

---

Subject: 2020.2 'upcoming'

Posted by [mirek](#) on Tue, 25 Aug 2020 08:46:58 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

I believe it is time to release again! Please help me extend this list (so far I have only added parts that I have committed...)

#### Release highlights

\* This release is mostly about optimizations, using SIMD and multithreading.

#### Core

- \* `memset*`, `memcpy*`, `memcpy*`, `memhash` SIMD optimised inlined routines (\* = 8, 16, 32, 64, 128)
- \* String comparison is yet again optimised
- \* Using 64 bit hashes on 64 bit CPUs

#### Draw, Painter

- \* SIMD optimizations (Intel SSE2 and ARM NEON) of graphics related routines

#### Ide

- \* C++ Assist parser in TheIDE is now multithreaded and some parts run in background
- \* Navigator now can search for files too
- \* The errors now can be directly googled

#### SQL

- \* plugin/Sqlite3: Updated to 3.33

#### uppsrc

- \* Improved support for OpenSolaris derived systems, FreeBSD and OpenBSD
-