Subject: Re: Universal makefile & UppBuilder
Posted by Didier on Wed, 08 Feb 2012 22:24:55 GMT

Hi Honza,

I'm quite impressed, you went all this way just to enhance UPP build   wow
But managing all the portability issues with the make facilities is a pretty tough shot !

I've been thinking for some while that boost-build is very well adapted to Upp package hierarchy
and it works on WIN/LINUX/BSD/MAC/.... everywhere there is a decent C compiler.

boost-build is a build tool that has it's own syntax (quite simple) and that manages package
dependencies (as in Upp) and it supports many compilers on many OS.
It is written in C ==> if you have a C compiler/linker and you can build it and then use it to build
whatever you wan't ==> you don't depend on presence of make/gmake/imake/xxtools/...whatever.

On big gain is that the same "makefile" works on all platforms !! and that most common
compilation options are available in generic form (optimisations, 32/64 bits, ...)