

# Instalação $\text{\LaTeX}$

MiKTeX e TeXnicCenter

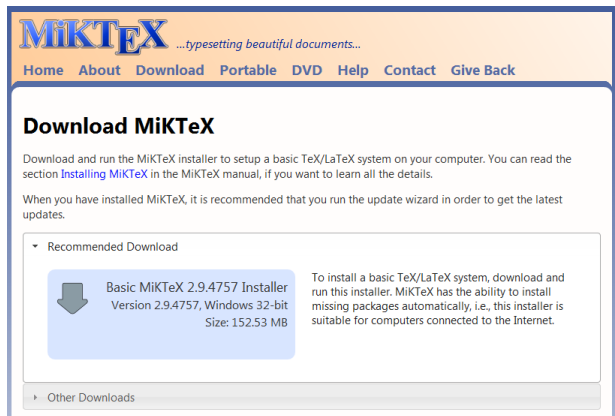
Rui Oliveira

JEEC

Março 2013

# Instalação MiKTeX

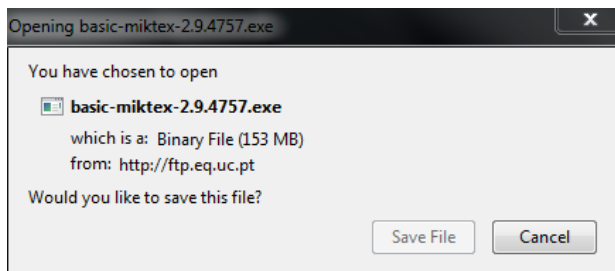
Ir ao link <http://MiKTeX.org/download> e fazer download do ficheiro de instalação.



The screenshot shows the MiKTeX website's download page. At the top, the MiKTeX logo is displayed in blue, followed by the tagline "...typesetting beautiful documents...". Below the logo is a navigation menu with links for Home, About, Download, Portable, DVD, Help, Contact, and Give Back. The main heading is "Download MiKTeX". The text below explains that users should download and run the MiKTeX installer to set up a basic TeX/LaTeX system, and refers to the "Installing MiKTeX" section of the manual for more details. It also recommends running an update wizard after installation. A "Recommended Download" section features a blue box with a download icon and the text: "Basic MiKTeX 2.9.4757 Installer, Version 2.9.4757, Windows 32-bit, Size: 152.53 MB". To the right of this box, a note states: "To install a basic TeX/LaTeX system, download and run this installer. MiKTeX has the ability to install missing packages automatically, i.e., this installer is suitable for computers connected to the Internet." At the bottom of the page, there is a link for "Other Downloads".

