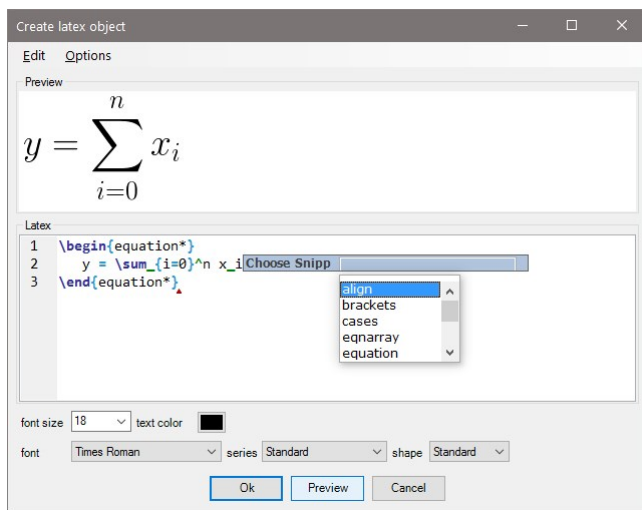# Latex4CorelDRAW

This is a addon for CorelDRAW. It allows to add and edit Latex equations or symbols easily. The addon is based on ScintillaNET and supports syntax highlighting, code snippets etc.

The library was tested on Windows 10, CorelDRAW x8.

Author: Jan Bender, **License**: MIT

Modified Updated (hardcoded) for CorelDraw 2020 and VS2019 by CJ Willers

Screenshots

Building the binary files

1. [JB] Jan Bender's original files were set up for Visual Studio 2015 and CorelDraw X8. You have to adapt the path of CorelDRAW in the project file `Latex4CorelDraw.csproj` if your CorelDRAW installation differs from `C:\Program Files\Corel\CorelDRAW Graphics Suite X8`.

2. [JB] Jan Bender's original build procedure copies the files to the final addon folder destination. Some installations would not allow Visual Studio to write to this folder if the code is built with user privileges (writing requires admin rights). The (not so nice way) around this is to create the `Latex4CorelDraw` folder in `C:\Program Files\Corel\CorelDRAW Graphics Suite XXXX\Programs64\Addons\` and then to set the access rights to this folder such that users can have full rights access to the folder. With these rights, the VS build procedure can write to the folder.

3. [CJW] The build process was also successfully completed with Visual Studio 2019 Community Edition and with `Latex4CorelDraw.csproj` changed to the CorelDraw 2020 paths.

4. [CJW] The automatic installation procedure in Bender's project did not work for me, so I copied the files by hand to a new folder. Everything you need should be in the `Latex4CorelDrawFolder` folder, just copy this folder with its 11 files. This set of files will only work if you use CorelDraw 2020 and if it is installed in the folder shown below. This installation was tested with CorelDraw 2020 on Win7 and Win10, with MikTex as LaTeX compiler.

5. Remember to build the Release version not the Debug version.

Installation

1. Clone or Download this repository outside of your CorelDRaw installation folder, somewhere you can keep it or eventually delete it.

2. Copy the `Latex4CorelDrawFolder` folder and all of its 11 files into the `C:\Program Files\Corel\CorelDRAW Graphics Suite 2020\Programs64\Addons` folder (or where ever it is installed on your PC). You may get a warning that you need administrator rights to do the copy, approve and continue with the copy.
   After the copy the following files should be in the folder

   ```
   `AppUI.xslt`,
   `CorelDrw.addon`,
   `Latex4CorelDraw - Shortcut.lnk`,
   `Latex4CorelDraw.dll`,
   `License.txt`,
   `readme.md`,
   `SciLexer.dll`,
   `SciLexer64.dll`,
   `ScintillaNET.dll`,
   `ScintillaNET.xml`,
   `UserUI.xslt`
   ```

3. Right-click and open "Properties" for each copied DLL file in the `Latex4CorelDrawFolder` folder. If you see the following text, you have to unblock the file: **"Security: This file came from another computer and might be blocked to help protect this computer."**.

4. Activate docker window "Latex" in the menu "Windows".

5. Ensure that your environment has a path to your local tex installation. On my PC I added the MikTex path `C:\Users\%USER%\AppData\Local\Programs\MiKTeX\miktex\bin\x64\` to the environment. Change this for your installation details, it will probably be different from mine.