

LyX:
For the Impatient

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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

Contents

1	Introduction	4
2	Steps	5
	Outline	5
	Important Notes	5
	Detailed Steps	5

1 Introduction

This is an illustrated and simplified step by step method for installing LyX in Windows operating system.

Instead of all this hassle try to change your life by changing your operating system. Try Linux Mint and you will not regret.

2 Steps

Outline

1. Install MiKTeX
2. Install LyX

Important Notes

1. Please do not try to install LyX first, you have to install MiKTeX first followed by LyX
2. In all the steps you should be connected to the Internet
3. Be patient as the process takes a long time (1–2 hours)
4. Do not forget to update MiKTeX twice before installing LyX
5. Do not forget to reconfigure LyX twice before beginning your actual work

Detailed Steps

1- MiKTeX Install Note that what is written in red is a comment on the image and not a part of the original screen shoot.

1. Go to the Internet site and download MiKTeX

<p>"Basic MiKTeX 2.9" Installer Size: 156.35 MB</p>	<p>Select This</p> <p>Download</p> <p>from: ftp.uoi.gr (Greece)</p>
<p>"Basic MiKTeX 2.9 64-bit" Installer* (experimental) Size: 144.52 MB</p>	<p>Download</p> <p>from: ftp.uoi.gr (Greece)</p>

*MiKTeX 2.9 64-bit requires a 64-bit Windows system.

When you have installed MiKTeX 2.9, it is recommended that you run the update wizard in order to get the latest updates.

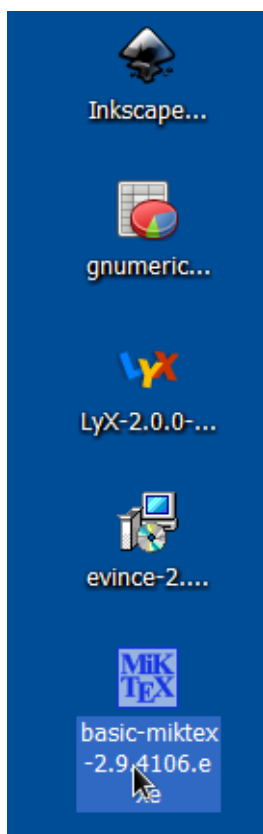
Installing the complete MiKTeX system

You use the MiKTeX Net Installer to download all MiKTeX packages and install a complete MiKTeX system. See the section [Installing MiKTeX](#) in the MiKTeX manual, for more information.

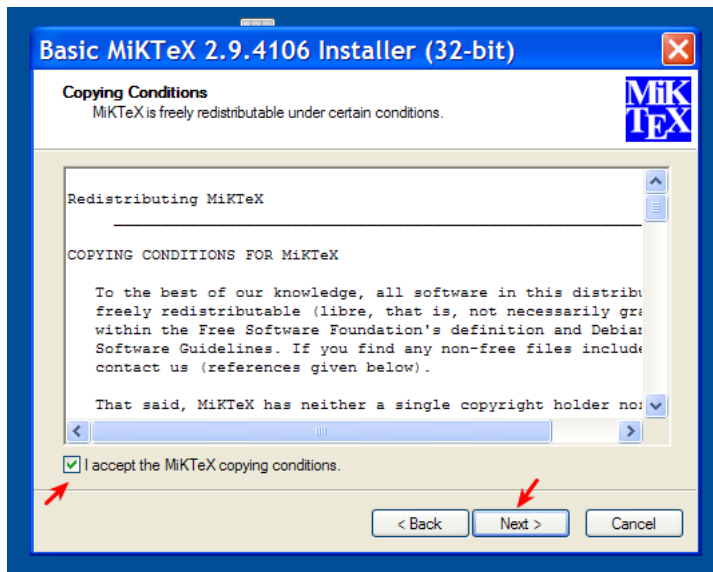
<p>MiKTeX 2.9 Net Installer Size: 6.99 MB</p>	<p>Download</p>
<p>MiKTeX 2.9 64-bit Net Installer* (experimental) Size: 7.65 MB</p>	<p>Download</p>

Do not select Net Installer unless you have a fast internet connection

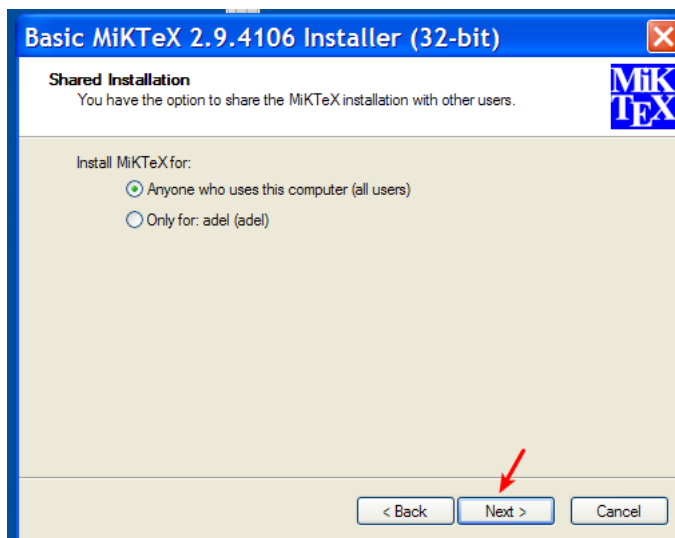
2. Click on downloaded MiKTeX software, I supposed to be on the Desktop