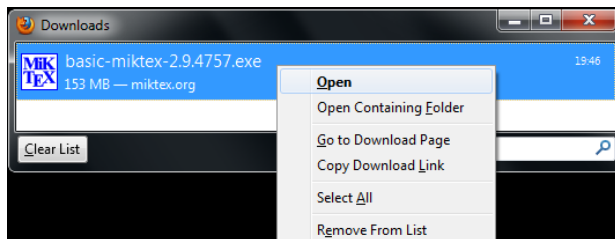
# Instalação MiKTeX

Clicar *Save File*



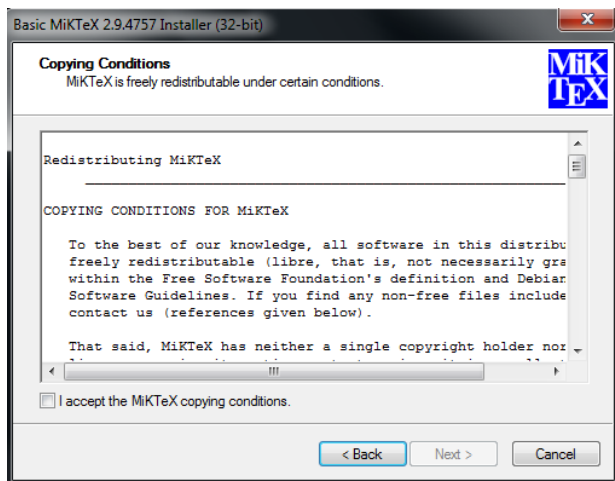
# Instalação MiKTeX

Abrir o ficheiro



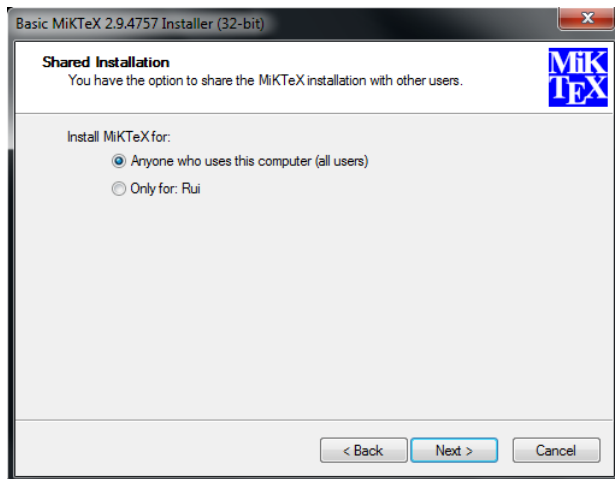
# Instalação MiKTeX

Seleccionar a caixa `I accept the MiKTeX copying conditions.` e clicar *Next >*



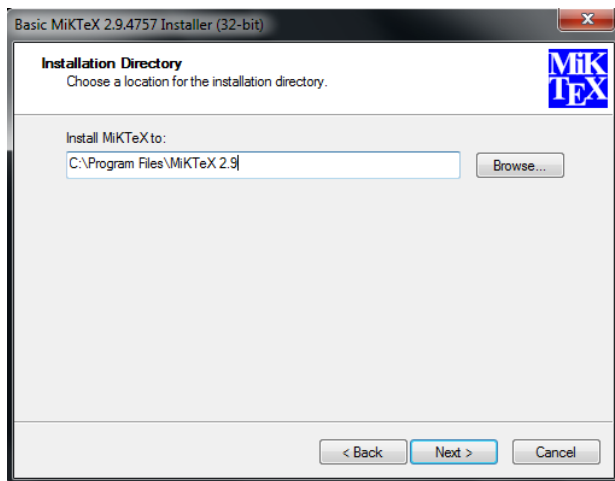
# Instalação MiKTeX

Clicar *Next* >



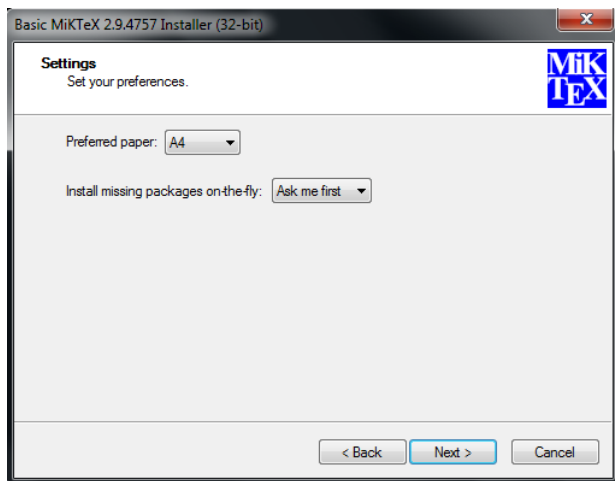
# Instalação MiKTeX

Clicar *Next* >



# Instalação MiKTeX

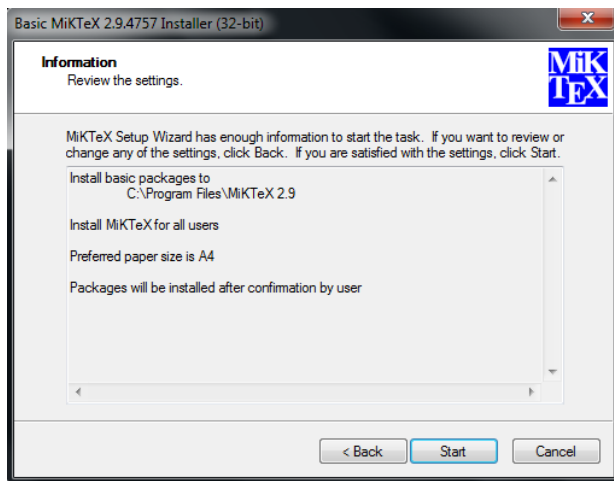
Clicar *Next* >



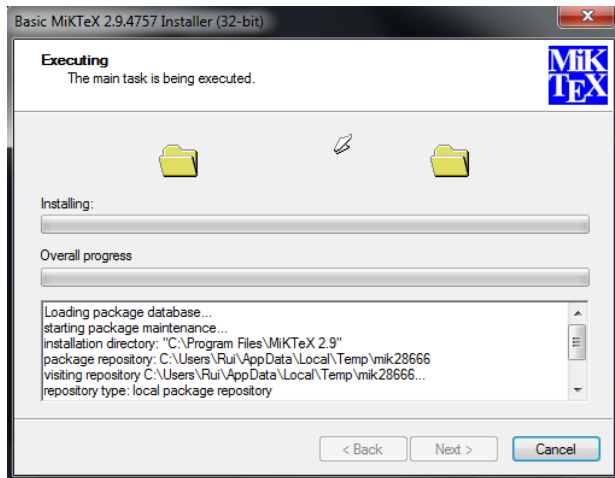


# Instalação MiKTeX

Clicar *Start*

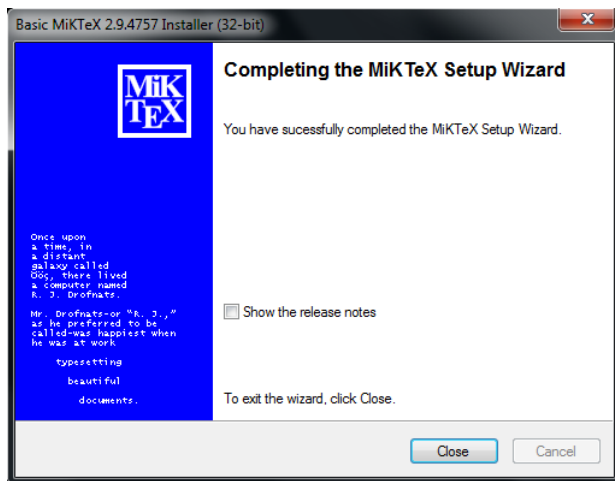


# Instalação MiKTeX



# Instalação MiKTeX

Clicar *Close*



# Instalação TeXnicCenter

Ir ao link

