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Subject: Are there any plans to convert U++ comments to format as DOXYGEN / JAVADOC?

Posted by [sergeynikitin](#) on Sun, 13 Nov 2016 11:51:19 GMT

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Are there are any plans to make saving and reading U++ comments as DOXYGEN / JAVADOC standard?

Like this:

```
/**
 * @brief sum - Make sum
 * @param a - first operand
 * @param b - second operand
 * @return sum of a and b
 */
int sum (int a, int b) {
    return a + b;
}
```

It's may be automatically processed by DOXYGEN and produce result as analytic site with code + comments + dependencies.

<http://www.stack.nl/~dimitri/doxygen/manual/docblocks.html>

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Subject: Re: Are there any plans to convert U++ comments to format as DOXYGEN / JAVADOC?

Posted by [Klugier](#) on Sun, 13 Nov 2016 16:10:59 GMT

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Hello,

I think u++ will never move for current approach called Topic++ to solution like doxygen/javadoc. For me current solution is much better, because you don't need to write this fancy comments in your code. I think for people outside U++ it can be treated as not standard, but it is powerfull tool - probably needs several improvements. Don't take me wrong - T++ has got production status.

I think doxygen can be easily integrated with TheIDE by simply using Esc for scripting. If something is not possible within Esc just export more by improving TheIDE esc integration. I am aware that it will not point to U++ classes, but for your project this integration should be possible. Such script can be easily distributed through bazaar.

Sincerely,  
Klugier

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Subject: Re: Are there any plans to convert U++ comments to format as DOXYGEN / JAVADOC?

Posted by [sergeynikitin](#) on Sun, 13 Nov 2016 22:42:46 GMT

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Klugier wrote on Sun, 13 November 2016 19:10Hello,

I think u++ will never move for current approach called Topic++ to solution like doxygen/javadoc. For me current solution is much better, because you don't need to write this fancy comments in your code. I think for people outside U++ it can be treated as not standard, but it is powerfull tool - probably needs several improvements. Don't take me wrong - T++ has got production status.

Yes! But We create Makefile and others for export project. And our topic++ comments & descriptions must be visible by editor outside from U++ environment.

This may become as stimulation for programmers comment out his code!

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Subject: Re: Are there any plans to convert U++ comments to format as DOXYGEN / JAVADOC?

Posted by [mirek](#) on Fri, 18 Nov 2016 07:30:54 GMT

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sergeynikitin wrote on Sun, 13 November 2016 23:42Klugier wrote on Sun, 13 November 2016 19:10Hello,

I think u++ will never move for current approach called Topic++ to solution like doxygen/javadoc. For me current solution is much better, because you don't need to write this fancy comments in your code. I think for people outside U++ it can be treated as not standard, but it is powerfull tool - probably needs several improvements. Don't take me wrong - T++ has got production status.

Yes! But We create Makefile and others for export project. And our topic++ comments & descriptions must be visible by editor outside from U++ environment.

They are online, aren't they?

That said, I can imagine T++ -> doxygen export, but would have to be done by "Documentation at other places" (<http://www.stack.nl/~dimitri/doxygen/manual/docblocks.html>)

All that said, over years I have considered and rejected doxygen comments several times, generally because:

- \* it would bloat header files - I rather like to see inline method list 'uninterrupted'

- \* with T++, I can have single description of multiple related methods easily, like: [http://www.ultimatepp.org/src\\$Core\\$CoWork\\$en-us.html](http://www.ultimatepp.org/src$Core$CoWork$en-us.html).

\* with T++, I have full power of richtext at hand - can add images, tables etc... easily

One disadvantage of T++ is that it would be hard to change formatting. E.g. parameter names in description will now have to stay red forever...

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Subject: Re: Are there any plans to convert U++ comments to format as DOXYGEN / JAVADOC?

Posted by [sergeynikitin](#) on Fri, 18 Nov 2016 07:54:54 GMT

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Hello!.

Main feature is ability to automatically generate html-portal of documented sources with graphical show dependences (or calls, or use variables, or ...) like this <http://xerces.apache.org/xerces-c/apiDocs-3/classDefaultHandler.htm> | It can show diagrams of links in UML class diagrams language.

Currently there are no tools graphical display of the relationships between modules and classes in U++.

This whole portal (the link) works using JS, and has full functionality even on the local computer.

To build simply run the command doxygen. This command will build a portal of that type, and LaTeX documentation and the man pages files (relevant only for Linux). (Full list of formats [here](#)).

In the project configuration we define which formats to generate.

Doxygen can also automatically analyze and library functions.

Some time ago I pointed out Doxygen for the analysis of the program sources of Theide. Its very useful.

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Subject: Re: Are there any plans to convert U++ comments to format as DOXYGEN / JAVADOC?

Posted by [mirek](#) on Fri, 18 Nov 2016 08:48:38 GMT

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You know, it is not like I do not know what doxygen is...

So by all means, if you have time, T++ -> doxygen would be a nice addition. I guesstimate it would take about 40 hours to develop.

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Subject: Re: Are there any plans to convert U++ comments to format as DOXYGEN / JAVADOC?

Posted by [sergeynikitin](#) on Thu, 24 Nov 2016 00:52:25 GMT

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Can you say where can I see current format of T++ documentation (best place)?

I'll try to write this addition December or after NY.

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Subject: Re: Are there any plans to convert U++ comments to format as DOXYGEN / JAVADOC?

Posted by [mirek](#) on Thu, 24 Nov 2016 12:40:30 GMT

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I would say you can take most from T++ topics itself (it is really simple).

In the code, you can start with `void AssistEditor::SyncAnnotationPopup`.

Mirek

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