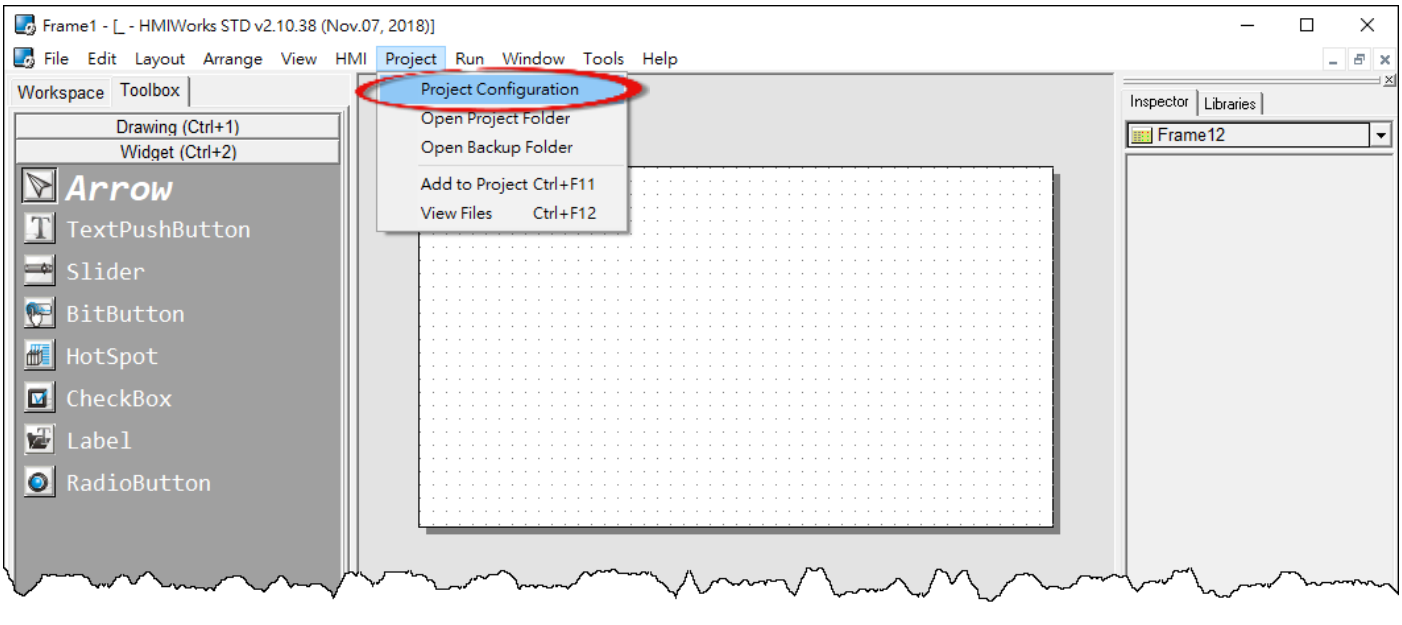
Classification	☐ tDS/tGW/tSH ☐ PETL/tET/tPET/ET-2200 ☐ DS/PDS/PPDS ☐ tM-752N ☐ I/O Card ☐ VXC Card ☑ TouchPAD/HMIWorks ☐ VxComm				
Author	Tammy	**Date**	2018-11-15	**No.**	FAQ029

Q: How to display multilingual text on TouchPAD by using the HMIWorks built-in fonts?

A: The HMIWorks has built-in multilingual support that includes **English, Russian, German/Italian/Spanish (European) and French**. The default is English, if you want to use language other than English, follow the below procedure to select an appropriate font.

Note: The multilingual support can be used with the Text, TextPushButton, Slider, Checkbox, Label and RadioButton components.