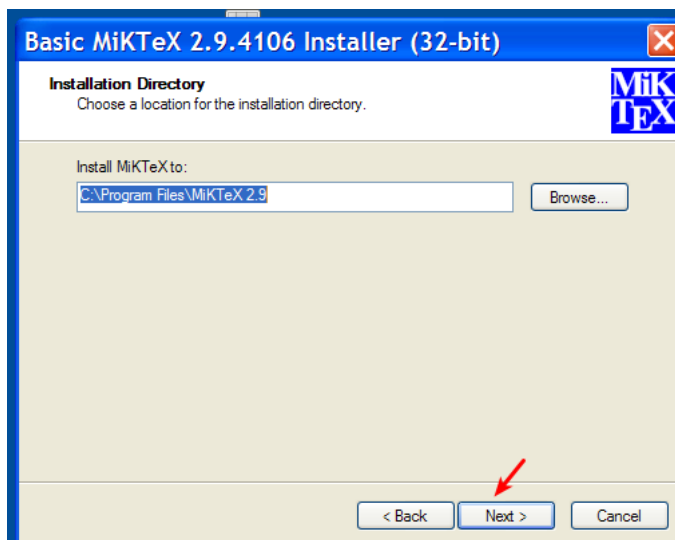
3. Click Next



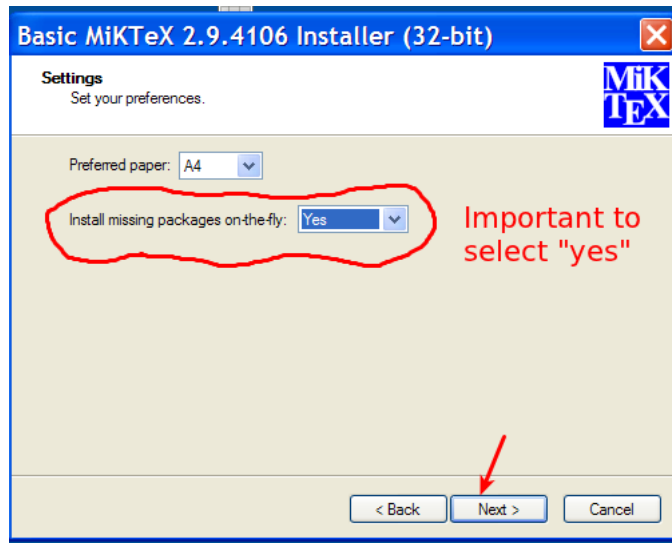
4. Click on Anyone who uses this computer and Click Next



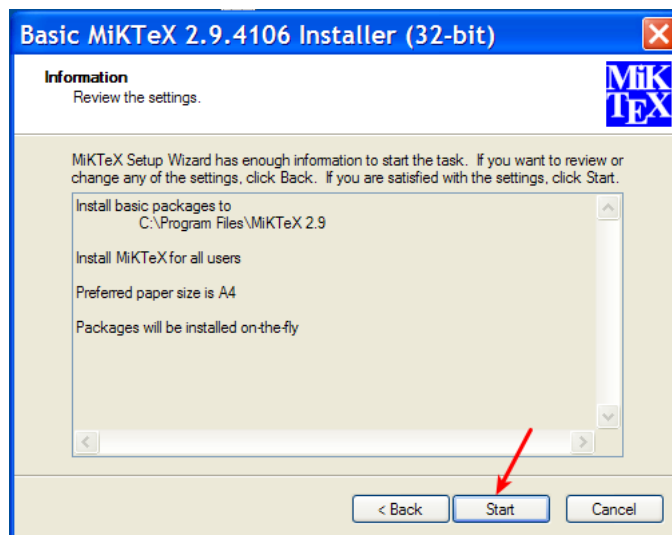
5. Click Next



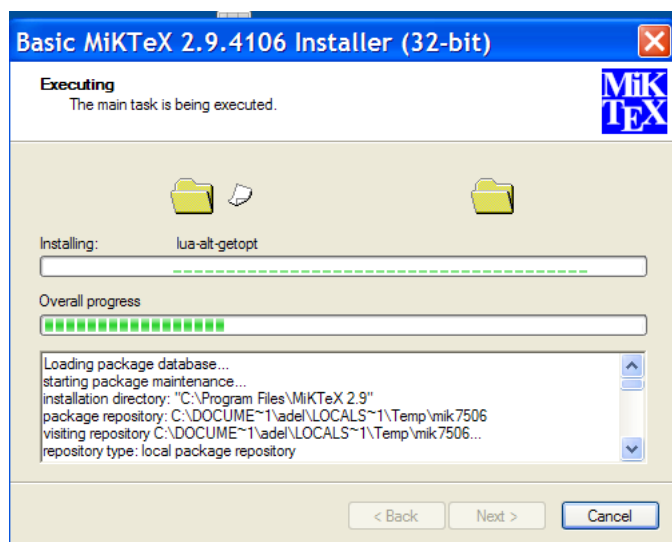
6. Be sure to change the installing packages on the fly (very important step) to be Yes and Click Next



