ~PHP\_INT\_MAX.

**PHP\_INT\_SIZE** (int)

The size of an integer in bytes in this build of PHP.

**PHP\_FLOAT\_DIG** (int)

Number of decimal digits that can be rounded into a float and back without precision loss. Available as of PHP 7.2.0.

**PHP\_FLOAT\_EPSILON** (float)

Smallest representable positive number  $x$ , so that  $x + 1.0 \neq 1.0$ . Available as of PHP 7.2.0.

**PHP\_FLOAT\_MIN** (float)

Smallest representable *positive* floating point number. If you need the smallest representable *negative* floating point number, use `- PHP_FLOAT_MAX`. Available as of PHP 7.2.0.

**PHP\_FLOAT\_MAX** (float)

Largest representable floating point number. Available as of PHP 7.2.0.

**DEFAULT\_INCLUDE\_PATH** (string)

**PEAR\_INSTALL\_DIR** (string)

**PEAR\_EXTENSION\_DIR** (string)

**PHP\_EXTENSION\_DIR** (string)

The default directory where to look for dynamically loadable extensions (unless overridden by [extension\\_dir](#)). Defaults to `PHP_PREFIX` (or `PHP_PREFIX . "\\ext"` on Windows).

`PHP_PREFIX` (string)

The value `--prefix` was set to at configure. On Windows, it is the value `--with-prefix` was set to at configure.

`PHP_BINDIR` (string)

The value `--bindir` was set to at configure. On Windows, it is the value `--with-prefix` was set to at configure.

`PHP_BINARY` (string)

Specifies the PHP binary path during script execution.

`PHP_MANDIR` (string)

Specifies where the manpages were installed into.

`PHP_LIBDIR` (string)

`PHP_DATADIR` (string)

`PHP_SYSCONFDIR` (string)

`PHP_LOCALSTATEDIR` (string)

`PHP_CONFIG_FILE_PATH` (string)

`PHP_CONFIG_FILE_SCAN_DIR` (string)

`PHP_SHLIB_SUFFIX` (string)

The build-platform's shared library suffix, such as "so" (most Unixes) or "dll" (Windows).

`PHP_FD_SETSIZE` (string)

The maximum number of file descriptors for select system calls. Available as of PHP 7.1.0.

`E_ERROR` (int)

[Error reporting constant](#)

`E_WARNING` (int)

[Error reporting constant](#)

`E_PARSE` (int)

[Error reporting constant](#)

`E_NOTICE` (int)

[Error reporting constant](#)

`E_CORE_ERROR` (int)

[Error reporting constant](#)

`E_CORE_WARNING` (int)

[Error reporting constant](#)

`E_COMPILE_ERROR` (int)

[Error reporting constant](#)

`E_COMPILE_WARNING` (int)

[Error reporting constant](#)

`E_USER_ERROR` (int)

[Error reporting constant](#)

`E_USER_WARNING` (int)

[Error reporting constant](#)

`E_USER_NOTICE` (int)

[Error reporting constant](#)

`E_RECOVERABLE_ERROR` (int)

[Error reporting constant.](#)

`E_DEPRECATED` (int)

[Error reporting constant.](#)

`E_USER_DEPRECATED` (int)

[Error reporting constant.](#)

`E_ALL` (int)

[Error reporting constant](#)

`E_STRICT` (int)

[Error reporting constant](#)

`__COMPILER_HALT_OFFSET__` (int)

`true` (bool)

See [Booleans](#).

`false` (bool)

See [Booleans](#).

**null** (null)

See [Null](#).

**PHP\_WINDOWS\_EVENT\_CTRL\_C** (int)

A Windows CTRL+C event. Available as of PHP 7.4.0 (Windows only).

**PHP\_WINDOWS\_EVENT\_CTRL\_BREAK** (int)

A Windows CTRL+BREAK event. Available as of PHP 7.4.0 (Windows only).