Subject: How umk is built under windows ?
Posted by Xemuth on Fri, 10 Nov 2023 16:54:11 GMT
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Hello community,

For some reason I need to clone U++ under windows and I want to build umk from scratch. It seems their is no CMake, only Makefile. Am I supposed to use Mingw64 to build umk ?
How current windows release is compiled ?

Thanks in advance

Xemuth

Subject: Re: How umk is built under windows ?
Posted by koldo on Sun, 12 Nov 2023 00:33:16 GMT
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Hi Xemuth

Maybe the simplest way to compile umk is with the copy of umk that you can download from U++ Download web.
Please tell me if you need additional info.

Subject: Re: How umk is built under windows ?
Posted by Klugier on Sun, 12 Nov 2023 17:55:39 GMT
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Hello Xemuth,

Yes, I agree with Koldo. The easiest way is to copy UMK binary for U++ distribtion (.zip file). Alternativly, if you want to build UMK from scratch you can do it directly from TheIDE. Just select uppsrc assembly and then umk. After building it in release mode just copy the binary whenever you want.

Makefile is mostly for Linux. You can for example clone our repository and then run "make" command "make -f umkMakefile.in -j ${NUMBER_OF_CPUS}". We are currently duing it in our CI/CD. Here is the link to the line which is responsible for building UMK from makefile.

Klugier

Subject: Re: How umk is built under windows ?
Posted by Xemuth on Sun, 12 Nov 2023 23:13:00 GMT

Hello Koldo and Klugier,

Yes of course I could use UMK binary downloaded from internet. but I presume you have on your CI/CD a job dedicated to windows, Do this job rely on an existing Umk binary to build TheIDE ? What compilers are used in this job ? I am just wondering if I can just clone src from git and build whatever I want from source by building umk first under windows.

Thanks for your time.
Best regard.

Xemuth

Subject: Re: How umk is built under windows ?
Posted by koldo on Mon, 13 Nov 2023 07:26:08 GMT

Hi Xemuth

In my case I don't do the automatic CI/CD of U++ tools from scratch.
With the previous version of umk, all the tools are compiled and tested.
In this process, after compiling umk, the old one is replaced with the new one.