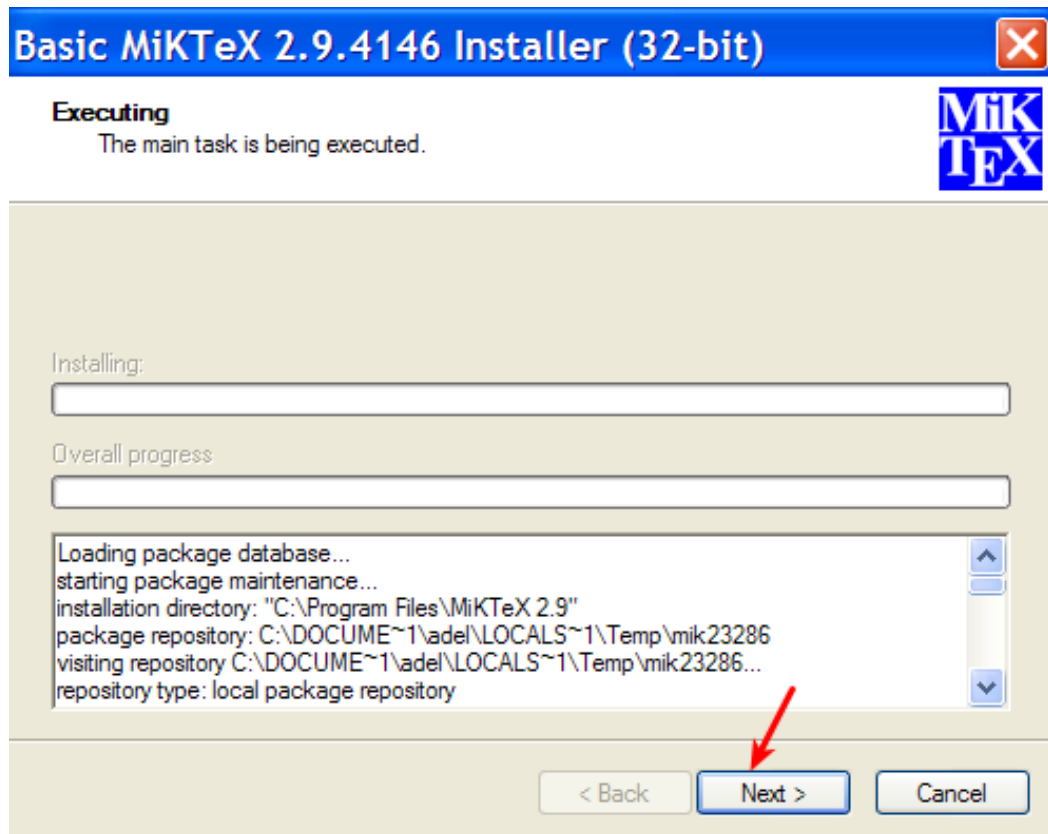
7. Click Start



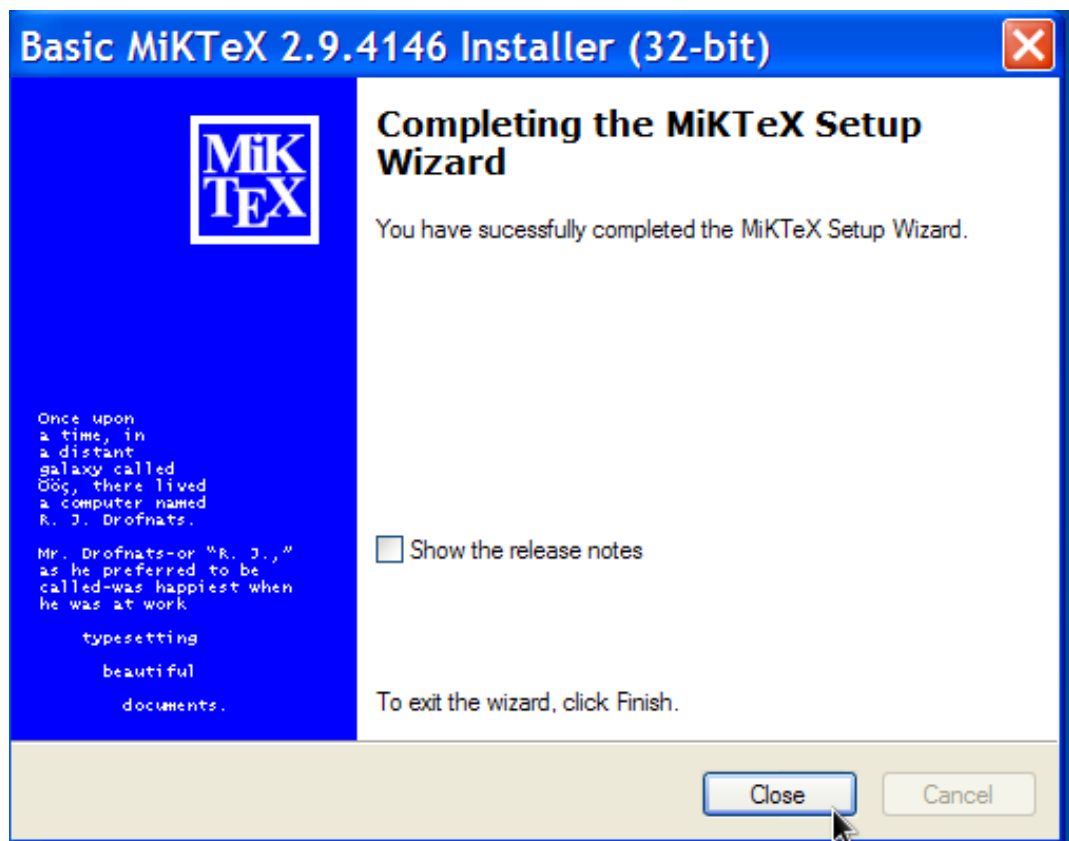
8. Wait (be patient in this step)



