# EPStoPDF Configuration Guide

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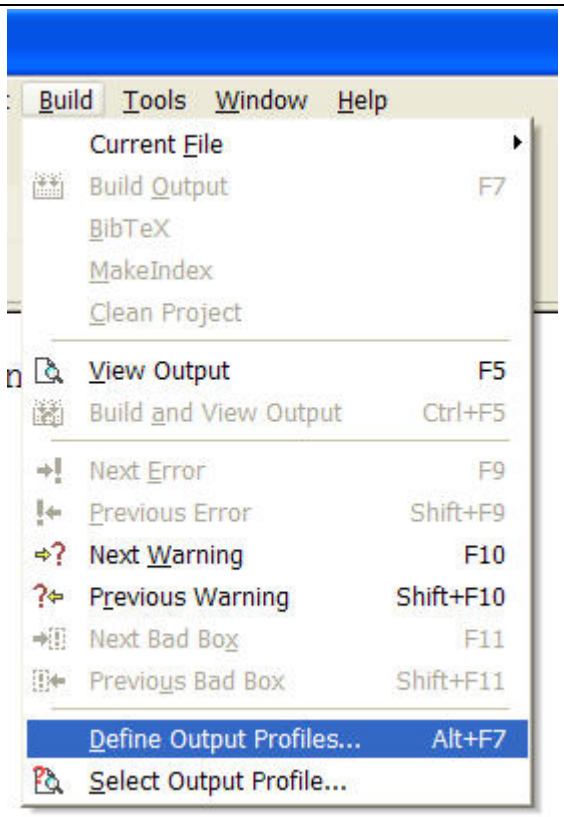
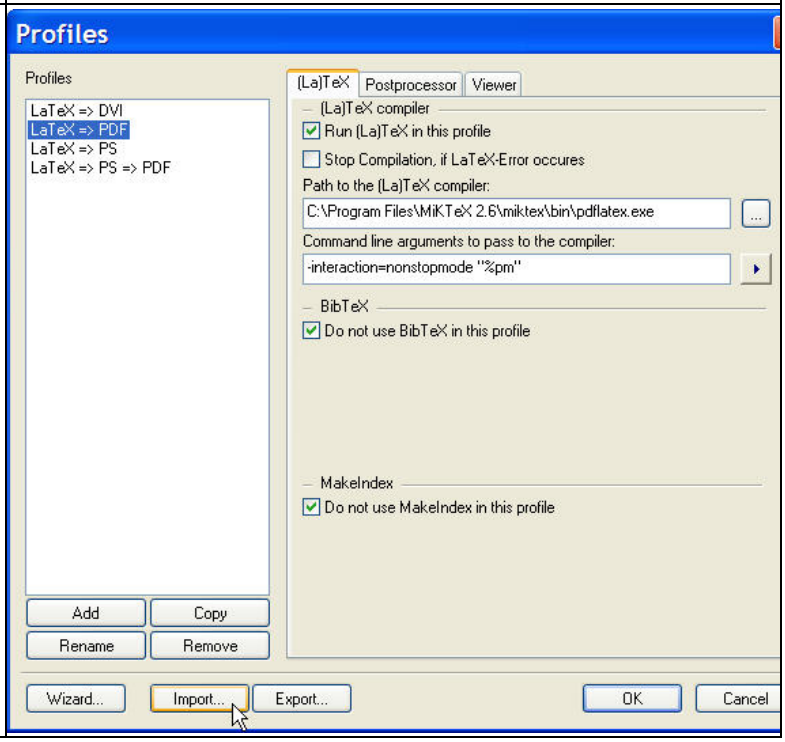
**Follow these instructions to properly incorporate the "`epstopdf`" package. In the preamble of your code, `\usepackage{epstopdf}` must appear.**

**Overview: The `epstopdf` package allows the user to have LaTeX automatically convert any Postscript images into PDF on the fly. `pdfLaTeX` is not able to import any Postscript images, but the converted PDF images can be imported.**

