Subject: Documentation how-to...
Posted by mirek on Fri, 22 Aug 2008 11:45:05 GMT
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Well, I think we need to clear several issues concerning documentation contributions...

First of all, you are supposed to work with three "T++ groups"

src - this group is dedicated to *REFERENCE* documentation. Topics there should be linked with the code

srcdoc - this is intended for tutorials, explanations etc...

srcimp - this is to describe implementation of things

Now, these groups are always hosted in some package and they are ".tpp" subdirs.

On infraserver there is crond script that lists the whole tree and grants write access to all directories ending with .tpp.

Note that it is not possible to create a generic pattern in authorization file for this.

One nasty implication is that you CANNOT create .tpp directories. Sorry, we do not know how to do that.

So from the practical standpoint: If you want to add e.g. SQL tutorial, you will add this (most likely) to "Sql" package as "srcdoc" group. If there is no .tpp directory yet in svn, you will get authorization error. In that case please just ask in the forum for directory to be created (I know, this is a bit stupid).

Mirek

Subject: Re: Documentation how-to...
Posted by captainc on Fri, 22 Aug 2008 11:54:23 GMT
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Please create all src, srcdoc, srcimp folders in 'Sql', 'Web', and 'Web/SSL' packages.

Subject: Re: Documentation how-to...
Posted by mirek on Wed, 27 Aug 2008 08:49:01 GMT
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Thanks for the first contribution, captainc It seem the process has finally begun....

Small notes:

- make sure you have a title, otherwise it looks bad in Help browser. The title is the first editfield at the top of toolbar. (I have added titles for contributed topics already).

- this code

```
while(sql.Fetch()){

    Cout() << Format("Row: %s %s %s \n", \

        AsString(sql[NAME]), \

        AsString(sql[BIRTH_DATE]), \

        AsString(sql[NUM_CHILDREN]));

}
```

can be also written as

```
while(sql.Fetch()){

    Cout() << "Row: " << sql[NAME]
        << ' ' << sql[BIRTH_DATE]
        << ' ' << sql[NUM_CHILDREN] << '\n';

}
```

(not sure what form in this article is better...)

Mirek

Subject: Re: Documentation how-to...
Posted by captainc on Wed, 27 Aug 2008 16:43:48 GMT
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No problem, more to come soon. Good job on the automatic updating of the site too. One thing I think would be really useful is web interface like the one from gotapi.com where you have the tree-view list on the left with a search and the documentation in the main content area. It allows for easy navigation.

Quote:(not sure what form in this article is better...)
Hmm, good question. I wrote it that way to be a little more verbose and show off some of the other

functions available. The implicit way may be better for beginners though; it is definitely simpler to read. I could try to link to the proper documentation for Format, and I guess I should at least explain why they would use AsString; beginners may not understand the Value type.

Subject: Re: Documentation how-to...
Posted by mirek on Wed, 27 Aug 2008 21:51:07 GMT
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captainc wrote on Wed, 27 August 2008 12:43No problem, more to come soon. Good job on the automatic updating of the site too. One thing I think would be really useful is web interface like the one from gotapi.com where you have the tree-view list on the left with a search and the documentation in the main content area. It allows for easy navigation.

Well, uppbox/uppwww is all yours

Mirek

Subject: Re: Documentation how-to...
Posted by cbpporter on Thu, 04 Sep 2008 08:32:34 GMT
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I decided to sit down and write a documentation page to see how hard it is and how Topic++ could be improved.

So actually writing the content is not that hard, but formatting the page is. It takes a lot more time when compared to filling in the content.

First some issues:
1. The text in Topic++ is too large. Just in the editor. When previewing the page, it is rendered with the normal size for the font that was given.
2. When I insert a table and drag it's left side a little to the left in the editor, in the preview mode the table position and size is all wrong.
3. Copy pasting from Topic++ to OpenOffice inserts some extra characters. I guess it is because of hidden formating fields or something.

Also some interface issues:
4. Insert table does not remember your previous options. I am not going to insert 10 different types of tables in a documentation page because of consistency. So if the default is not good, I have to change the options for each table.
5. Neither does Query nor Hyperlink remember my last position.
6. Inserting a function definition with Query kills my paragraph indent.
7. Inserting a function definition with Query will add String with ::String hyperlink, which points

nowhere. Changing it is hard because you have to navigate to Core/src/String for every item.

And of course:
8. I know this came up before, but "src" and "srcdoc" have got to go. Why not rename them to "Reference" and "Manual" or something. Also, if you really want to keep these cryptic names, at least use capital letters. In a tree list there is nothing more unaesthetic that having a lower case leaf between full English text leaves, i.e. "Used Packages/Core/srcdoc/Doing some neat stuff".
9. And these 3 categories are not necessarily the best ones. The example of a possible documentation page that I attached does not fit that well in src, because it is just a bunch of functions with the title of the page and their logical connection the only thing that links them together. It does not fit in srcdoc, because it more like a reference.

Also, after creating this page, I though about a different layout. But manually changing it is tedious. A way to change stuff like CSS is used for web pages would simplify thing a lot. Maybe some tables with interchangeable styles.

Here is a test documentation page. It is not complete and uses some weird colors for headers. It is just a test. But we should settle on the style of a documentation page.

Edit: removed old attachment.