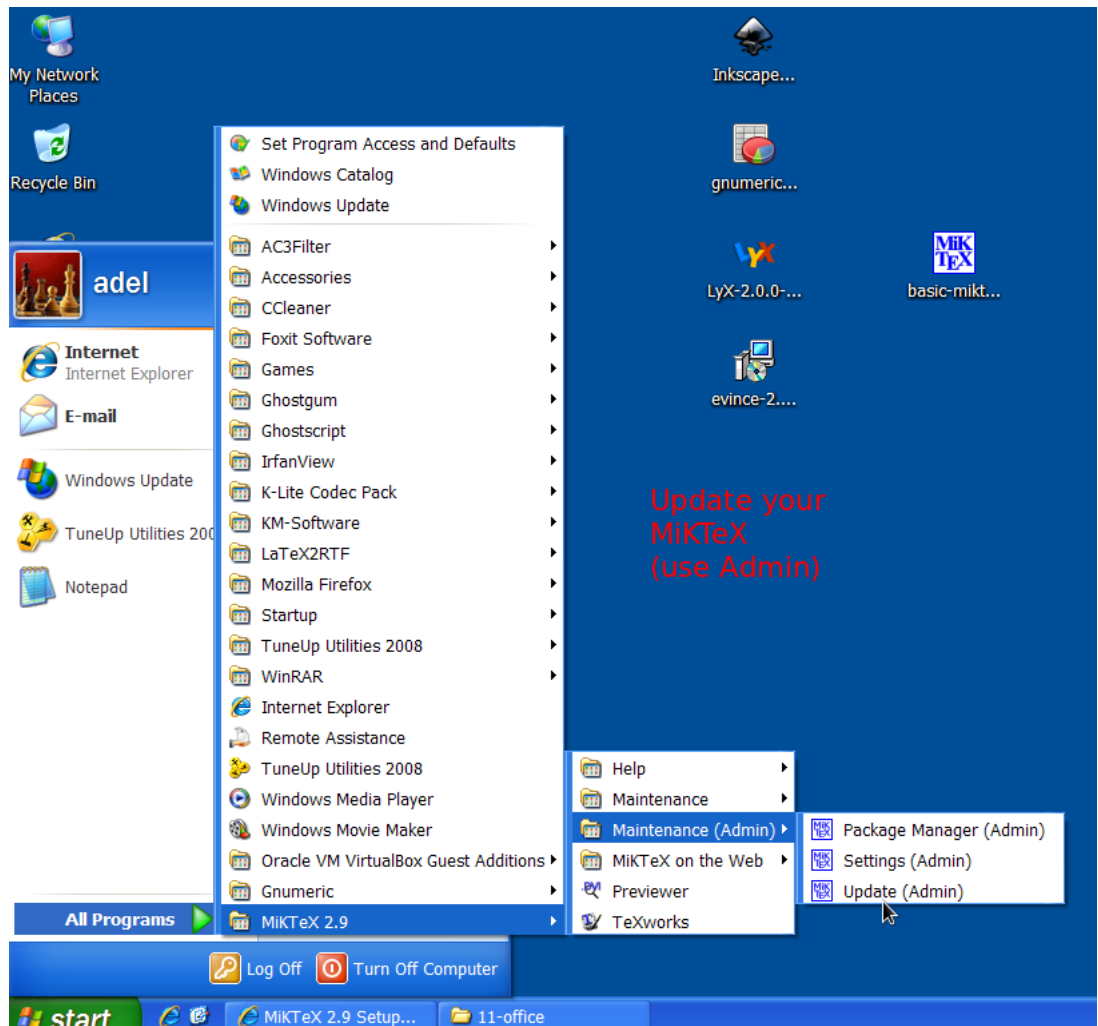
9. Click Next



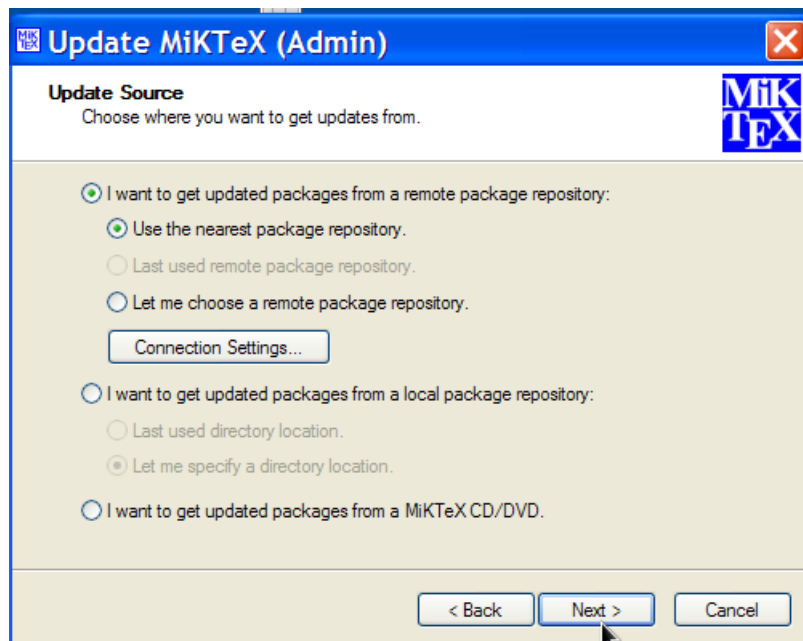
10. Click close



- From start menu, click on MiKTeX > Maintenance (Admin) > Update (Admin)



