

Upcoming conferences: [PHP'n Rio 11](#)



PHP 5.4 beta2 released

[26-Oct-2011] The PHP development team is proud to announce the second [beta release](#) of PHP 5.4. PHP 5.4 includes new language features and removes several legacy (deprecated) behaviours. Windows binaries can be downloaded from the [Windows QA site](#).

THIS IS A DEVELOPMENT PREVIEW - DO NOT USE IT IN PRODUCTION!

Please help us to identify bugs by testing new features and looking for unintended backward compatibility breaks, so we can fix the problems and fully document intended changes before PHP 5.4.0 is released. Report findings to the [QA mailing list](#) and/or the [PHP bug tracker](#).

This release includes numerous bug fixes and improvements since the first beta release.

Read the [NEWS](#) file for a complete list of changes.

PHP 5.4 beta1 released

[27-Sep-2011] The PHP development team is proud to announce the first [beta release](#) of PHP 5.4. PHP 5.4 includes new language features and removes several legacy (deprecated) behaviors. Windows binaries can be downloaded from the [Windows QA site](#).

THIS IS A DEVELOPMENT PREVIEW - DO NOT USE IT IN PRODUCTION!

New features were added and bugs were fixed since alpha1. Please help us to identify bugs by testing new features and looking for unintended backward compatibility breaks, so we can fix the problems and fully document intended changes before PHP 5.4.0 is released. Report findings to the [QA mailing list](#) and/or the [PHP bug tracker](#).

Changes since the first alpha version include:

- Added callable typehint.
- Removed the timezone guessing algorithm. "UTC" is now used in case the timezone is not set.
- The mysql, mysqli and pdo_mysql extensions now use mysqlnd by default.

Read the [NEWS](#) file for a complete list of changes.

PHP 5.3.8 Released!

[23-Aug-2011] The PHP development team would like to announce the immediate availability of PHP 5.3.8. This release fixes two issues introduced in the PHP 5.3.7 release:

- Fixed bug [#55439](#) (crypt() returns only the salt for MD5)
- Reverted a change in timeout handling restoring PHP 5.3.6 behavior, which caused mysqlnd SSL connections to hang (Bug [#55283](#)).

All PHP users should note that the PHP 5.2 series is NOT supported anymore. All users are strongly encouraged to upgrade to PHP 5.3.8.

For a full list of changes in PHP 5.3.8, see the [ChangeLog](#). For source downloads please visit our [downloads page](#), Windows binaries can be found on [windows.php.net/download/](#).

For more details on the crypt() blowfish security issue in pre 5.3.6 see [the crypt blowfish page](#)

5.3.7 upgrade warning

[22-Aug-2011] Due to unfortunate issues with 5.3.7 (see [bug#55439](#)) users should postpone upgrading until 5.3.8 is released (expected in a few days).

PHP 5.3.7 Released!

[18-Aug-2011] The PHP development team would like to announce the immediate availability of PHP 5.3.7. This release focuses on improving the stability of the PHP 5.3.x branch with over 90 bug fixes some of which are security related.

Security Enhancements and Fixes in PHP 5.3.7:

- Updated crypt_blowfish to 1.2. (CVE-2011-2483) ([more info](#))
- Fixed crash in error_log(). Reported by Mateusz Kocielski
- Fixed buffer overflow on overlog salt in crypt().
- Fixed bug #54939 (File path injection vulnerability in RFC1867 File upload filename). Reported by Krzysztof Kotowicz. (CVE-2011-2202)
- Fixed stack buffer overflow in socket_connect(). (CVE-2011-1938)
- Fixed bug #54238 (use-after-free in substr_replace()). (CVE-2011-1148)

Key enhancements in PHP 5.3.7 include:

- Upgraded bundled Sqlite3 to version 3.7.7.1
- Upgraded bundled PCRE to version 8.12
- Fixed bug #54910 (Crash when calling call_user_func with unknown function name)
- Fixed bug #54585 (track_errors causes segfault)
- Fixed bug #54262 (Crash when assigning value to a dimension in a non-array)
- Fixed a crash inside dtor for error handling
- Fixed bug #55339 (Segfault with allow_call_time_pass_reference = Off)
- Fixed bug #54935 php_win_err can lead to crash
- Fixed bug #54332 (Crash in zend_mm_check_ptr // Heap corruption)
- Fixed bug #54305 (Crash in gc_remove_zval_from_buffer)
- Fixed bug #54580 (get_browser() segmentation fault when browscap ini directive is set through php_admin_value)

- Fixed bug #54529 (SAPI crashes on apache_config.c:197)
- Fixed bug #54283 (new DatePeriod(NULL) causes crash).
- Fixed bug #54269 (Short exception message buffer causes crash)
- Fixed Bug #54221 (mysqli::get_warnings segfault when used in multi queries)
- Fixed bug #54395 (Phar::mount() crashes when calling with wrong parameters)
- Fixed bug #54384 (Dual iterators, GlobIterator, SplFileObject and SplTempFileObject crash when user-space classes don't call the parent constructor)
- Fixed bug #54292 (Wrong parameter causes crash in SplFileObject::__construct())
- Fixed bug #54291 (Crash iterating DirectoryIterator for dir name starting with \0)
- Fixed bug #54281 (Crash in non-initialized RecursiveIteratorIterator)
- Fixed bug #54623 (Segfault when writing to a persistent socket after closing a copy of the socket)
- Fixed bug #54681 (addGlob() crashes on invalid flags)
- Over 80 other bug fixes.

Windows users: please mind that we do no longer provide builds created with Visual Studio C++ 6. It is impossible to maintain a high quality and safe build of PHP for Windows using this unmaintained compiler.

For Apache SAPIs (php5_apache2_2.dll), be sure that you use a Visual Studio C++ 9 version of Apache. We recommend the Apache builds as provided by [ApacheLounge](#). For any other SAPI (CLI, FastCGI via mod_fcgi, FastCGI with IIS or other FastCGI capable server), everything works as before. Third party extension providers must rebuild their extensions to make them compatible and loadable with the Visual Studio C++9 builds that we now provide.

All PHP users should note that the PHP 5.2 series is NOT supported anymore. All users are strongly encouraged to upgrade to PHP 5.3.7.

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