Subject: Re: Documentation how-to...
Posted by mirek on Thu, 04 Sep 2008 11:25:42 GMT
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I will try to fix these issues asap, anyway, here are some hints for now:

cbpporter wrote on Thu, 04 September 2008 04:32
1. The text in Topic++ is too large. Just in the editor. When previewing the page, it is rendered with the normal size for the font that was given.

You can make it smaller but making the view less wide. Klick on "tool" icon on the right side of ruler.

Quote:
2. When I insert a table and drag it's left side a little to the left in the editor, in the preview mode the table position and size is all wrong.

Well, there is a sort of problem as the editor works in "page" mode (reflecting actual page is it would be printed), while help browser works in "fit mode" (basically rescaling page down to pixels and then use current view as "page").

I guess it needs some more thinking and work...

Quote:

3. Copy pasting from Topic++ to OpenOffice inserts some extra characters. I guess it is because of hidden formating fields or something.

Here I would need more details. Host platform info and some text that does this at least

Quote:
7. Inserting a function definition with Query will add String with ::String hyperlink, which points nowhere. Changing it is hard because you have to navigate to Core/src/String for every item.

Just a hint: You can insert more than single method - use shift+click.

Quote:
8. I know this came up before, but "src" and "srcdoc" have got to go. Why not rename them to "Reference" and "Manual" or something. Also, if you really want to keep these cryptic names, at least use capital letters. In a tree list there is nothing more unaesthetic that having a lower case leaf between full English text leaves, i.e. "Used Packages/Core/srcdoc/Doing some neat stuff".

Well, IMO, it would be nice if it is single C++ identifier (I can imagine that it somewhat reflects during .tpp inclusion in the future).

Other that, Reference and Manual (and Implementation?) sounds good. appdoc - Resources? (Well, in this case there will be some fixing of code, but I am gona sacrifice it).

Quote:
9. And these 3 categories are not necessarily the best ones. The example of a possible documentation page that I attached does not fit that well in src, because it is just a bunch of functions with the title of the page and their logical connection the only thing that links them together.

IMO, enclosed document is obvious case of src "Reference".

Quote:
Also, after creating this page, I though about a different layout. But manually changing it is tedious. A way to change stuff like CSS is used for web pages would simplify thing a lot. Maybe some tables with interchangeable styles.

Well, there are paragraph styles and stylesheets. Plus, stylesheets can be reapplied to whole groups.

Personally, I would stay with the simple style presented in Core/src/algo (and others). Besides, this is the format I will expect in future T++ enhancements.

Note: Your .tpp is old format. This is only a little problem, conversion is automatic, but still, it would

be better to create docs in freshly compiled ide

Mirek

Subject: Re: Documentation how-to...
Posted by cbpporter on Thu, 04 Sep 2008 12:00:49 GMT
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luzr wrote on Thu, 04 September 2008 14:25
You can make it smaller but making the view less wide. Klick on "tool" icon on the right side of ruler.

Oops, I didn't notice that it had zoom . Good to know and nice feature. But I noticed that zoom dialog does not have an option to use "real" size, only proportional. Could this be added in the future (also useful for a very imprecise print preview).

Quote:
Well, there is a sort of problem as the editor works in "page" mode (reflecting actual page is it would be printed), while help browser works in "fit mode" (basically rescaling page down to pixels and then use current view as "page").

I guess it needs some more thinking and work...

I'll just avoid scaling tables until a solution comes up.

Quote:
Here I would need more details. Host platform info and some text that does this at least

U++ 2008.1, openSuse, rpm install, text is the one I attached, copied directly from "editor" mode.

Quote:
Just a hint: You can insert more than single method - use shift+click.

I'm aware of that. I still have to manually change the hyperlink of all classes.

Quote:
Other that, Reference and Manual (and Implementation?) sounds good. appdoc - Resources? (Well, in this case there will be some fixing of code, but I am gona sacrifice it).

Yes, these names sound good and are English.

Quote:
Personally, I would stay with the simple style presented in Core/src/algo (and others). Besides, this is the format I will expect in future T++ enhancements.

I'll try to mimic better that style. Still, I would like to use indentation and colored headers plus a

---

small description on al pages, with either class hierarchy for class References, or location with bunch of functions,to make the text more easy on the eye, to give it structure and make it more manual find friendly. I'll post later an updated .tpp with changed style which also tries to use more predefined styles.

Quote:
Note: Your .tpp is old format. This is only a little problem, conversion is automatic, but still, it would be better to create docs in freshly compiled ide

Well, since this documentation was mean to be included after styling issues have been settled on, I wanted to have a stable base so I used the 2008.1 rpm. This is what I got. Should I build a new ide from svn?

Subject: Re: Documentation how-to...
Posted by cbpporter on Thu, 04 Sep 2008 12:43:29 GMT
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Here is an updated file which uses you styles as much as possible. Not sure about the tables, but better than just a simple enumeration.

New issues:
1. After selecting "param" style for my params (which sometimes I have to do more than once), I get a varying size of the dots that make out that doted big tab character that separates the parameter name from it's description.
2. Setting an "after" space in points for a table causes again huge misalignments. I guess it is related to other table issue.
3. How can I enable spell checking. Do I need a dictionary or something?

```
File Attachments
1) AppEnv$en-us.tpp, downloaded 722 times
```

Subject: Re: Documentation how-to...
Posted by mr_ped on Thu, 04 Sep 2008 13:29:15 GMT
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Quote:Well, since this documentation was mean to be included after styling issues have been settled on, I wanted to have a stable base so I used the 2008.1 rpm. This is what I got. Should I build a new ide from svn?