<http://www.texniccenter.org/resources/downloads/29> e fazer download do ficheiro de instalação adequado ao seu sistema

Firefox Downloads

www.texniccenter.org/resources/downloads/29

Home > Resources > Downloads

**BaKOMA TeX** True WYSIWYG LaTeX System

Forget annoying compile-preview loop

### Downloads

This is the list of downloads required for a TeXnicCenter installation. Most users will only need the first download.

**Installation Information for Updates:** You can install newer versions of TeXnicCenter on top of an old version, without uninstalling that old version before. That way your settings from the previous version will not get lost during the update process.

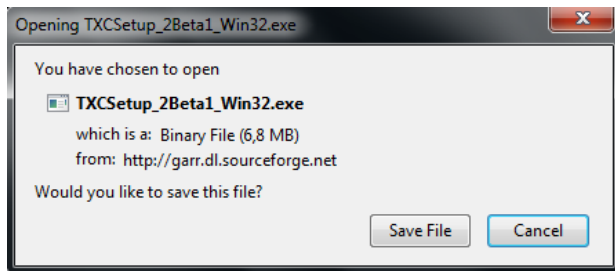
Display # 50

- 1 TeXnicCenter 2 Beta 1 Installer (32 Bit)  
Installs the 32-bit version of TeXnicCenter.

