Subject: Re: Building & using U++ without TheIDE
Posted by mirek on Tue, 11 Sep 2007 20:16:32 GMT

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sergei wrote on Mon, 10 September 2007 16:35OK, I still don't understand the purpose of icpps. Some have extra includes, some INITBLOCKS and functions. Wouldn't it be easier to make one global function like InitUpp that would do the registers, and call it in GUI_APP_MAIN?

Keep in mind that this is modular system. The purpose of .icpp is to register modules that are not known at the time when registration procedure is created.

E.g. you can add new image formats, in the form of plugin package, this way and simply adding this new package to your project makes StreamRaster::LoadFileAny aware of this format.

Quote:
I'm working on a static lib project, so empty functions probably don't matter - nothing should be thrown out in static lib.

Sure the do matter. Linker only includes .obj from .lib that are referenced. That is the main and the only difference for .icpp - they are linked as .obj so they are always included.

Quote:
I actually manged to solve the Lng error (or did I?). t.h was missing NAMESPACE_UPP at top and END_UPP_NAMESPACE at bottom.

Means something else is wrong elsewhere: t.h is widely used without this problem.

Quote:
#include <TCtrlLib/TCtrlLib.h> (in Geom/Ctrl/GeomCtrl.h)
#include <TCore/TCore.h> (in Geom/Coords/GeomCoords.h)

You do not seem to listen...

Please, check UWord example in theide first.

If you are so much afraid about starting theide, ok. There are .upp files in all packages and they create a dependency tree. Check what is really needed for GUI application.

Quote:
I removed Geom from project to see if I can continue - then I reached, once again, the INITBLOCK. Assuming I give up modularity, and want to build a single lib containing everything, except from stuff needed only for TheIDE, can I do something about the icpps? I mean, there has to be a nicer solution than using INITBLOCKS in different CPPs so they don't see each other...

Rename to .cpp and insert referencing emty function. Call these in main.

Quote:
P.S. the documentation is incomplete, how can I know what is used for TheIDE and what isn't? UWord uses only a small subset, e.g. Sql, Web, etc. are part of the library but aren't used.

That is correct, but I think you should start with simple. I guess Sql will deserve separate library anyway - in fact, I am not sure how to handle differente RDBMS engines, because many of them require RDBMS clients to be installed. So perhaps each engine will require separate .lib too (but hey, this really is not my problem to solve - we have solved by creating theide, which solves these kinds of problems

Quote:
P.S.2 what do I need to define besides PLATFORM_WIN32? DEBUG? UNICODE?

theide, UWord example, Setup/Verbose, see the commandline...

Mirek