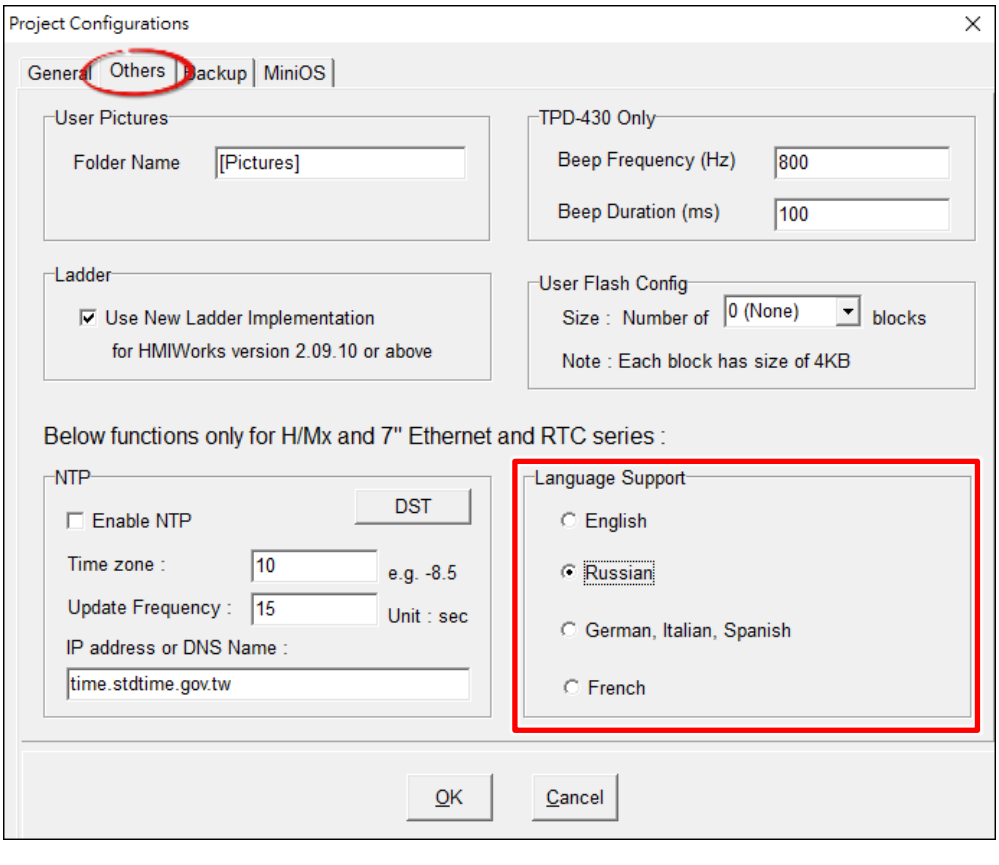
Step 1: Click the **"Project"** → **"Project Configuration"** item to open the **"Project Configuration"** dialog box.



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Step 2: As shown below, we can select languages in the **"Others"** tab page of the **"Project Configuration"** dialog box. Here, the **"Russian"** is used as an example.



Language	Supported Character Code
English	(U+0020 - U+007E)
Russian	English & (U+0410 - U+044F) & U+00B0
German、Italian、Spanish	English & (U+00A0 - U+00FF)
French	English & (U+00A0 - U+00FF) & (U+0152 - U+0153) & U+0178

Notes:

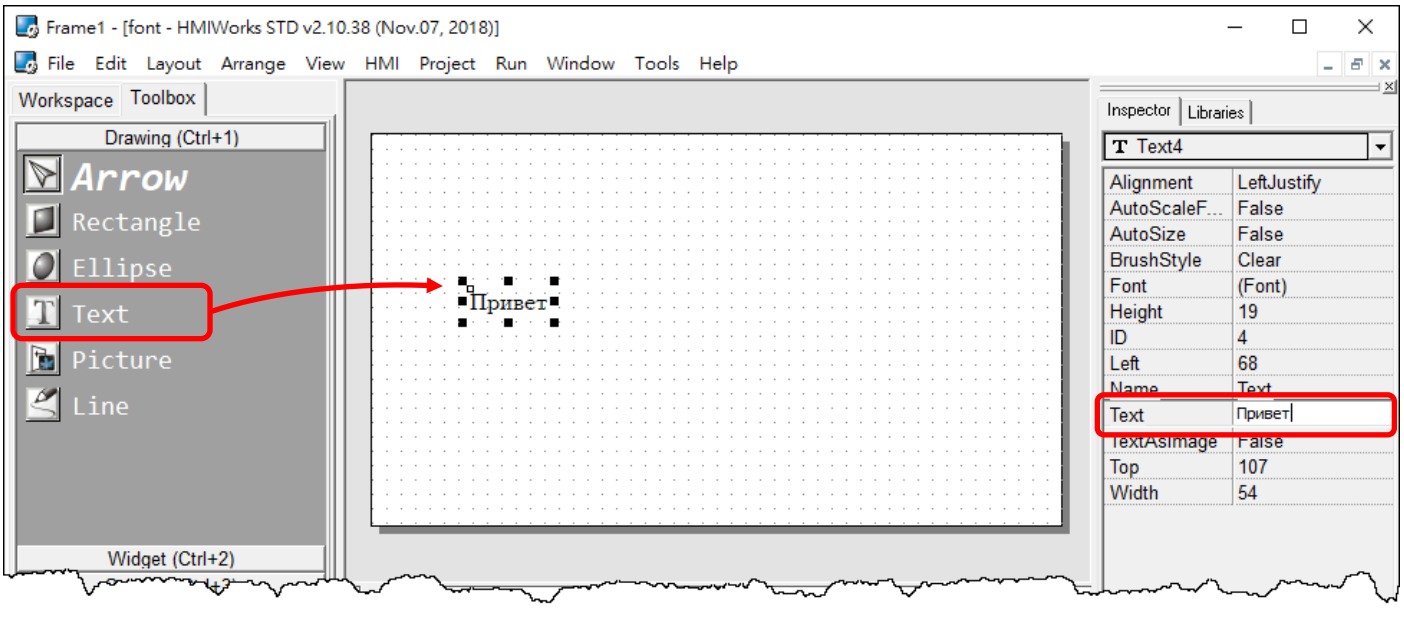
1. If the language we wanted is not listed in the above table, but the character code range of the alphabets of the language is covered by the listed language, we can select the listed language instead. For example, we can select "French" for a German application because the character code range of German is covered by French.
2. Still there are some languages not listed in the table, you can install the **ebFonts** to support more languages, refer to FAQ: How to install ebFonts to support multilingual feature.

