Subject: 2020.2 'upcoming'

Posted by mirek on Tue, 25 Aug 2020 08:46:58 GMT

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

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

Core
* memset*, memcpy*, memeq*, 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