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## Updated: cygwin-1.7.9-1

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  - *To:* cygwin-announce at cygwin dot com
  - *Date:* Tue, 29 Mar 2011 10:39:18 +0200
  - *Subject:* Updated: cygwin-1.7.9-1
  - *Reply-to:* The Cygwin Mailing List <cygwin at cygwin dot com>
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Hi Cygwin friends and users,

I just released 1.7.9-1. This is mainly a bug fix release.

New since Cygwin 1.7.8:

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- New API: `strchrnul`.

Changes since Cygwin 1.7.8:

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- Slightly speed up file access when creating new files.
- Move the call to `_feinitialise` from `crt0.o` to the Cygwin DLL itself.
- Add a cheat to `mmap` to allow a certain `autoconf` test to succeed on 64 bit Windows systems as well.
- Provide a `sys/xattr.h` header file as on Linux. On Cygwin it just includes the already existing `attr/xattr.h`.

Bugfixes since Cygwin 1.7.8:

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- Fix a problem when loading `winmm` functions on XP and Server 2003.
- Fix a bug in the new POSIX compatible `strerror_r` function. Tweak `sys/cdefs.h` and `string.h` headers to make sure linking against `strerror_r` will correctly pick up the POSIX implementation.
- Avoid endless blocking behaviour in `mq_timedsend` and `mq_timedreceive`

when used with O\_NONBLOCK message queues.

- Rewrite parts of the /proc/sys implementation to avoid potential crashes with badly written drivers.
- Fix a problem to fetch correct file permissions on just created files on XP and Server 2003.
- Avoid potential data loss when sending lots of data through a pipe.
- Fix inode number handling in stat.
- Lower the pressure on the cygheap when using mmap a lot.
- Raise the default size of the cygheap to 2 Megs.
- Don't use SSE instructions on systems not supporting them (NT4).
- Fix return codes and setting of errno in sem\_init, sem\_destroy, and sem\_close functions.

Have fun,  
Corinna

To update your installation, click on the "Install Cygwin now" link on the <http://cygwin.com/> web page. This downloads setup.exe to your system. Then, run setup and answer all of the questions.

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