TeXnicCenter 2 Beta 1 Installer (64 Bit)

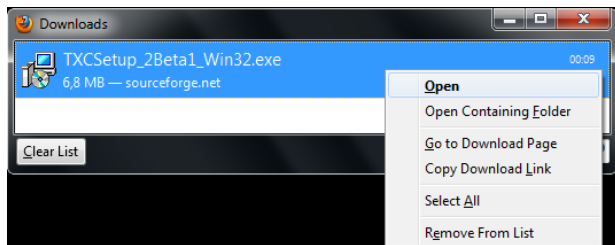
# Instalação TeXnicCenter

Clickar *Save File*



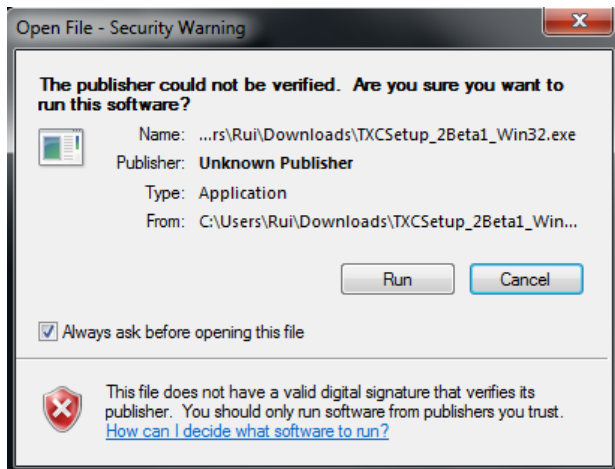
# Instalação TeXnicCenter

Correr o ficheiro descarregado



# Instalação TeXnicCenter

Clicar *Run*



# Instalação TeXnicCenter

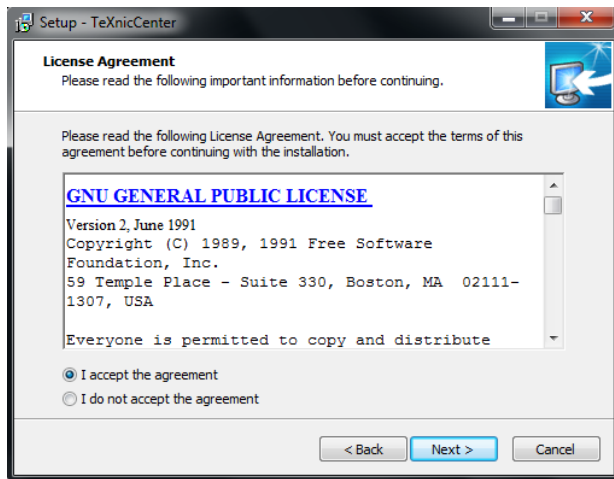
Clicar *Next* >





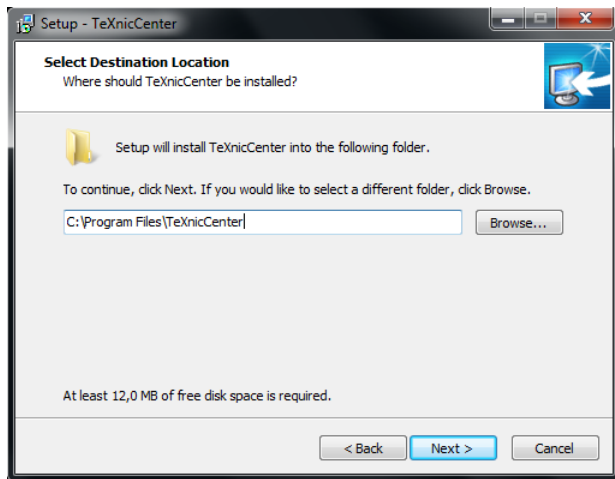
# Instalação TeXnicCenter

Clicar *Next* >



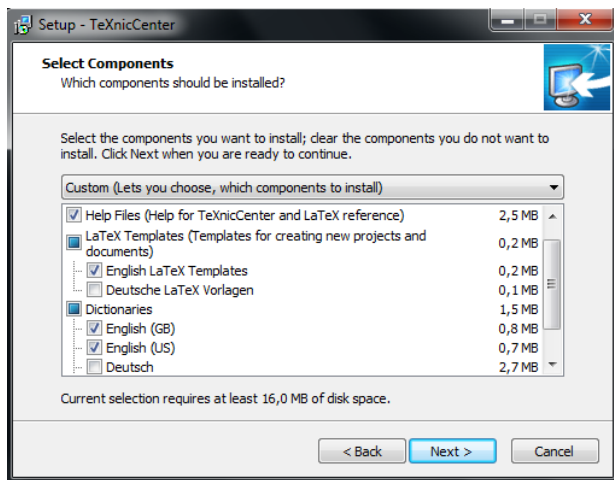