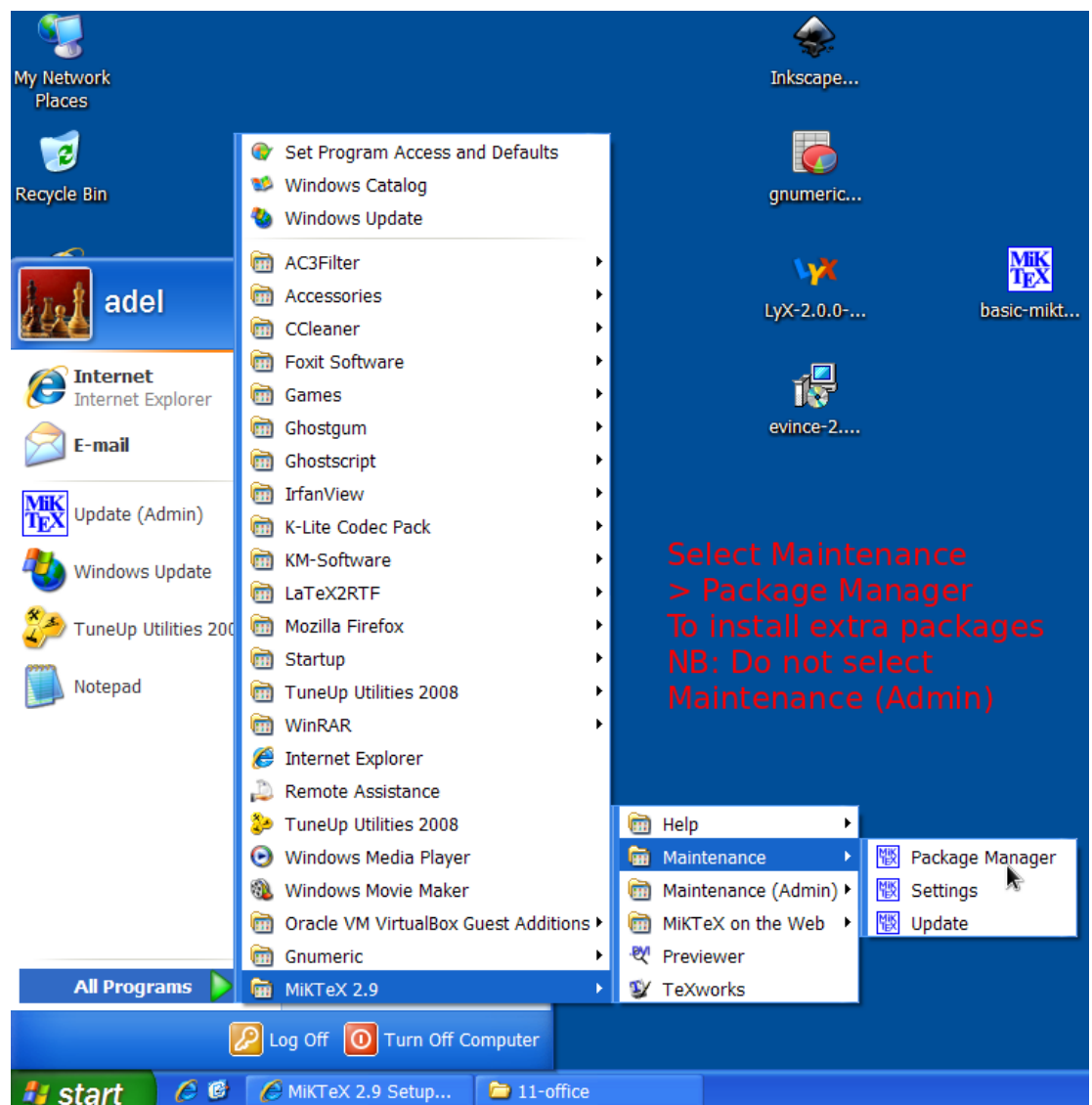
- Click Next and be patient again



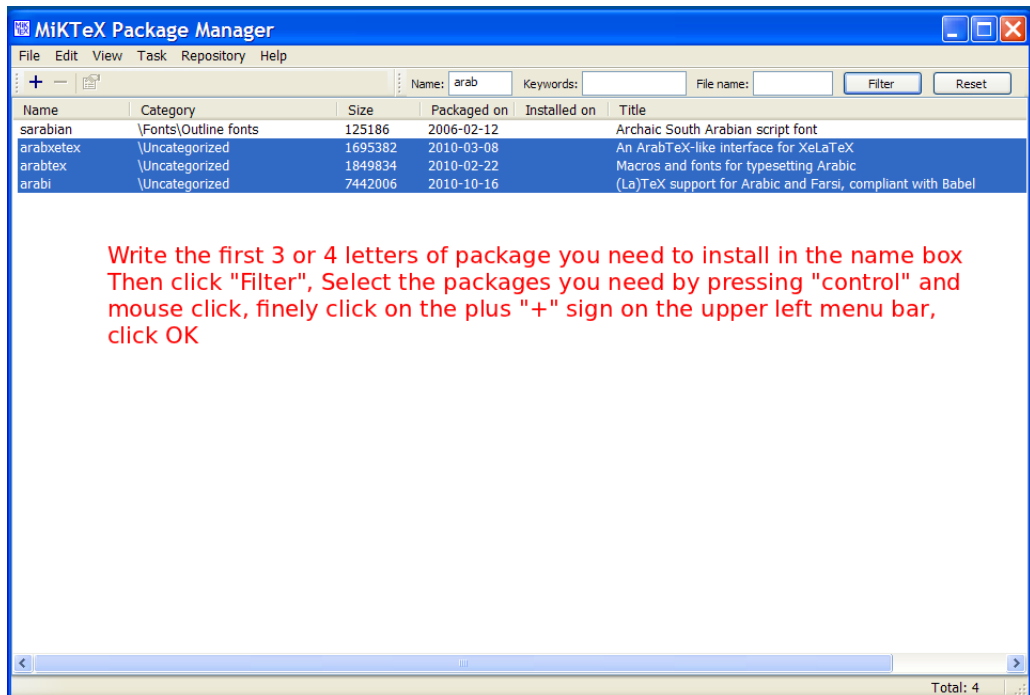
13. Then go again to the Start > MiKTeX > Maintenance > Package Manager to add some extra packages not included in the basic install. If you need that all these extra packages be available to users of your machine, select “Maintenance (Admin)” instead. I prefer the last option.

For medico-dental fields you need to install some extra packages

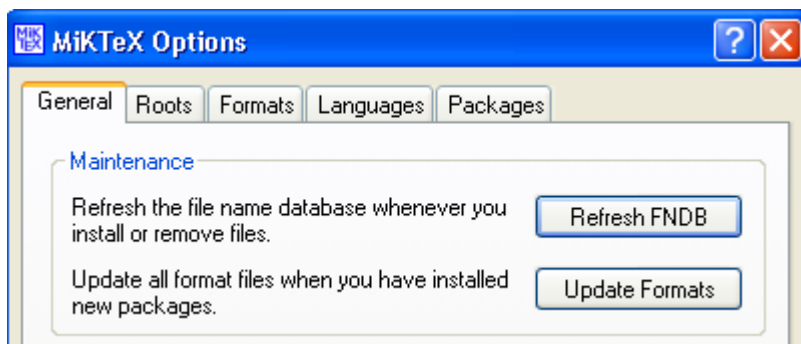
elsevier-bib - biblatex-nature - biblatex-mla - biblatex-jura - biblatex-chicago - bibhtml - babelbib - biblatex-apa - biblatex-science - jurabib - natbib - persian-bib - xepersian - anyfontsize - pgf - pdfpages - arabi - arabtex - arabxetex - ps - tikz - elsarticle - elsevier - endfloat - endnotes -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



14. Do as the comment written on the image and finish

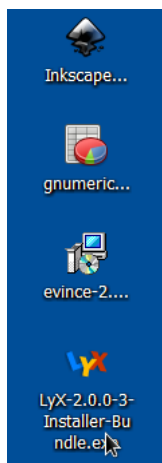


15. Do not forget to go again to Start menu > MiKTeX > Maintenance (Admin) > Settings and click on "Refresh FNDB" and on "Update Format"



2- LyX Install

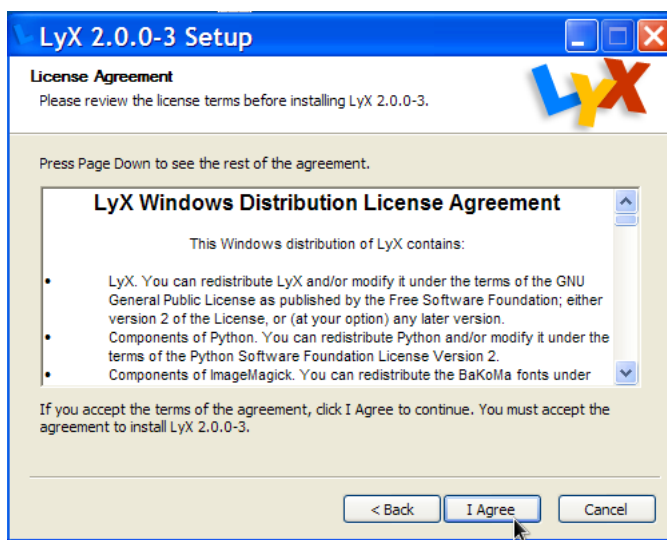
1. Download LyX and click on the downloaded software