So 2008.1 is already obsolete? And there's no more release planned for 2008?
Mirek: I think some fast (ahead of xmess) 2008.2 would be good in such case.. what about taking 2008.1, fixing just the T++ stuff, and releasing 2008.2? Oh, the C++ parser ruins that.
Very unlucky status.

Subject: Re: Documentation how-to...
Posted by cbpporter on Thu, 04 Sep 2008 19:51:32 GMT

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OK, I find Topic++ barely usable. You can't hit backspace without destroying the previous paragraphs formating. When copy & pasting multiple paragraphs, it sometime forgets the style of some of them, or it does not forget it but does not render it correctly and I have to change the style to something else and back. And forget about doing this for and "item" (those links to function declarations) because you get a dangling item out of it. And forget about copy pasting or cut pasting items. Most of the time I'm left with a grayed out function definition, other times if I click query I see that my function has 2-3 references, even though it is no longer contained anywhere. Right now I'm stuck with most counters set to 2, even though most of the functions are no longer there.

Table properties list tho color pickers with the label "color". Also you can't choose a border color for an individual cell. In "view" mode there are buttons without tooltips. And why can't I select anything out of a table in view mode. And other minor stuff I have forgotten.

I guess I'll have to wait for some of Topic++'s issues to be fixed. But when that happens I'll document all the functions and classes from Core that are not in any of groups (groups like Container, Concretes, Other Files, etc.).

Subject: Re: Documentation how-to...
Posted by mirek on Thu, 04 Sep 2008 20:00:42 GMT

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cbpporter wrote on Thu, 04 September 2008 08:00luzr wrote on Thu, 04 September 2008 14:25
You can make it smaller but making the view less wide. Klick on "tool" icon on the right side of ruler.

Oops, I didn't notice that it had zoom . Good to know and nice feature. But I noticed that zoom dialog does not have an option to use "real" size, only proportional. Could this be added in the future (also useful for a very imprecise print preview).

Sigh... What is the "real size"?

Quote:
Quote:
Personally, I would stay with the simple style presented in Core/src/algo (and others). Besides, this is the format I will expect in future T++ enhancements.

I'll try to mimic better that style.

You do not have to try hard, that style is produced by T++

Quote:
Still, I would like to use indentation and colored headers plus a small description on al pages, with either class hierarchy for class References, or location with bunch of functions,to make the text more easy on the eye, to give it structure and make it more manual find friendly.

Anything unrelated to actual code links (I mean, method/description/parameters) is definitely possible.

I'll post later an updated .tpp with changed style which also tries to use more predefined styles.

Quote:
Well, since this documentation was mean to be included after styling issues have been settled on, I wanted to have a stable base so I used the 2008.1 rpm. This is what I got. Should I build a new ide from svn?

Yes.

Anyway, I have also found that for some mysterious reasons, links back to the code are now missing in existing T++.

I shall investigate soon.

Mirek

Subject: Re: Documentation how-to...
Posted by mirek on Thu, 04 Sep 2008 20:04:09 GMT
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cbpporter wrote on Thu, 04 September 2008 15:51You can't hit backspace without destroying the previous paragraphs formating.

Just like in most word-processors. Hitting backspace concatenates paragraphs, means you have to decide the style of result. It is logical that the style of paragraph you are in is chosen.

Quote:
 When copy & pasting multiple paragraphs, it sometime forgets the style of some of them, or it does not forget it but does not render it correctly and I have to change the style to something else

you get a dangling item out of it. And forget about copy pasting or cut pasting items. Most of the time I'm left with a grayed out function definition, other times if I click query I see that my function has 2-3 references, even though it is no longer contained anywhere. Right now I'm stuck with most counters set to 2, even though most of the functions are no longer there.

Table properties list tho color pickers with the label "color". Also you can't choose a border color

for an individual cell. In "view" mode there are buttons without tooltips. And why can't I select anything out of a table in view mode. And other minor stuff I have forgotten.

I guess I'll have to wait for some of Topic++'s issues to be fixed. But when that happens I'll document all the functions and classes from Core that are not in any of groups (groups like Container, Concretes, Other Files, etc.).

Well, definitely looks like some work to do

Mirek

Subject: Re: Documentation how-to...
Posted by cbpporter on Thu, 04 Sep 2008 20:15:22 GMT
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Quote:
Just like in most word-processors. Hitting backspace concatenates paragraphs, means you have to decide the style of result. It is logical that the style of paragraph you are in is chosen.

Yes, sure, merging is OK. But not when my current paragraph is empty. If I have and extra new line, I have to go one line up and hit delete to not cause the merge of my current empty paragraph with one full of text.

Quote:
Sigh... What is the "real size"?

Well, in editor mode, it would be nice to be able to define a paper size.

Subject: Re: Documentation how-to...
Posted by captainc on Thu, 04 Sep 2008 20:20:40 GMT
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Write it in open office and post it here. I'll format it and upload to svn. We just need to get the stuff written down; we cannot wait till T++ is perfect.

