Subject: UTTS: U++ Text to Speech
Posted by forlano on Mon, 03 Dec 2018 16:31:16 GMT

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Hello,

after a long fight with the includes here is a zero approximation Text To Speech app U++ based. It uses the sapi.h library and try to replicate three actions (Speak, Pause and Stop) of a general application
(see   https://www.ultimatepp.org/forums/index.php?t=msg&th=105
13&goto=50672&#msg_50672 for link and screenshot).

Unfortunately two very (VERY) important features are missing:
1) select the voice format (it affect the quality of the voice);
2) select the voice (English, Italian, etc... that affect the right pronunciation of the text).

This is done in the original application using Windows helper that retrieve the system default, but I am not able to translate in U++.

I hope somebody with more experience can have a look at it and add these two features that improve drastically the voice and pronunciation (it's not nice to listen my default Italian voice to pronunce english text!).

I had to modify the atlbase.h file to remove an annoying compiling error (see readme.txt file).

Thanks,
Luigi

edit: added package

File Attachments
1) UTTSApp.7z, downloaded 261 times

Subject: Re: UTTS: U++ Text to Speech
Posted by forlano on Mon, 03 Dec 2018 16:32:50 GMT
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Here is a screenshot:

File Attachments
1) utts.png, downloaded 492 times

Subject: Re: UTTS: U++ Text to Speech
Posted by forlano on Mon, 03 Dec 2018 18:28:22 GMT
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In the first message I have added the package.
Feel free to modify and improve it!

Subject: Re: UTTS: U++ Text to Speech
Posted by forlano on Tue, 04 Dec 2018 18:38:16 GMT
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Hello,

I have upgraded the package (see first message to download it - an exe file is included for quick test).
I was able to add a DropLine with the available languages.
On my system I see Italian and English variants. I would like to know if other countries will list different languages depending by the OS setting.
The voice format was set to 16 bit, 44 kHz and Mono.

Luigi

Subject: Re: UTTS: U++ Text to Speech
Posted by peterh on Tue, 04 Dec 2018 21:13:08 GMT
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It lists german and english here on Windows 10 64 Bit. And it speaks!
(I tried the included exe)