

LyX As A
Portable Application

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Preface

This is a chapter taken from my book “LyX for the Impatient”. The main book is still under construction. The book, of course, is written using LyX, the wonderful piece of software.

Hopefully you’ll find something useful in this little chapter

– Adel

أنا حر... أنا استخدم البرمجيات الحرة
ايكس و لاتكس ... تألق البرمجيات الحرة

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1 Introduction

This is an illustrated and simplified step by step method for downloading and deployment of portable L^AT_EX. The process is very simple and is much more easier than the typical install on hard disks.

Portable L^AT_EX can be run from a USB flash memory or from an external USB hard disk. Of course, you can run it from your hard disk if you want. In this case I suggest that you put it in a separate folder in the D: or E: drive and not on C: where your operating system reside. This is more safer, if your operating system gets corrupted and you need to format the C: drive and re-install windows.

When using portable L^AT_EX, you can take your program with you and use it from any machine running Windows.

I have made a modified portable L^AT_EX containing many extra packages, but unfortunately, the zipped file become larger than the original one (almost double size) (around 300 Mb). This modified file needs no further modifications by you. You can obtain it from me in the collage during the fifth lecture or afterward. Feel free to distribute it for every one you know.

2 Steps

Outline

1. Downloading the LyX portable
2. Modifying LyX portable
3. Use of the zipped file modified by Dr Adel

Detailed Steps

1- Downloading the LyX portable

1. Go to the Internet site and download portable LyX. I suggest that you download the file “LyTeX.exe. The link is

<http://portable-lyx.impossible-exil.info/>

What's in the pack?

The same things as LyTeX, I just replaced LyX with LyX 2.0. So you will find: [TeX Works](#), [TeX Live](#), and LyX all of them working in a portable way.

License

As [LyX](#), this work is released under the [GNU General Public License, version 2](#) or later.

Downloads

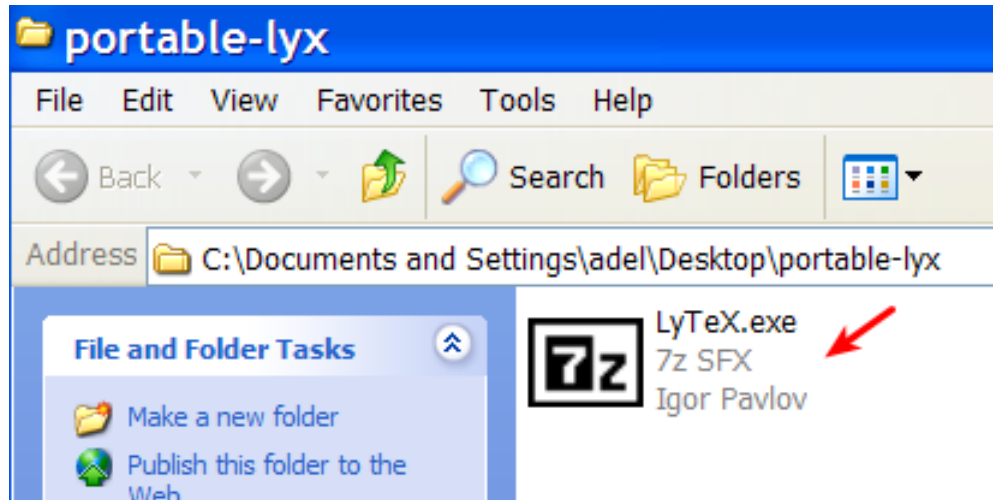
File	Size	Desc	md5
zip	255 Mo	PortableLyx compressed in a zip file	4b3e3ab74176f1b1ccadd7c55af8f3f7
7z	141 Mo	The same, but using the 7-zip file format.	e4eba8b1312df781f7d44e9303d981d8
exe	141 Mo	The 7-zip file, but auto-extractible	39e8d6d070dd954c1688fad6574eb63e