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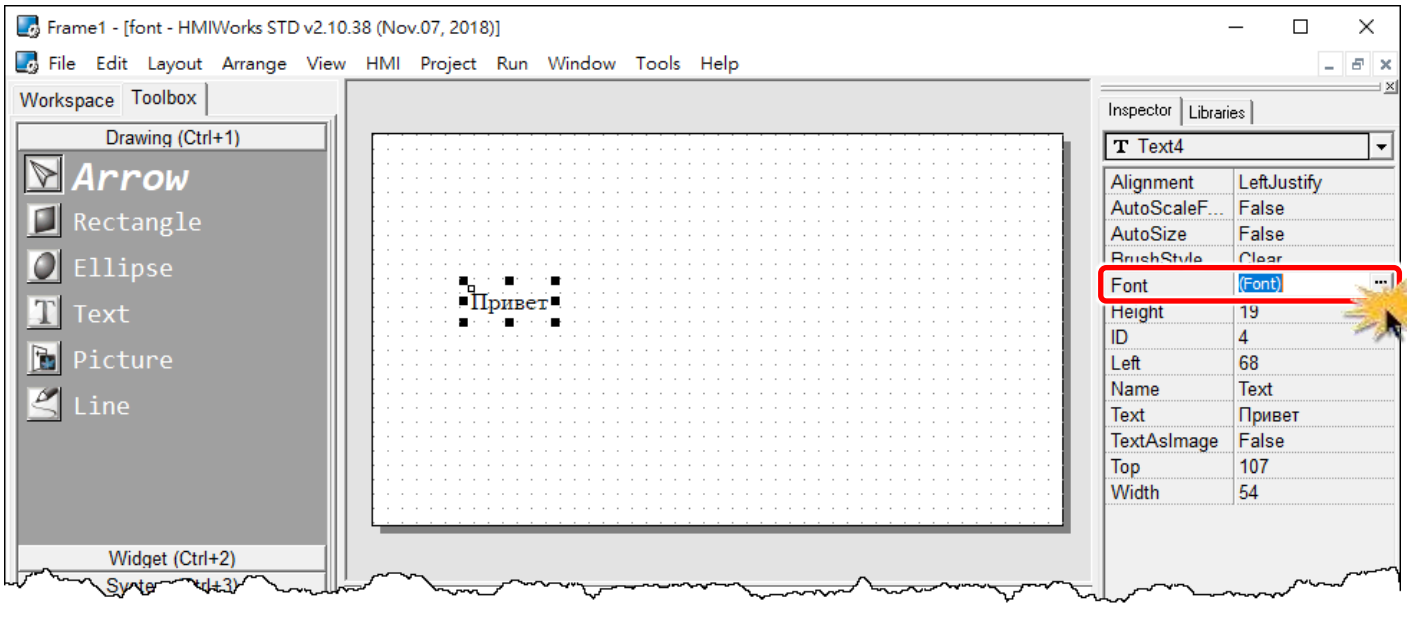
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Step 3: Click the **"Text"** object in the **“Drawing”** section of the "**Toolbox**" pane, and then click the desired position on the design frame to place the text.

Step 4: In the **“Inspector”** pane, enter strings「Привет」in the “**Text**” field.



Step 5: In the **“Inspector”** pane, click the “ ··· ” button for the **“Font”** field to open the custom font dialog.