Subject: Re: Documentation how-to...
Posted by cbpporter on Thu, 04 Sep 2008 20:59:21 GMT
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captainc wrote on Thu, 04 September 2008 23:20Write it in open office and post it here. I'll format it and upload to svn. We just need to get the stuff written down; we cannot wait till T++ is perfect.
I might just do that for now, but I wouldn't want to have someone do the hard work, when the computer is perfectly capable of doing it (or it will be someday).

So I thought that for starters we should settle on a style. I posted 3 different styles. Such styling should definitely be handled one day by Topic++ without me going in and editing the file. First style is the classic one, used in documentation. The second is something more like I would like to have, but there is still a lot of tweaking. This style maybe should be updated to the JavaDoc style. I like this style and with slight tweaks could be made more C++ friendly. Third is a variant of two.

These are just samples. If anybody has any great ideas, please post a mock-up. But I think that the classical flat style, with a bunch of text just thrown at you must go.

```
File Attachments
1) 01.pdf, downloaded 616 times
```

Subject: Re: Documentation how-to...
Posted by cbpporter on Thu, 04 Sep 2008 21:00:37 GMT
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```
File Attachments
1) 02.pdf, downloaded 690 times
```

Subject: Re: Documentation how-to...
Posted by cbpporter on Thu, 04 Sep 2008 21:02:03 GMT
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```
File Attachments
1) 03.pdf, downloaded 699 times
```

Subject: Re: Documentation how-to...
Posted by mirek on Thu, 04 Sep 2008 22:35:33 GMT
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cbpporter wrote on Thu, 04 September 2008 16:15Quote:
Just like in most word-processors. Hitting backspace concatenates paragraphs, means you have to decide the style of result. It is logical that the style of paragraph you are in is chosen.

Yes, sure, merging is OK. But not when my current paragraph is empty.

Could be a good point. I will check with openoffice and if it behaves this way, I can adopt RichEdit too...

Mirek

Subject: Re: Documentation how-to...
Posted by captainc on Thu, 04 Sep 2008 23:32:24 GMT
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I'm a fan of 03.pdf. I like how the colors separate the sections. I don't like the borders around everything in 02.pdf though.

Subject: Re: Documentation how-to...
Posted by mirek on Fri, 05 Sep 2008 08:06:04 GMT
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captainc wrote on Thu, 04 September 2008 19:32I'm a fan of 03.pdf.

Same here Looks like I have to add horizontal rulers to the RichText ?

Anyway, from practical standpoint, I have to repeat that for the future, we absolutely need semi-fixed structure there, so that we can display according documentation in class browser etc...

Mirek

Subject: Re: Documentation how-to...
Posted by cbpporter on Fri, 05 Sep 2008 11:32:58 GMT
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luzr wrote on Fri, 05 September 2008 11:06
Same here Looks like I have to add horizontal rulers to the RichText ?

I guess it is easier than upgrading the tabling possibilities of RichEdit.

Quote:
Anyway, from practical standpoint, I have to repeat that for the future, we absolutely need semi-fixed structure there, so that we can display according documentation in class browser etc...

I'm not sure that I understand what you mean.

OK, so the documentation process isn't of to a great start, but it is still a start.

I feel that for better results, we need to have a (better) plan. I'm still busy as I announced earlier so I can't really sit down and code (maybe for very small things). But I can sit down and document. So I'll try to produce 3 documentation pages in the next week. I'll write them in open office, without any special formating, and wait for us to decide on the style. When Topic++ is a little bit more

---

stable with the function references, we should start moving the pages to Topic++. It won't be that fun, but will go quite fast.

It would be also great if possible other volunteers that are willing to document something would say so in this thread.

My first targets are: the stuff in Defs.h and Cpu.cpp for one. Not that much work and a little help on this part maybe would clear up some confusion regarding endianess. A question here: wouldn't this be a good time to clean up Defs.h a little. There are some useful macros, but also a lot of macros which could be implemented as inlines, like MAKEWORD.

Another target is Lang. I saw a fair number of question related to how one set's the application language and related. But here I can't shake the feeling that Lang is in need of major clean-up and refactoring.
VectorMap<String, String> GetLanguage(int lang);//rename...
Rename indeed. Other stuff is commented with deprecated.

Also, judging by the way functions and LanguageInfo is implemented, I really don't see the sense of a function like:
String GetLangName(int language)
{
 return GetLanguageInfo(language).english_name;
}

It should be IMO:

LanguageInfo(language).GetName();

or at least:

GetLangInfo(language).GetName();

The question is if it is worth documenting such stuff right now, or is better to wait a little and clean up some stuff? As I said, time is a little scarce for me right now, but I could replace that time that I allocated for doc writing with refactoring time. And we could move all the deprecated function in a separate .h and gradually phase them out. Such functions that are deprecated and grouped together will eventually get so out of sync with the rest of the code base, that at a release we'll choose just to drop those files. By then everybody should have had ample time to adapt to the new API.

Subject: Re: Documentation how-to...
Posted by mirek on Fri, 05 Sep 2008 12:17:21 GMT
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[quote title=cbpporter wrote on Fri, 05 September 2008 07:32]luzr wrote on Fri, 05 September 2008 11:06

Same here Looks like I have to add horizontal rulers to the RichText ?