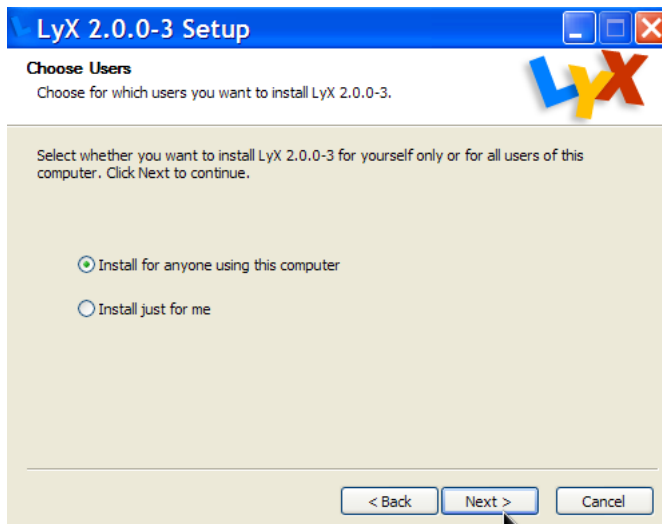
2. Click Next



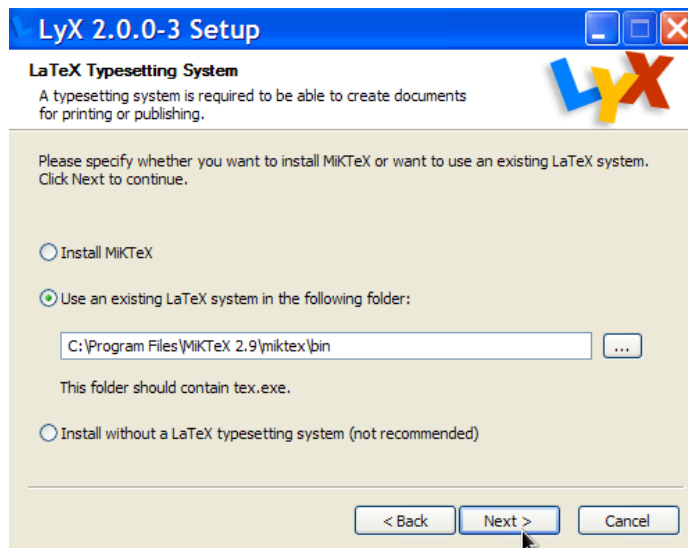
3. Click I Agree



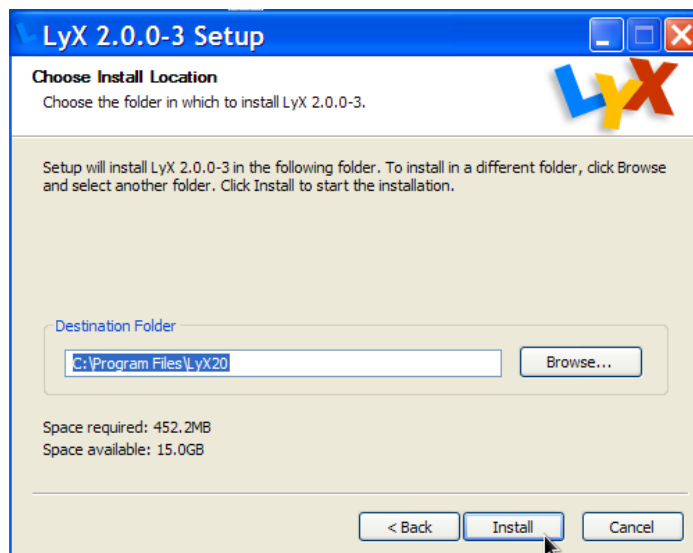
4. Select Install for anyone using this computer, then Click Next