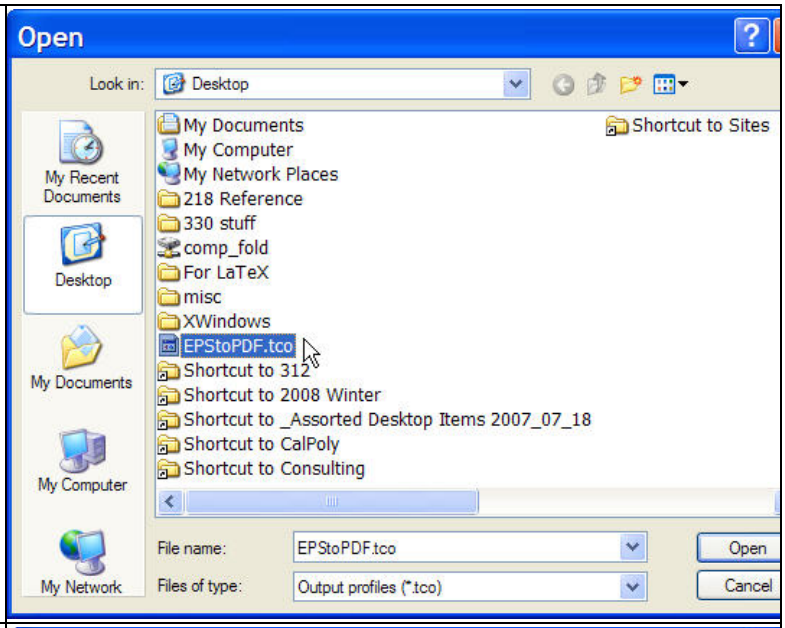
**Problem: The `epstopdf` package requires the program to break out of the "shell" and execute the image conversion program in the background of the operating system. By default, for security reasons to guard against malware, many programs do not allow this to occur.**

**Solution: We can override the program's default setting by creating a new Output Profile in TeXnic Center. Usually, we use the `LaTeX => PDF` output profile in TeXnic Center. Here, we will create a new profile called `LaTeX => EPStoPDF` and this will allow the program to execute commands in the background.**

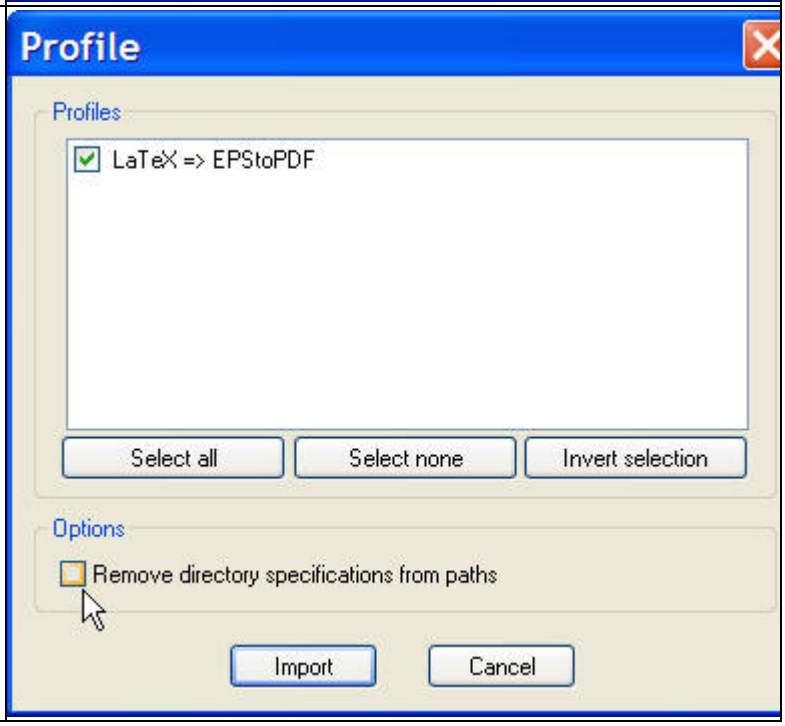
**This is a one-time configuration procedure.**

| INSTRUCTIONS | DIALOGUE WINDOW |
| --- | --- |
| **1.) Launch TeXnic Center and click on <u>Build → Define Output Profiles …</u>** |  |
| **2.) In the Profiles window, select <u>Import…</u>** |  |