I guess it is easier than upgrading the tabling possibilities of RichEdit.

Quote:
Anyway, from practical standpoint, I have to repeat that for the future, we absolutely need semi-fixed structure there, so that we can display according documentation in class browser etc...

I'm not sure that I understand what you mean.

[quote]

Actually, the .pdf you have posted all qualify...

The point is: The method documentation shall start with paragraph of its declaration, which should have "label" to connect it to the code. Then should be a paragraph with description of method and list of parameters.

Quote:
I'll write them in open office, without any special formating, and wait for us to decide on the style.

It would be a lot of work to put code labels back, I am afraid.

Anyway, I hope to fix some problems during weekend. Next week I plan a bigger assault on the problem.

.

Quote:
Another target is Lang. I saw a fair number of question related to how one set's the application language and related. But here I can't shake the feeling that Lang is in need of major clean-up and refactoring.

Yes! Alternatively, I will post you parts that are "final".

Quote:
Also, judging by the way functions and LanguageInfo is

LanguageInfo is not

Mirek

Subject: Re: Documentation how-to...

Posted by cbpporter on Fri, 05 Sep 2008 12:20:58 GMT
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Quote:LanguageInfo is not
Is not what?

Subject: Re: Documentation how-to...
Posted by mr_ped on Fri, 05 Sep 2008 13:10:08 GMT
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03.pdf looks best to me, although a mix 01 vs 03 would be maybe interesting for me too... 02 has too many graphical things to distract from the content itself.

Subject: Re: Documentation how-to...
Posted by captainc on Fri, 05 Sep 2008 13:47:47 GMT
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Quote:A way to change stuff like CSS is used for web pages would simplify thing a lot. Maybe some tables with interchangeable styles.
I'm just throwing ideas out, but you got me thinking about this now.
If code documentation is exported as XML, all we would need to do is use a stylesheet to either display the information locally or on the web. We could also leave it up to others who know css well to design different interfaces. Also, tools like doxygen output in XML. We may be able to leverage that fact, just like a program called Dox has (http://dox.narechk.net/index_en.html) or Natural Docs (http://www.naturaldocs.org/). Either that, or give T++ functionality to be a minimal WYSIWYG html editor? We could look at Amaya's code or even the better javascript based WYSIWYG editors.
Oh yeah, and I've used this successfully before too:
http://www.doxys.dk/doxys_homepage/index.html
Anyway, just ideas that come to mind...

Subject: Re: Documentation how-to...
Posted by cbpporter on Fri, 05 Sep 2008 14:52:41 GMT
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I must confess that I find Dox style quite fetching and extremely easy to read. It is quite similar to style number 3, which seems to be the winner here, but the colors are more fitting.

Try and browse a little some pages Here. I also attached a quick mock-up of the style.

The real challenge is going to be to get topic to do that.

Subject: Re: Documentation how-to...
Posted by captainc on Fri, 05 Sep 2008 15:15:31 GMT
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cbpporter, Can you upload your Upp styles?

Edit: Oh wait, these are OpenOffice right?

Subject: Re: Documentation how-to...
Posted by cbpporter on Fri, 05 Sep 2008 16:11:02 GMT
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captainc wrote on Fri, 05 September 2008 18:15cbpporter, Can you upload your Upp styles?

Edit: Oh wait, these are OpenOffice right?
I'll try to reproduce the style in Topic.

Subject: Re: Documentation how-to...
Posted by cbpporter on Fri, 05 Sep 2008 18:29:22 GMT
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This was the best I could come up with.

I was very careful not to do something to upset Topic++, and the conclusion is that it can be used (with care) even now to create the docs. Just a lot harder than it should be.

Also, I'm starting to have doubts in Qtf as a good format for large texts.

Anyway, it would be great help if we could enhance Topic++ to do the following: user creates a new documentation page, browses to some definitions and inserts them. A full template corresponding to out chosen style is generated and all all there is left to do is to fill in the description texts. Also, don't insert two spaces where one needs to insert text, because it is very annoying to delete them. And set proper style for parameters, together with the tab character (and again, no two spaces).

Subject: Re: Documentation how-to...
Posted by mirek on Fri, 05 Sep 2008 18:35:06 GMT
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cbpporter wrote on Fri, 05 September 2008 14:29
A full template corresponding to out chosen style is generated

Should not there be just one style?

Mirek

Subject: Re: Documentation how-to...
Posted by cbpporter on Fri, 05 Sep 2008 18:37:38 GMT
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Sure.

Subject: Re: Documentation how-to...
Posted by mirek on Fri, 05 Sep 2008 18:53:13 GMT
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cbpporter wrote on Fri, 05 September 2008 14:29
I was very careful not to do something to upset Topic++, and the conclusion is that it can be used (with care) even now to create the docs.

Quote:
Anyway, it would be great help if we could enhance Topic++ to do the following: user creates a new documentation page, browses to some definitions and inserts them. A full template corresponding to out chosen style is generated and all all there is left to do is to fill in the description texts.

If I remember well, that is what it does now (?). Except those two spaces, of course.

Quote:
Also, don't insert two spaces where one needs to insert text, because it is very annoying to delete them.

Ops, two spaces was temporary workaround that just stayed there for too long....

Quote:
And set proper style for parameters, together with the tab character (and again, no two spaces).

