Subject: Formatting text with percent sign
Posted by Tom1 on Tue, 29 May 2018 11:35:13 GMT

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Hi,

Feel like a newbie again... How do I use Format to include a percent sign in text like I did with *printf functions:

*printf("Percentage: %.1f %%",15.5);

Results in: "Percentage: 15.5 %"

This does not work:

Format("Percentage: %.1f %%",15.5);

Results in: "Percentage: 15.5 "

Obviously I wish to format special strings with percentage signs in various places, so just having it follow a value is not sufficient.

Best regards,

Tom

Subject: Re: Formatting text with percent sign
Posted by Tom1 on Wed, 30 May 2018 10:07:58 GMT

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Hi,

Helping myself, the answer appears to be:

Format("Percentage: %.1f %%%%",15.5);

Maybe someone could add this to the documentation of Format().

Best regards,

Tom

Subject: Re: Formatting text with percent sign
Posted by Klugier on Wed, 30 May 2018 13:11:16 GMT

Hello,

I am glad you want to help. Do you have SVN access to commit? If yes you can modify any upp documentation - without any additional privileges.

If not, I can do it for you, but firstly I need to know what to change in documentation. But, I would be happy if you can modify documentation by your own. Moreover, If you do not have SVN access please ask Mirek. Then there will be one more person that can update documentation. What is very important for our library future.

To update documentation using svn you can do something like that:

rm -r -f uppsrc #Please move to the directory when you have uppsrc
svn checkout svn://www.ultimatepp.org/upp/trunk/uppsrc #Replace local copy of uppsrc with the SVN one

Modify the documentation file in Core using TheIDE and topic editor
cd uppsrc/Core
svn commit -m "Core: Doc: Adding information about escaping percent symbol in Format documentation." # You need to have SVN account to execute that command

Sincerely,
Klugier

Subject: Re: Formatting text with percent sign
Posted by Tom1 on Thu, 31 May 2018 16:48:50 GMT

Hi,

No, I do not have SVN commit rights to that area, but that's unimportant. You can surely add this tiny bit of information in a suitable place. E.g. in the list of formatting examples table something like:

Format("% %%%%", 12.3) | 12.3 %

Thanks and best regards,

Tom

Subject: Re: Formatting text with percent sign
Posted by Klugier on Thu, 31 May 2018 17:15:22 GMT
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Hello,

I added information you had requested. It should be available on our site and in upp distribution tomorrow.

Sincerely,
Klugier

Subject: Re: Formatting text with percent sign
Posted by Oblivion on Thu, 31 May 2018 17:53:43 GMT
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Hello,

Did the default behaviour change?

On my machine I get (Upp, build 11873, UTF8):

Format("Percentage: %.1f%%",15.5) = Percentage: 15.5%

It works fine here.

Best regards,
Oblivion

Subject: Re: Formatting text with percent sign
Posted by Tom1 on Thu, 31 May 2018 19:05:32 GMT
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Hi,

I'm beginning to think that I have made a mistake on this one. More specifically, I was basically using an equivalent of printf(Format("% %%%%",12.3)); in a console app. This may well be the reason for needing four percent signs to propagate a single % character all the way through to the console output. I cannot confirm this here at home, but tomorrow at the office I will know.

Klugier, could you please freeze the update to documentation until this can be confirmed? (And if it proves to be just two percent signs (%%) that is needed, like it looks right now, then add that to

the documentation instead.)

Oblivion, thanks for pointing out this issue.

Thanks and best regards,

Tom

Subject: Re: Formatting text with percent sign
Posted by Klugier on Thu, 31 May 2018 20:15:27 GMT
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Hello,

I tested Oblivions solution and it works. And then I try to recompile with Tom's example, but it doesn't work:

Cout() << Format("% %%", 12.3) << "\n"; // 12
Cout() << Format("% %%%%", 12.3) << "\n"; // 12 - this doesn't work too, did you test it Tom?

Cout() << Format("%.1f%%", 12.3) << "\n"; // 12.3%
Cout() << Format("%.1f %%", 12.3) << "\n"; // 12.3 %

I think the correct implementation that should be in our documentation is that what Oblivion posted. I updated my todays patch and submitted it to trunk.

URL's:
- Format documentation

Sincerely,
Klugier

Subject: Re: Formatting text with percent sign
Posted by Tom1 on Fri, 01 Jun 2018 06:43:32 GMT
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Hi,

Yes I can confirm that the standard %% works correctly with Format(). Just as I suspected after being waked up by Oblivion, my use of printf() to output the result from Format() to console caused the issue in the first place:

```
Cout() << Format("%.1f %%\r\n",12.3); // yes this works: 12.3 %
printf(~Format("%.1f %%%%\r\n",12.3)); // and this works: 12.3 %
```

The documentation this morning looks correct.

Thanks to both of you.

Best regards,

Tom