# Instalação TeXnicCenter

Clicar *Next* >



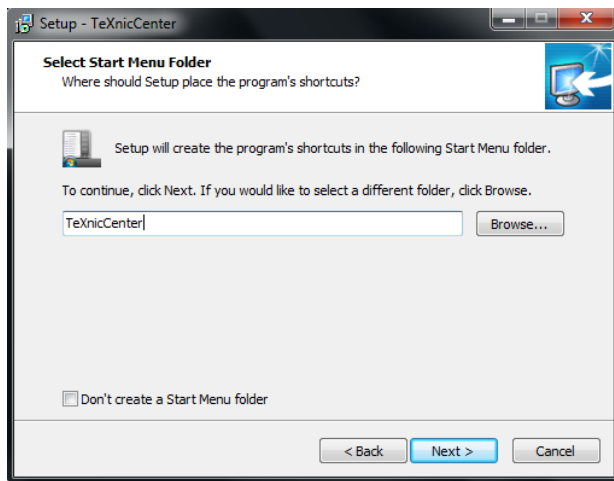
# Instalação TeXnicCenter

Escolher os componentes a instalar de acordo com a figura



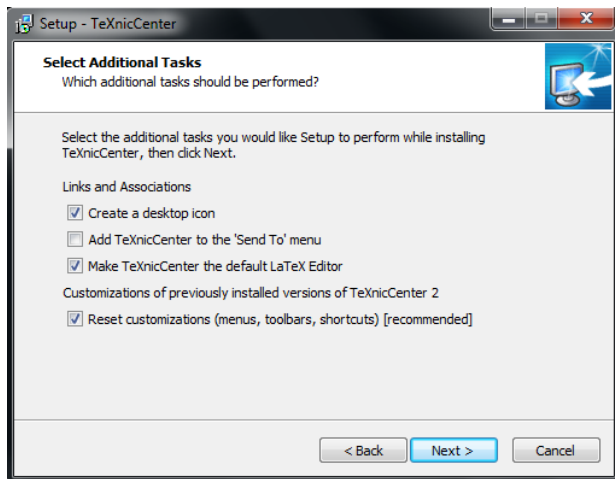
# Instalação TeXnicCenter

Clicar *Next* >



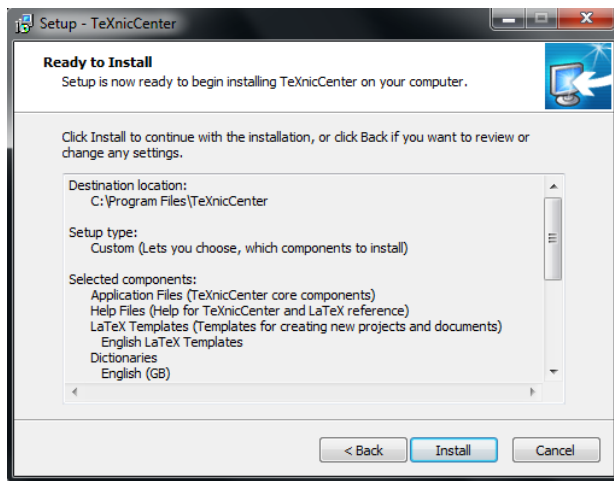
# Instalação TeXnicCenter

Clicar *Next* >



# Instalação TeXnicCenter

Clicar *Install*



# Instalação TeXnicCenter

Correr o programa clicando em *Finish*



# Instalação TeXnicCenter

Programa a inicializar...

