

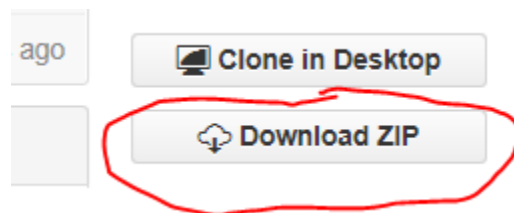
Installing StdBx Files into Eagle CAD

This is a first and pretty rough draft. Provide feedback by opening issues in GitHub or send email to stdbxmdrtr@gmail.com. These instructions were developed on and for Eagle 6.6.0 running on a Windows 7 PC. If you have a different version of Eagle or a different OS you may need to adapt the instructions to your system.

If you are an experienced Eagle user and experienced with GitHub then here is the short version: Put the repository files from the *Eagle Files* folder in the right places. The .lbr files go in your Eagle Libraries folder. The .cam file goes in the Eagle cam folder. Optionally, you can also copy the *Series100 Examples* folder and its contents to your Eagle projects folder.

If the last paragraph is not so clear, read on.

In the [Series100 repository](#) there are two folders of files that need to be added to your Eagle CAD installation. The first step is to download the files from GitHub. And the easiest way to do that is to download the repository as a zip file by clicking on the Download ZIP button on the right-hand side of the repository screen.



The files go into different locations depending on how you set up Eagle on your system. The files can be stored in the Eagle installation folder, but that has some issues. First you have to be an administrator on your system and second the files will have to be moved or copied every time you get an update to Eagle.

A better solution is to create an Eagle folder in a separate place, like MyDocuments, and point Eagle at that. [Here](#) is a good tutorial on setting up the directories outside of Eagle. You at least need to set up the library folder, the projects folder and the cam folder.

Once you have the folders set up, copy the file StdBxLibrary from the Eagle Files folder inside the zip file to the library folder you created. Copy the file StdBx to the cam folder you created. Copy the Series100 Examples folder to the projects folder you created.

NOTE: There are two library files, StdBxLibrary and StdBxLibrary_BETA_. The BETA file contains additional components that have not yet been proven. You can install both if you want. If you use components from StdBxLibrary_BETA_, recognize that you have a greater risk of something not

working right. And right now since StdBx is just getting started, virtually all the components are in the BETA library. These will move one-by-one to StdBxLibrary as they are proven.

The next time you open Eagle, the files you copied should show up in the Eagle Control panel in their respective folders. In the Libraries folder there is a dot to the right of the StdBxLibrary file. The dot is likely small and grayish. Click on the dot. It should become larger and green. This is telling Eagle to make this library active in the schematic editor.

Your StdBx additions to Eagle are now installed. You can start your StdBx design by following the instructions in **“Creating a Front Panel that Fits the Series100 StdBx Enclosure”**.