**3.) Locate the `EPStoPDF.tco` file. This file contains all the important customizations to properly invoke the `EPStoPDF` package.**




**4.) VERY IMPORTANT: In the next window, UNCHECK the "Remove directory specifications from paths" option. Then click on <u>Import</u>.**



**5.) If the import was successful, you should see the new `LaTeX => EPStoPDF` profile. Click on this profile and then click on the (La)TeX tab button.**

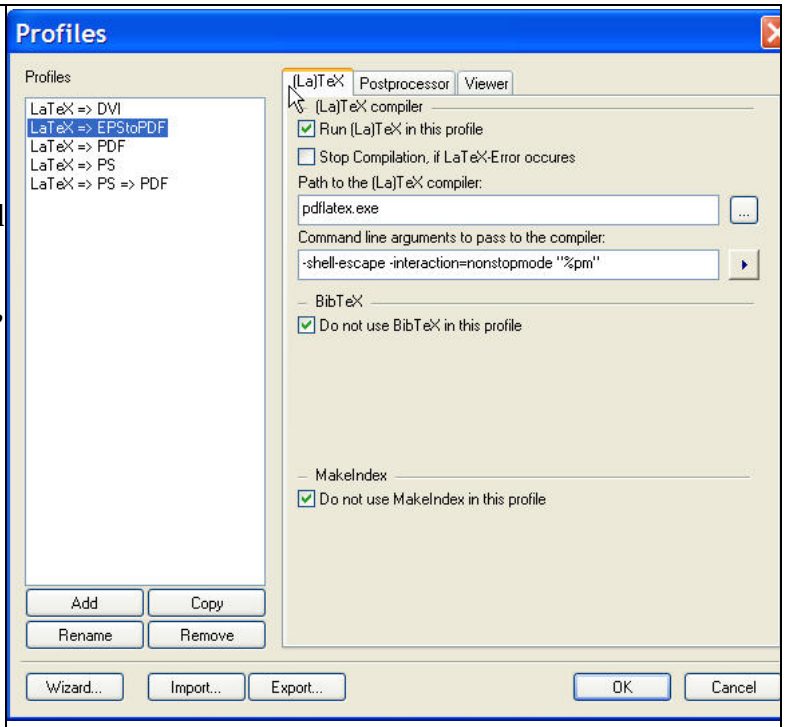
*** "Run (La)TeX in this profile" option should be checked.**

*** "Stop Compilation if LaTeX-Error Occurs" should be unchecked.**

*** The next entry for "Path" should be `pdflatex.exe`**

*** The next entry for "Command" should be `-shell-escape -interaction = nonstopmode "%pm"`**

*** You may check/uncheck the BibTeX/MakeIndex depending on whether you want to activate these features. I usually keep these unchecked.**