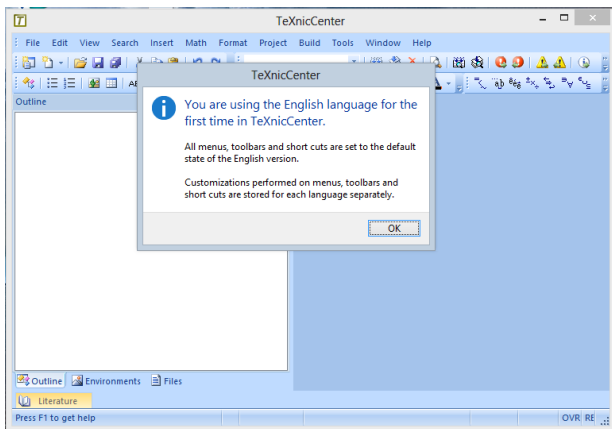
The logo for TeXnicCenter, featuring the text 'TeXnicCenter' in a white serif font with a subtle drop shadow, set against a dark blue gradient background.

Version 2.0 Beta 1. Loading... Please wait.  
Copyright © 1999-2012 The TeXnicCenter Team.



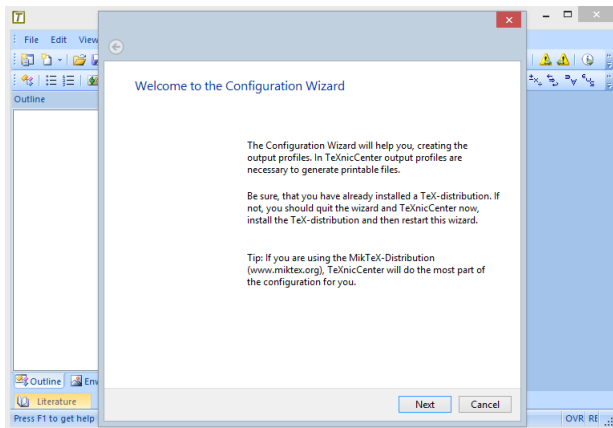
# Instalação TeXnicCenter

Clicar *OK*



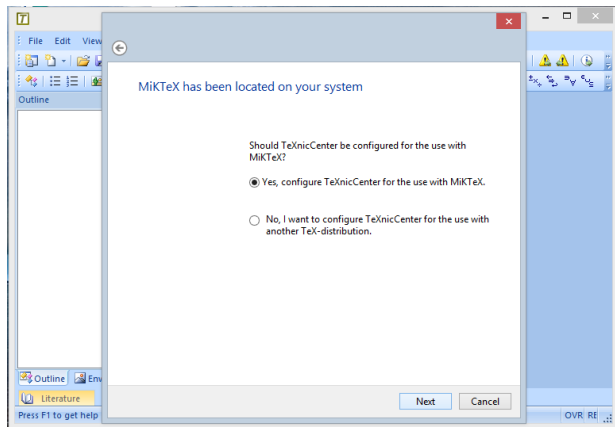
# Instalação TeXnicCenter

Clicar *Next*