Again, what should be different? (except the spaces).

Mirek

Subject: Re: Documentation how-to...
Posted by cbpporter on Fri, 05 Sep 2008 18:59:40 GMT
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luzr wrote on Fri, 05 September 2008 21:53
If I remember well, that is what it does now (?). Except those two spaces, of course.

Almost. I still need to get in, insert some newlines, change some fonts, etc. I would like to have a perfect template, with no housekeeping, just writing or copy pasting descriptions. Right now I spend more time adjusting formats, even when using the style drop down, which even gets it wrong often.

Quote:
Again, what should be different? (except the spaces).

The formating perfect and the tab preinserted. Right now I have to delete the spaces, press tab, and often have to switch to "default" style and then back to "item" so that my tab is picked up and formated correctly.

Subject: Re: Documentation how-to...
Posted by captainc on Fri, 05 Sep 2008 18:59:47 GMT
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I added some socket documentation to the Web package in srcdoc. I may have to clean it up though to make the distinction between other parts of the web package (http, smtp, auth, etc.).

Subject: Re: Documentation how-to...
Posted by cbpporter on Sat, 06 Sep 2008 19:05:25 GMT
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Documentation for Size_. Friend methods an OS dependent stuff not covered.

File Attachments
1) Size$en-us.tpp, downloaded 595 times

Subject: Re: Documentation how-to...
Posted by mirek on Sat, 06 Sep 2008 19:17:49 GMT

cbpporter wrote on Sat, 06 September 2008 15:05Documentation for Size_. Friend methods an OS dependent stuff not covered.

Ehm, I guess you are missing svn access to commit docs...

Something to fix.

Mirek

Subject: Re: Documentation how-to...
Posted by mirek on Sun, 07 Sep 2008 06:59:06 GMT

cbpporter wrote on Sat, 06 September 2008 15:05Documentation for Size_. Friend methods an OS dependent stuff not covered.

Well, it seems like we are picking some steam now

Style discussion:

Creates a Size_ object and initializes it with a Point object.
pt.......the point object

Well, maybe the separate list of parameters is not really needed, especially if parameter names are there with different color. You use the same style in other methods:

Size_(const Point_<T>& pt)
Creates a Size_ object and initializes it with a Point object *pt*.

(besides, I would not call pt the object, but "Point value" or just "Point"

Mirek

Subject: Re: Documentation how-to...
Posted by mirek on Sun, 07 Sep 2008 07:00:59 GMT

PS.: Interesting way how to achieve horizontal ruler

Subject: Re: Documentation how-to...
Posted by cbpporter on Sun, 07 Sep 2008 07:20:50 GMT

luzr wrote on Sun, 07 September 2008 09:59
Well, it seems like we are picking some steam now

Yes! I'll document the pages that I promised now, and I'll do more when Topic++ becomes better. captainc is doing great with Sql and Web. Little by little we'll get there. Maybe you could do MT one day? I'm not touching that one .

Quote:
Well, maybe the separate list of parameters is not really needed, especially if parameter names are there with different color. You use the same style in other methods:

It is harder to document such a straight forward class than a complicated one. It's harder to expree in words the obvious. I was trying to decide between being consistent and concise. But I guess it's okay to skip parameter list with such simple cases, and only use them when really needed.

Quote:
PS.: Interesting way how to achieve horizontal ruler

Yeah, it is a good stand-in, but will replace with proper HR when available. And I have no idea how it behaves when exported as html.

Subject: Re: Documentation how-to...
Posted by mirek on Sun, 07 Sep 2008 08:00:33 GMT

cbpporter wrote on Sun, 07 September 2008 03:20Yeah, it is a good stand-in, but will replace with proper HR when available. And I have no idea how it behaves when exported as html.

You can always check in 24 hours (website gets regenerated each night based on current svn).

In fact, it is a good idea to check whether docs made it there - if not, something is wrong with the server....

Mirek

Subject: Re: Documentation how-to...
Posted by mirek on Sun, 07 Sep 2008 08:06:17 GMT

luzr wrote on Sun, 07 September 2008 04:00
In fact, it is a good idea to check whether docs made it there - if not, something is wrong with the server....

...and that is what happened now

Mirek

Subject: Re: Documentation how-to...
Posted by mirek on Sun, 07 Sep 2008 08:13:50 GMT
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Well, here:

http://www.ultimatepp.org/src$Core$Size$en-us.html

it is ignored, which is, at this moment, good thing...

Mirek

Subject: Re: Documentation how-to...
Posted by mirek on Sun, 07 Sep 2008 11:38:51 GMT
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luzr wrote on Thu, 04 September 2008 18:35cbpporter wrote on Thu, 04 September 2008 16:15Quote:
Just like in most word-processors. Hitting backspace concatenates paragraphs, means you have to decide the style of result. It is logical that the style of paragraph you are in is chosen.

Yes, sure, merging is OK. But not when my current paragraph is empty.

Could be a good point. I will check with openoffice and if it behaves this way, I can adopt RichEdit too...

Mirek

OK, OpenOffice seems to use the style of first paragraph in ALL cases (no difference between Delete at the end of line and Backspace at the beginning of other).