**6. a) While in the same window, click on the Viewer tab button. You may ignore the Postprocessor tab button.**

*** Path of executable is for your Adobe Reader program. On my computer this is:**

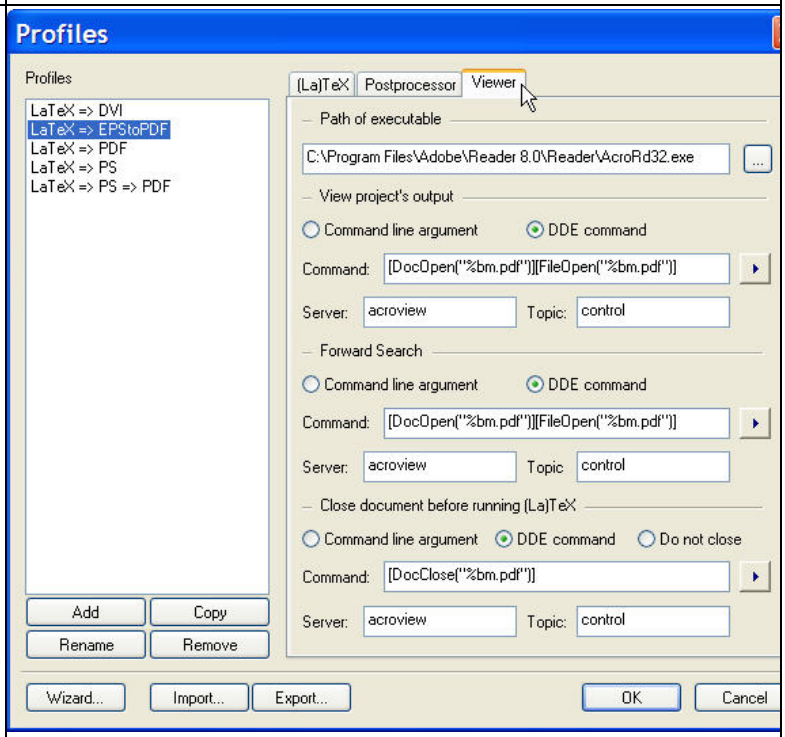
**`C:\Program Files\Adobe\Reader 8.0\Reader\AcroRd32.exe`**

**Change the address as necessary for your computer.**

*** For "View project's output", DDE command should be selected and the following command should already be included:**

**`[DocOpen("%bm.pdf")][FileOpen("%bm.pdf")]`**

**Server should already have "acroview"**
**Topic should already have "control"**



**6. b) For "Forward Search", DDE command should be selected and the following command should already be included:**

**`[DocOpen("%bm.pdf")][FileOpen("%bm.pdf")]`**

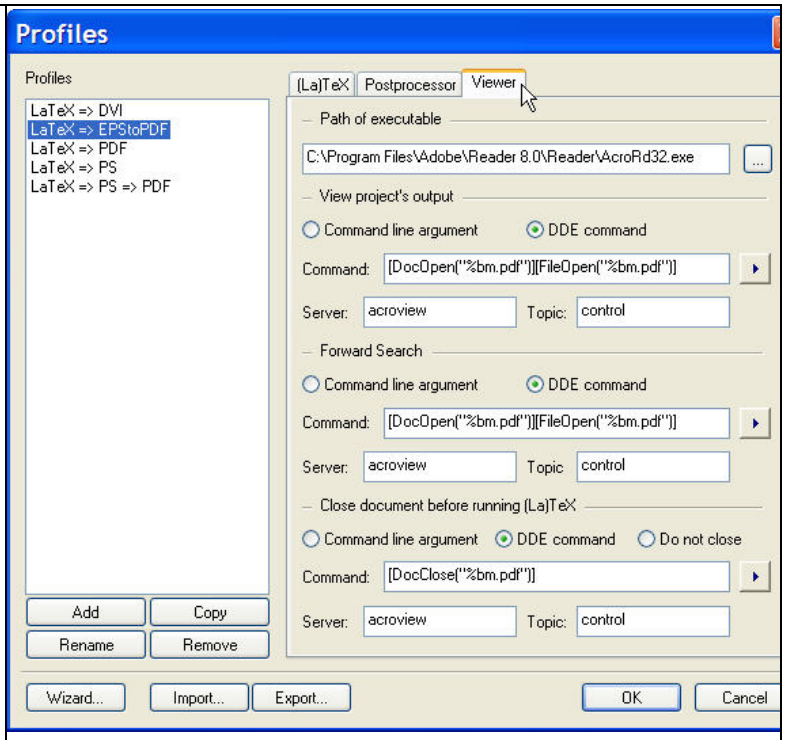
**Server should already have "acroview"**
**Topic should already have "control"**

**For "Close document before running LaTeX", DDE command should be selected and the following command should already be included:**

**`[DocClose("%bm.pdf")]`**

**Server should already have "acroview"**
**Topic should already have "control"**

**After confirming all these steps, click on OK.**




**7.) Now, select the newly created `LaTeX => EPStoPDF` profile using the cursor. Then, compile the program as you've always done in the past (e.g. Control+Shift+F5 to compile and view the document).**

**You will now be able to incorporate multiple types of images in your LaTeX document.**