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Subject: 2018.1 "alpha"

Posted by [mirek](#) on Sun, 18 Feb 2018 16:56:43 GMT

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While there are still several issues I expect to be resolved before the release, I am about to declared current nightly build the "alpha of 2018.1".

Here are new features:

Core

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New low-overhead CoWork parallelization method / pattern - Loop

Throughout the Core, many rvalue / universal reference related optimizations

CoPartition optimized to perform the work in calling thread if data size is small

SeedRandom without parameter now reseeds the random with host entropy

Array/Vector new Get/Set methods

plugin/bz2

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Streaming support

Painter

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Co Option to run in parallel

BufferPainter::PreClipDashed

PdfDraw

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PdfDraw: DrawJPEG to directly embed JPEG compressed images into PDF

GUI programming

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In Windows, owned windows now have minimize box disabled (as minimizing of owned windows leads to strange behaviour)

LineEdit::WhenScroll event

TheIDE

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Very long files (>400MB) are now opened for view rather than edit.

Some trivial merge conflict helper tools

IconDes improvements

Esc scripting language now has 'continue' statement