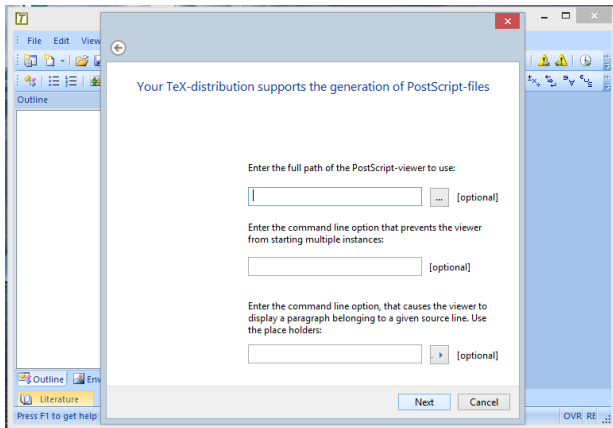
# Instalação TeXnicCenter

Escolher Yes, configure TeXnicCenter for use with MiKTeX. e clicar *Next*



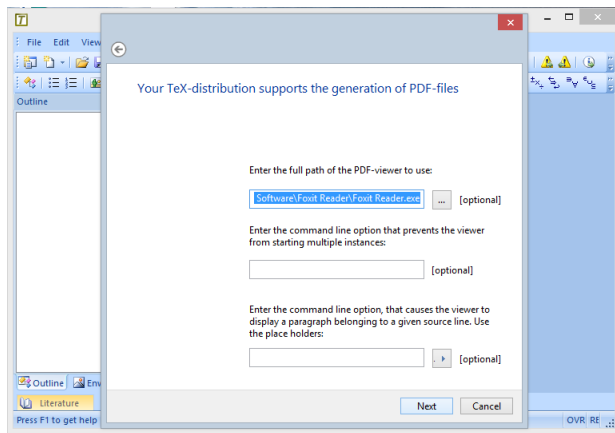
# Instalação TeXnicCenter

Não preencher nenhum campo e clicar *Next*



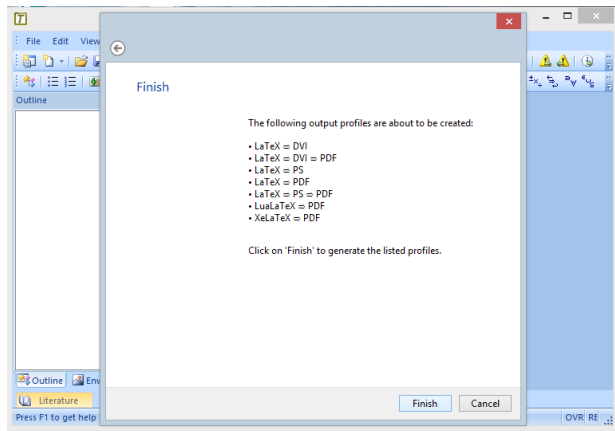
# Instalação TeXnicCenter

O campo Enter the full path of the PDF-viewer to use: deverá aparecer automaticamente preenchido. Se não tiver, indique o caminho do seu leitor de PDF's. Clicar *Next*



