

Bitcoin version 0.7.2 is now available from: <http://sourceforge.net/projects/bitcoin/files/Bitcoin/bitcoin-0.7.2>

This is a bug-fix minor release.

Please report bugs using the issue tracker at github: <https://github.com/bitcoin/bitcoin/issues>

## How to Upgrade

If you are running an older version, shut it down. Wait until it has completely shut down (which might take a few minutes for older versions), then run the installer (on Windows) or just copy over /Applications/Bitcoin-Qt (on Mac) or bitcoind/bitcoin-qt (on Linux).

If you were running on Linux with a version that might have been compiled with a different version of Berkeley DB (for example, if you were using an Ubuntu PPA version), then run the old version again with the `-detachdb` argument and shut it down; if you do not, then the new version will not be able to read the database files and will exit with an error.

Explanation of `-detachdb` (and the new “stop true” RPC command): The Berkeley DB database library stores data in both “`.dat`” and “`log`” files, so the database is always in a consistent state, even in case of power failure or other sudden shutdown. The format of the “`.dat`” files is portable between different versions of Berkeley DB, but the “`log`” files are not— even minor version differences may have incompatible “`log`” files. The `-detachdb` option moves any pending changes from the “`log`” files to the “`blkindex.dat`” file for maximum compatibility, but makes shutdown much slower. Note that the “`wallet.dat`” file is always detached, and versions prior to 0.6.0 detached all databases at shutdown.

## Bug fixes

- Prevent RPC ‘move’ from deadlocking. This was caused by trying to lock the database twice.
- Fix use-after-free problems in initialization and shutdown, the latter of which caused Bitcoin-Qt to crash on Windows when exiting.
- Correct library linking so building on Windows natively works.
- Avoid a race condition and out-of-bounds read in block creation/mining code.
- Improve platform compatibility quirks, including fix for 100% CPU utilization on FreeBSD 9.
- A few minor corrections to error handling, and updated translations.
- OSX 10.5 supported again

Thanks to everybody who contributed to this release:

Alex dansmith Gavin Andresen Gregory Maxwell Jeff Garzik Luke Dashjr Philip  
Kaufmann Pieter Wuille Wladimir J. van der Laan grimd34th