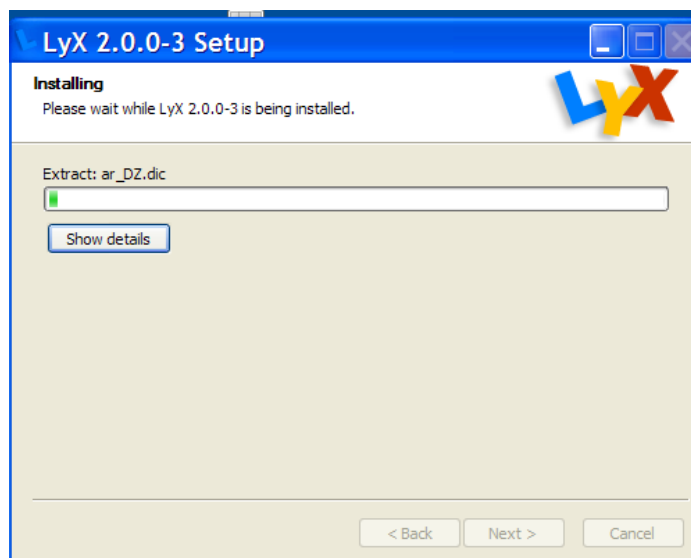
5. Click Next



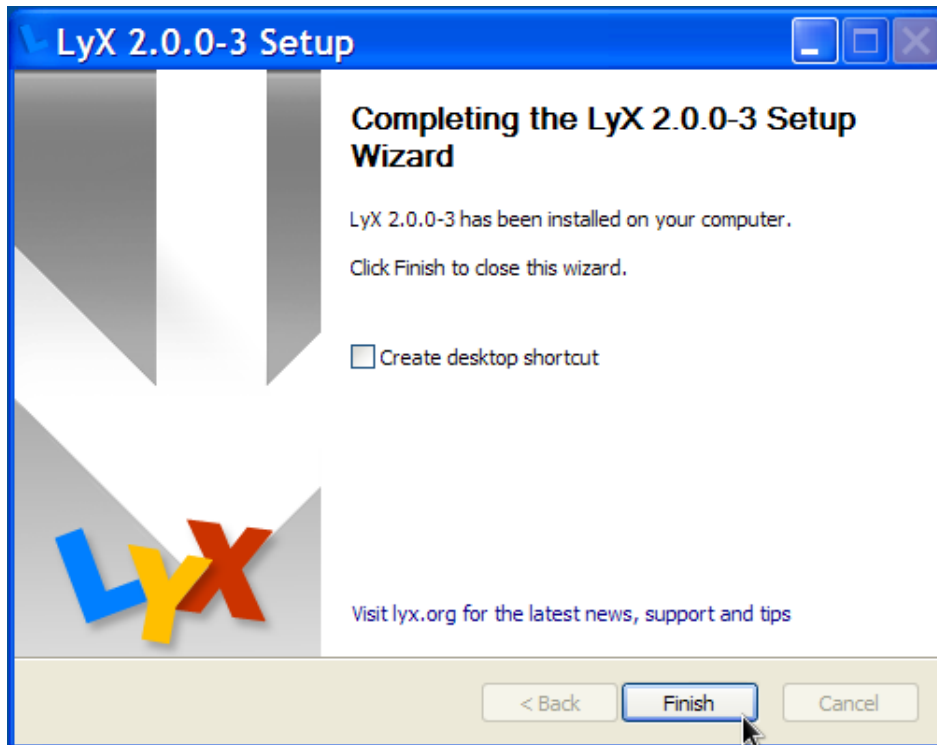
6. Click Install



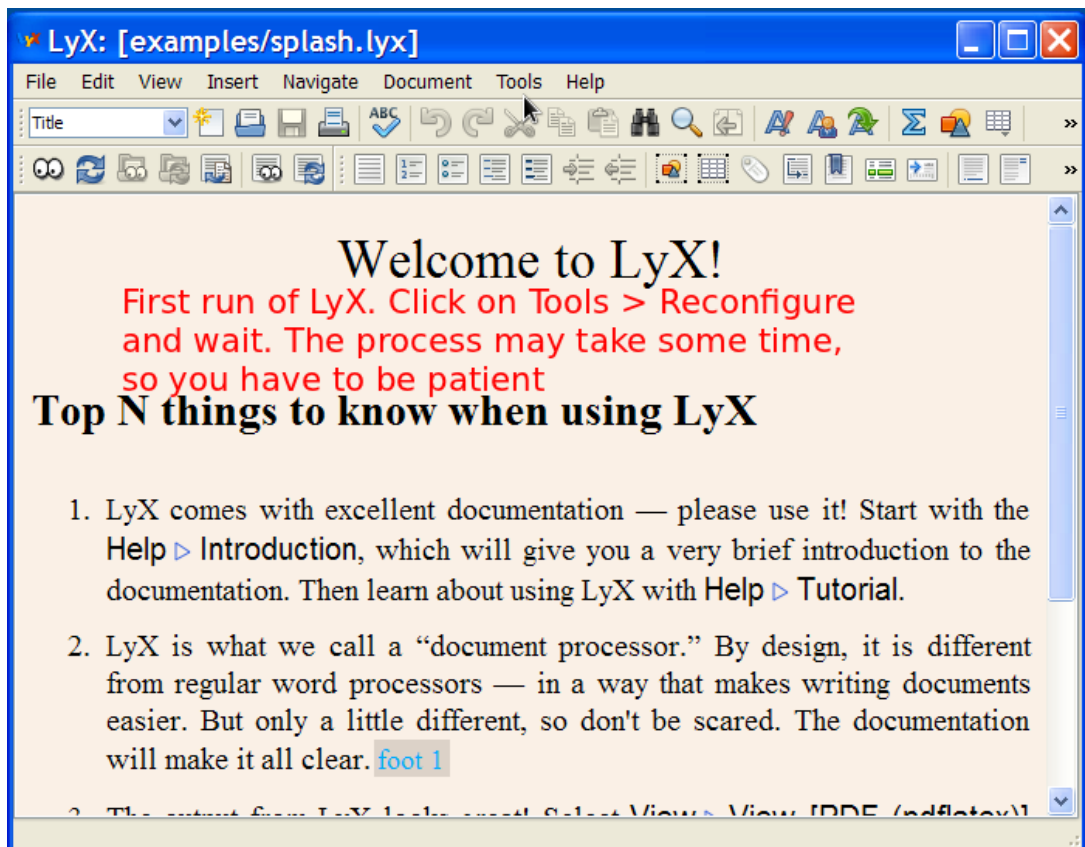
7. Wait and be patient again. The program will connect to the Internet



8. Click Create desktop shortcut, then click Finish



9. First run of LyX, may take a very long time (be patient). When this screen appear, click on Tools > Reconfigure, close and reopen the program. After every install of new package in MiKTeX, you have to reconfigure LyX.



10. When converting into PDF, you may encounter some errors like this one.