[Integrated Tower Systems](#) Worldwide Fleet of Portable Tower Trailers, Cows, Self-Support Towers www.intelcotowers.com
[LaTeX + Microsoft Word](#) Use LaTeX to enter math equations in regular word processors. elevatorlady.ca
[تحميل Google Chrome](#) البحث سريع وسهل مع متصفح ويب Google. www.google.com/chrome

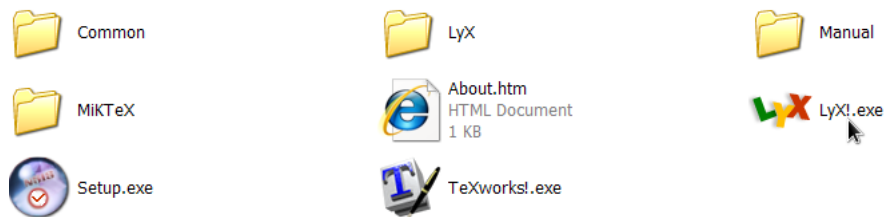
AdChoices

2. Make a separate folder (e.g. lyx-portable) and put the downloaded file in it

3. Click on the downloaded file (LyTeX.exe) to unzip it and wait until the process finish

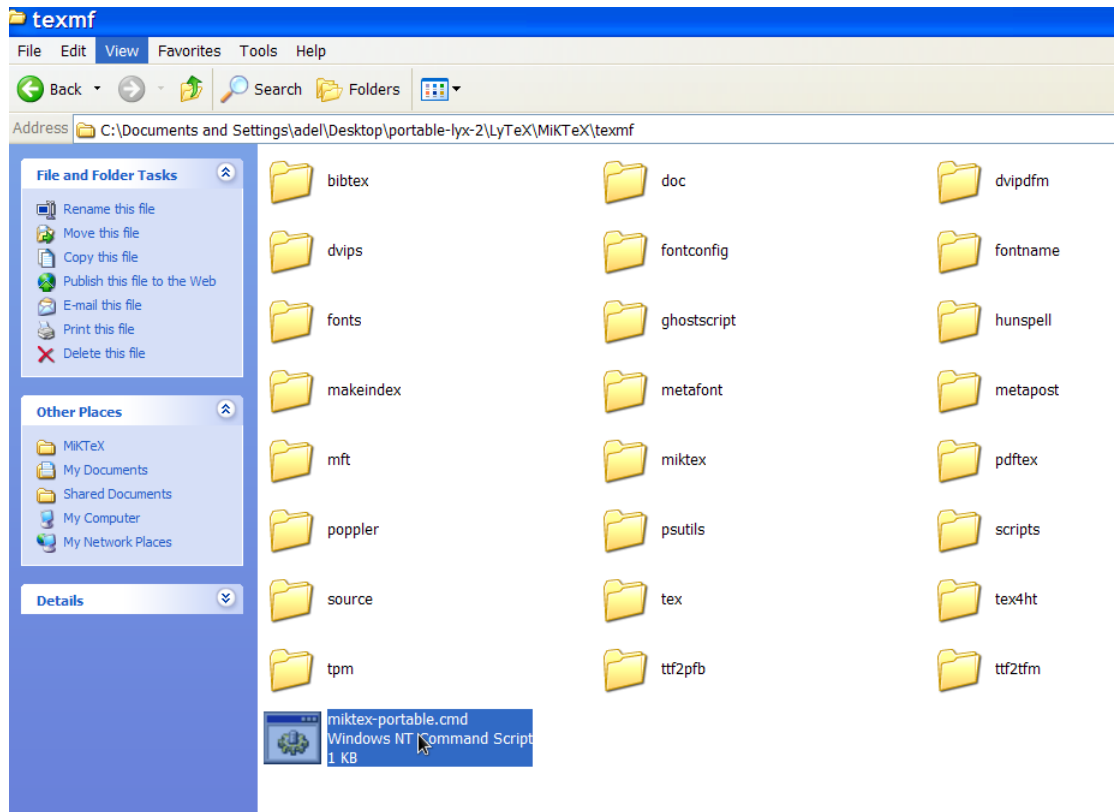


4. To run LyX, click on portable-lyx\LyTeX\LyX!.exe

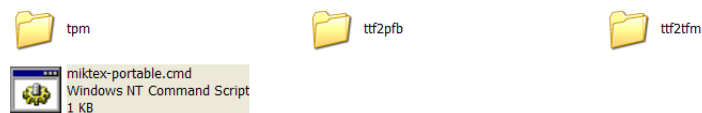


2- Modifying LyX portable This step is important, if you need to update or add extra packages to your portable LyX-MiKTeX installation