That of course is the simplest solution. I will comment current more complex logic out and we will see if it is any better

Mirek

Subject: Re: Documentation how-to...
Posted by mirek on Sun, 07 Sep 2008 11:51:28 GMT

luzr wrote on Sun, 07 September 2008 07:38
OK, OpenOffice seems to use the style of first paragraph in ALL cases (no difference between Delete at the end of line and Backspace at the beginning of other).

Done...

Mirek

Subject: Re: Documentation how-to...
Posted by cbpporter on Tue, 09 Sep 2008 03:10:02 GMT

I updated Size_ documentation friend functions, used more concise parameter description and minor style improvements. I consider it pretty much done, except for typos maybe and HR when it is implemented.

Good news is that Point is going to be quick based on this .

I have two suggestion though:
1. Eliminate all the OS specific, more precisely WinAPI specific members from the interface. You can define a WinLONGToSize in another OS specific header an include it only when needed and only in .cpp files.
2. This is not that important, but since such types are so self-contained, it would be an idea to place them in their own file together with any helper function if available.

PS: captainc: after your last fix you updated documentation with the old compressed format. We should settle on the new if this is the intent.

Subject: Re: Documentation how-to...
Posted by captainc on Tue, 09 Sep 2008 11:10:58 GMT

Quote:PS: captainc: after your last fix you updated documentation with the old compressed format. We should settle on the new if this is the intent.
Using U++ SVN 324 build, some documentation in T++ had the topic header blank and the topic at the start of the body. I will build the latest ide svn executable and use that.

Subject: Re: Documentation how-to...
Posted by mirek on Tue, 09 Sep 2008 11:37:57 GMT
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cbpporter wrote on Mon, 08 September 2008 23:10
I have two suggestion though:
1. Eliminate all the OS specific, more precisely WinAPI specific members from the interface. You can define a WinLONGToSize in another OS specific header an include it only when needed and only in .cpp files.

Sometimes it is OK, but sometimes it is just too complicated.

But I will think about it anyway.

Note that in documentation, this should be noted similar to "preconditions" of container methods.

Mirek

Subject: Re: Documentation how-to...
Posted by cbpporter on Wed, 10 Sep 2008 03:34:33 GMT
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Point_ doc added.

Subject: Re: Documentation how-to...
Posted by cbpporter on Thu, 18 Sep 2008 03:06:44 GMT
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I tried to finish one of the doc pages today, and I must say that either I have become to used to it, or Topic++ is finally starting to be productive enough. I left all styled on default.

There is still one major annoyance: the Query window keeps forgetting it's content. In the past it did it only once in a while, but Today, I had to manually select the desired context for every single definition.

Subject: Re: Documentation how-to...
Posted by mirek on Thu, 18 Sep 2008 16:28:29 GMT
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cbpporter wrote on Wed, 17 September 2008 23:06I tried to finish one of the doc pages today, and I must say that either I have become to used to it, or Topic++ is finally starting to be productive enough. I left all styled on default.

There is still one major annoyance: the Query window keeps forgetting it's content. In the past it did it only once in a while, but Today, I had to manually select the desired context for every single definition.

Query is to get major refactoring soon...

Hopefuly, I am now getting to implementing that killer feature I was dreaming about for years... (T++ references in left bar while editing the code).

Mirek

Subject: Re: Documentation how-to...
Posted by mirek on Sun, 21 Sep 2008 07:46:56 GMT
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cbpporter wrote on Wed, 17 September 2008 23:06I tried to finish one of the doc pages today, and I must say that either I have become to used to it, or Topic++ is finally starting to be productive enough. I left all styled on default.

Does it mean we can consider current styling final?

Quote:
There is still one major annoyance: the Query window keeps forgetting it's content. In the past it did it only once in a while, but Today, I had to manually select the desired context for every single definition.

BTW, why haven't you inserted everything at once (using multiselect).

Mirek

Subject: Re: Documentation how-to...
Posted by cbpporter on Sun, 21 Sep 2008 08:07:06 GMT
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I guess we can consider it final. Any change at this moment will be IMO a minor one and current is pretty enough and also readable.

I haven't inserted everything at once because I just needed to reinsert some items because of style change, without loosing all the other inserted text. Anyway, that dialog should remember it's context.

One more thing: I think we should have a button that when clicked searches the current selection for paragraphs with code labels and reinserts them, to cope with future style changes. Not a big thing.

I haven't finished math until doc yet because I was waiting for the browser, but I'll finish it now even if the browser is not perfect and commit it.

Also, I would like to help by formating some existing documented pages, because most of them are not labeled. Once we have all the current doc reformatted and labeled, plus at least my 4 doc pages and the sql doc pages and the code browser with doc support, I think we should consider a dev release. Together with the parser enhancements I could make quite an attractive package.

And starting with Monday, my coding "interdiction" is finished, so I can get back to coding as usual . Can I create a branch or something for i18n issues? There quite some work needed which is wchar size agnostic, so you don't have to decide what to do with it yet.

Subject: Re: Documentation how-to...
Posted by mirek on Sun, 21 Sep 2008 08:51:17 GMT
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cbpporter wrote on Sun, 21 September 2008 04:07
Also, I would like to help by formating some existing documented pages, because most of them are not labeled.

I am working on automated "repair tool".

Quote:
And starting with Monday, my coding "interdiction" is finished, so I can get back to coding as usual . Can I create a branch or something for i18n issues?

