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Subject: Upp 2008.1rc1 released  
Posted by [unodgs](#) on Thu, 12 Jun 2008 07:17:31 GMT  
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Finally we've reached rc. Changelog since last beta:

GCC updated from 4.3.0 to 4.3.0.20080502  
stable sort was reimplemented; merge-sort implementation was replaced by adaptor to standard Sort  
Stream::GetLine was optimized to be about 2x faster  
formatted stream output is not longer supported (Begin/End)  
Remove(int i, count) was added to Index, VectorMap, ArrayIndex and ArrayMap  
added new RWMutex  
added bool Mutex::TryLock() (Win95/98/ME copatability)  
fixed fatal problem in Linux/MT AtomicInc/AtomicDec  
added new CoWork reference example  
TheIDE can now runs console application in terminal (Linux)  
added "Fixed flags" option in Build methods  
added two new diagnostic flags HEAPDBG, CHECKINIT  
added PROFILEMT flag which activates mutex profiling  
sources fixed not to produce harmless warnings about #pragma "BLITZ\_APPROVE".  
New allocator was implemented (non-locking for in-thread allocations, false sharing - cacheline contention - is no more a problem, faster in single-threaded apps)  
TheIDE builders now recognize SSE2 flag in mainconfig  
added pcx plugin  
BiVector optimized, now about 5x faster  
fixed MySQL to work in 64-bit linux  
Valgrind support in TheIDE  
File selector displays hidden items ant its icons in different color  
Assist, Goto, File selector now respects system font height  
Compiz-related improvement - annoying "black flash" with Compiz active when opening a new window or zooming it was fixed  
U++ now reads text rendering info from GTK  
added "File index" in code editor  
many fixes to GridCtrl