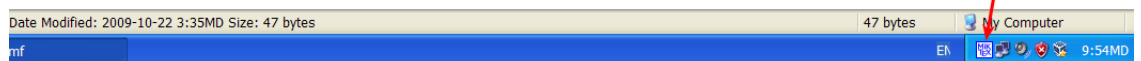
1. Click on the file: portable-lyx\LyTeX\LyTeX\MiKTeX\texmf\miktex-portable.cmd



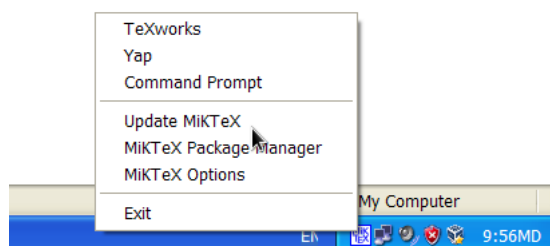
2. You will find that an icon appears in the lower task bar of Windows. Right click on this icon



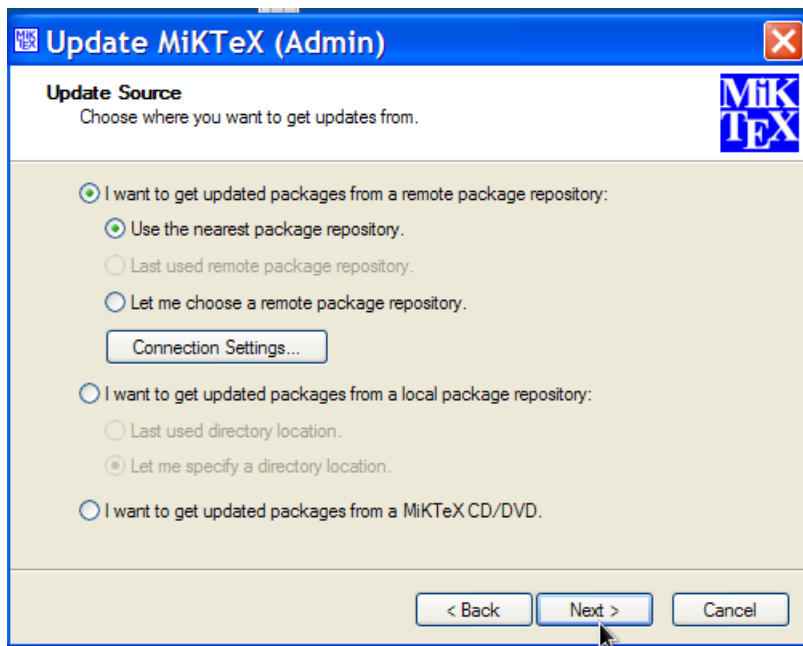
Note this new icon, right click on it, a menu will appear