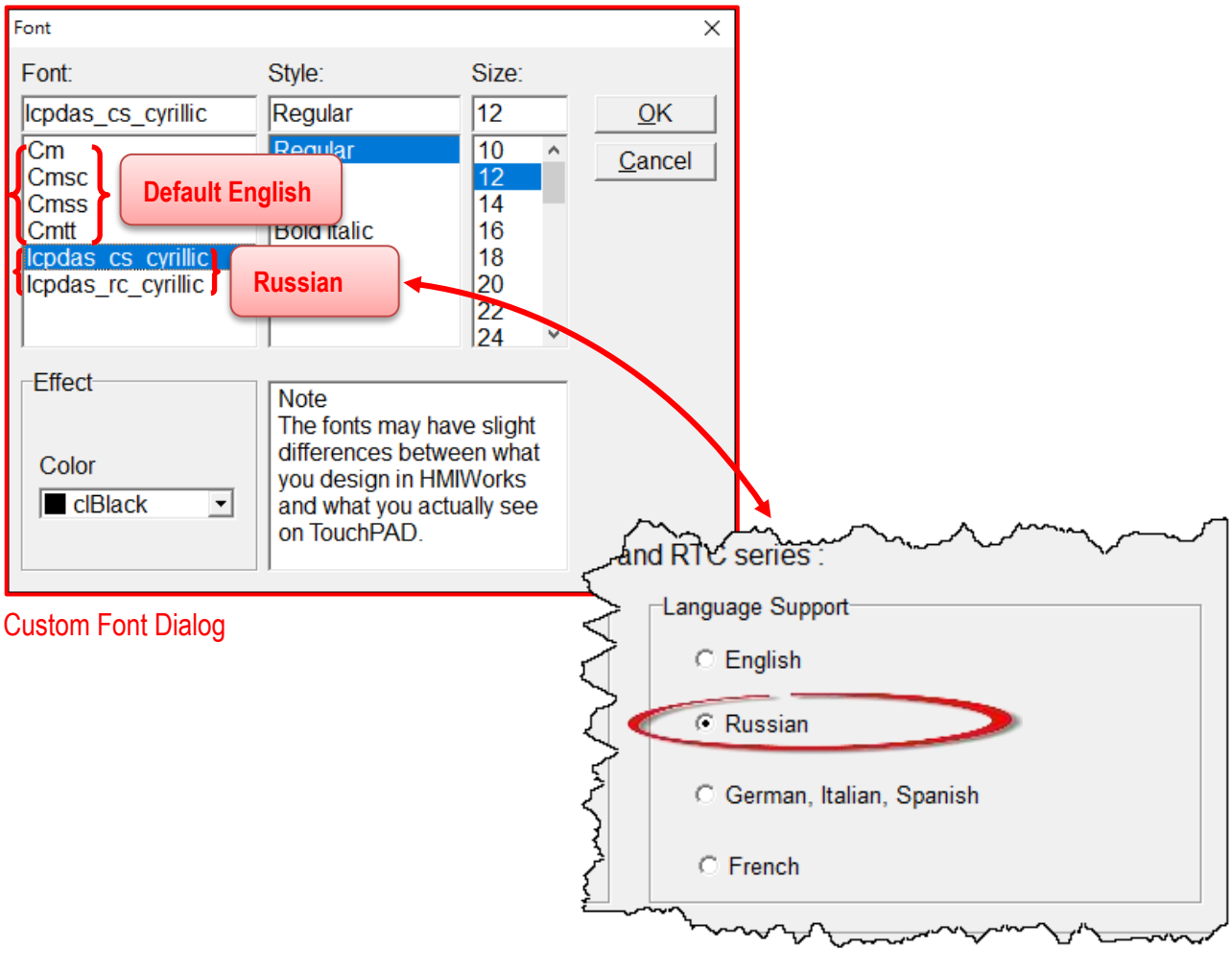


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Step 6: Based on the language you select in the **"Project Configuration"** dialog, the custom font dialog displays corresponding fonts of the language. (e.g., Icpdas_cs_cyrillic and Icpdas_rc_cyrillc)

Note: There are limited fonts that can be selected in the custom font dialog box.



Custom Font Dialog

Font	Supported Language
Cm, Cmsc, Cmss, Cmtt	English
Icpdas_cs_cyrillic, Icpdas_rc_cyrillic	English, Russian
Icpdas_cs_latin1s, Icpdas_rc_latin1s	English, German, Italian, Spanish, etc.
Icpdas_cs_french, Icpdas_rc_french	English, German, Italian, Spanish, French, etc.

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