Well, I can create it... Though I doubt about "wchar agnosticity"

Mirek

Subject: Re: Documentation how-to...
Posted by cbpporter on Sun, 21 Sep 2008 09:38:38 GMT
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luzr wrote on Sun, 21 September 2008 11:51

I am working on automated "repair tool".

Great! Anyway, SVN is down, so I have to wait with docs.

Quote:
Well, I can create it... Though I doubt about "wchar agnosticity"

It is wchar agnostic in the sense that I want to write the low level renderer first, which on Win32 at least will operate on 16 bits. Even if wchar is 32 bits, for rendering purposes, the latest when WinAPI is called, it will have to be converted to 16 bits, right? We need a not to complicated text renderer, because WinAPI can't really handle mixed font rendering in CJK context at least. I haven't benchmarked it yet, but performance should be equal to previous performance plus the cost of a traverse over the text that must be displayed, so I hope it will be OK. If it is not, I'll need to think of a way to keep the old text rendering, and activate the new one only if the application must be able to display full CJK.

I also started studying some shape recognition, to be able to trace CJK characters and render them manually, for systems that will never be able to have all the fonts installed, but I'm not sure about legal issues here. The traced characters will have their own style, which is distinct form all available styles in a manner that "Arial" font is distinct from "Dotum" font, so it will look very similar on first sight, but when examining the weight of curves, it will be quite different, but still, my data will come from an (or more probably a more than one) available fonts, strictly by pixel analysis, and I don't want to breach any copyright clauses.

This approach has some advantages:
1.It is a viable and lightweight fall back when native rendering using (very large) fonts is not available or not desired.
2.The huge number of CJK characters is reduced to some hundreds of composing characters. This way the rendering for most characters will definable in a couple of bytes.
3.It allows easy definition of gaiji (I'm not going to define any, but I'll include a GUI in the future in my application).
4.It allows easy animation of stroke order.

Disadvantages:
1. Uncertain legal issue.
2. Generating the initial data set will probably take days.
3. Professional fonts will probably have better font hinting.

Subject: Re: Documentation how-to...
Posted by mirek on Sun, 21 Sep 2008 09:59:52 GMT
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cbpporter wrote on Sun, 21 September 2008 05:38luzr wrote on Sun, 21 September 2008 11:51
I am working on automated "repair tool".

Great! Anyway, SVN is down, so I have to wait with docs.

Please, whenever SVN is down, email or PM me. It is most likely a router problem, means I do not see the problem here... (behind router).

Mirek

Subject: Re: Documentation how-to...
Posted by mirek on Mon, 22 Sep 2008 16:37:21 GMT
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cbpporter wrote on Sun, 21 September 2008 05:38luzr wrote on Sun, 21 September 2008 11:51
I am working on automated "repair tool".

Great!

I have spend >16 hours fixing bugs revealed during "repair tool" development. Anyway, you can now try it - Alt+F10 in T++ (maybe not quite final version yet -> test with "separate copy" and do not commit repair results for now).

Mirek

Subject: Re: Documentation how-to...
Posted by cbpporter on Tue, 23 Sep 2008 16:53:52 GMT
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I'm not completely done with evaluating the repair tool, but for now it seems quite impressive.

I does mess up in some cases, so it is not that well suited to generate final docs, but it is very well suited to generate a 95% final document, which must be touched up a little later. This should cut down drastically on time requirements for doc editing.

One question though: how do you specify that the selected section should be mapped to the global "nest". Entering "::" results in double "::" labels (i.e. ::::Function).

Subject: Re: Documentation how-to...
Posted by mirek on Tue, 23 Sep 2008 17:43:25 GMT
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cbpporter wrote on Tue, 23 September 2008 12:53I'm not completely done with evaluating the repair tool, but for now it seems quite impressive.

I does mess up in some cases, so it is not that well suited to generate final docs, but it is very well

suited to generate a 95% final document, which must be touched up a little later. This should cut down drastically on time requirements for doc editing.

One question though: how do you specify that the selected section should be mapped to the global "nest". Entering "::" results in double "::" labels (i.e. ::::Function).

First "::" is always there, therefore it is not required...

Mirek

Subject: Re: Documentation how-to...
Posted by Oblivion on Mon, 06 Oct 2008 19:03:10 GMT
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Hi,

I would like to write documentation for the U++ XML related stuff (and my for Rss class). and I have a question about documentation styles. Is there a standardized color scheme for the seperator titles. The "Public Method List" table/title, which is automatically created, has a gray background. What about the others such as "Type Definitions" or "Global Functions" or "Protected Method List", etc?

Subject: Re: Documentation how-to...
Posted by captainc on Thu, 09 Oct 2008 19:23:01 GMT
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How do you generate the html docs? I would like to do something like that for my project.

Subject: Re: Documentation how-to...
Posted by mirek on Thu, 09 Oct 2008 21:26:34 GMT
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HTML:


```
String EncodeHtml(const RichText& text, Index<String>& css,
          const VectorMap<String, String>& links,
          const VectorMap<String, String>& labels,
          const String& path, const String& base = Null, Zoom z = Zoom(8, 40),
          const VectorMap<String, String>& escape = VectorMap<String, String>(),
          int imtolerance = 0);
String AsCss(Index<String>& ss);
```

Mirek