3. You will find the following menu, from which you can update, add packages to MiKTeX.



4. You can update MiKTeX by clicking on Update MiKTeX, then next, next until you finish

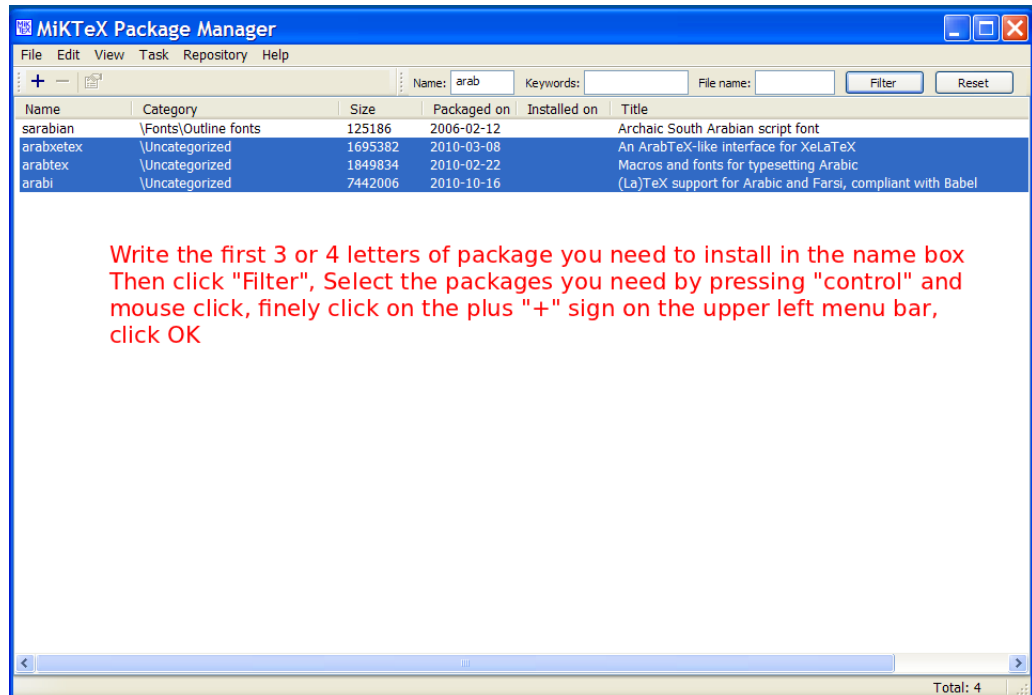


5. To add packages, click on MiKTeX Package Manager. In the package manager window, enter the first 3 or 4 letters of the package name in name field and Enter. you will see kluwer package is listed, but the information under Installed On is still blank.

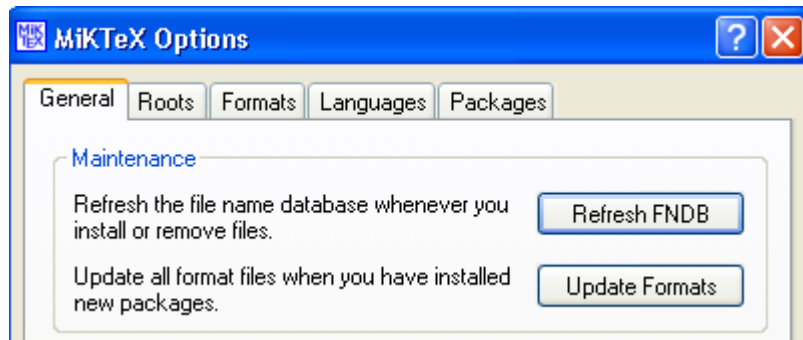
Select the package that you want to install by click it, then continue to install by clicking the + button, and follow the installation dialog.

For medico-dental fields you need to install some extra packages, you may find that some of these packages are already installed.

elsevier-bib - bibhtml - babelbib - biblatex-apa - biblatex-science - jurabib - natbib - persian-bib - xepersian - anyfontsize - pgf - pdfpages - arabi - arabt看 - arabxetex - pgf - ps - tikz - elsarticle - elsevier - endfloat - endnotes - enumitem - koma-script - memoir - microtype - xcolor - units - colortbl - beamer - bibtopic - kluwer biblatex-nature - biblatex-mla - biblatex-jura - biblatex-chicago



6. Do not forget to right click on the icon and selecting MiKTeX Options and click on “Refresh FNDB” and on “Update Format”



3- Use Portable LyX Modified by Dr Adel

1. If you got the zipped file, unzip it, if you got the file already unzipped (large, size is about 1 Gb), Put it in a suitable place
2. You can begin using it immediately.