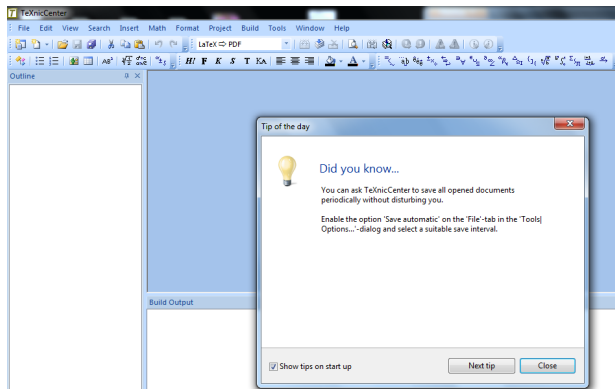
# Instalação TeXnicCenter

Clicar *Finish*



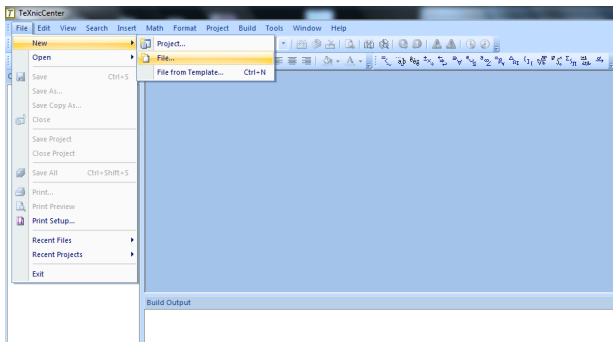
# Configuração

Clique *Close*



# Configuração

Faça `File > New > File...`





# Configuração

Escreva o seguinte texto, tal como se encontra na figura no slide seguinte

```
\documentclass{article}

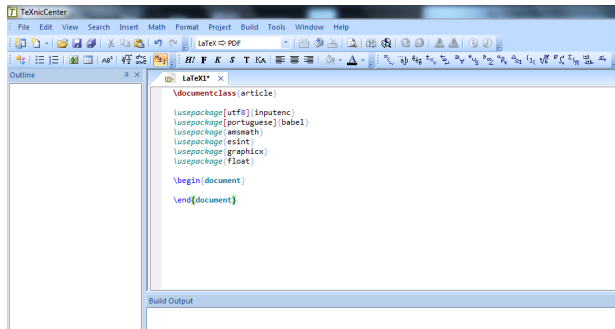
\usepackage[utf8]{inputenc}
\usepackage[portuguese]{babel}
\usepackage{amsmath}
\usepackage{esint}
\usepackage{graphicx}
\usepackage{float}

\begin{document}

\end{document}
```

# Configuração

Após introduzir o texto do slide anterior, deverá ter este aspecto



The screenshot shows the TeXnicCenter interface with a LaTeX source file open. The code in the editor is as follows:

```
\documentclass{article}

\usepackage[utf8]{inputenc}
\usepackage[portuguese]{babel}
\usepackage{amsmath}
\usepackage{esint}
\usepackage{graphicx}
\usepackage{float}

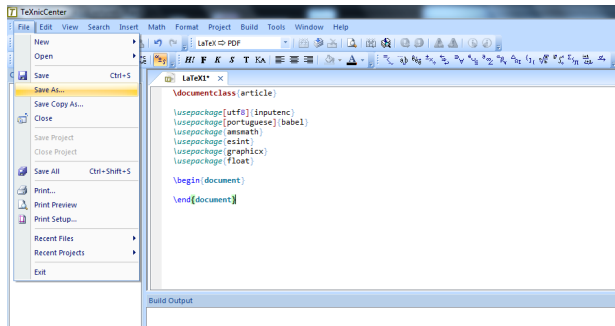
\begin{document}

\end{document}
```

The interface includes a menu bar (File, Edit, View, Search, Insert, Math, Format, Project, Build, Tools, Window, Help), a toolbar with icons for file operations and editing, and a status bar at the bottom labeled "Build Output".

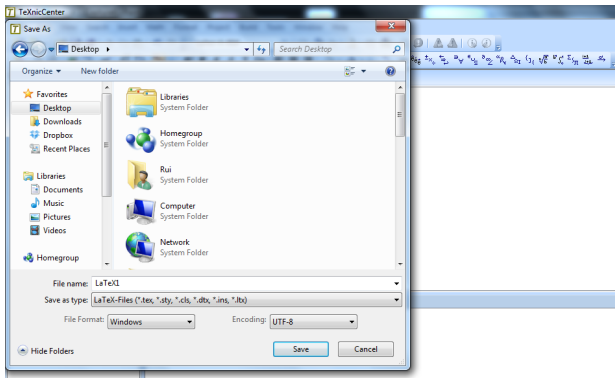
# Configuração

Grave o ficheiro, File > Save As ...



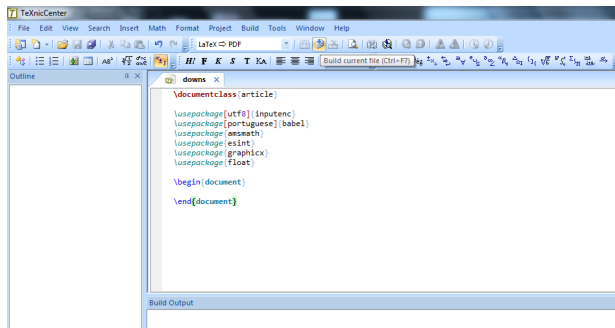
# Configuração

Defina onde guardar, mude o campo Encoding: para a opção UTF-8, e clique *Save*



# Configuração

Clique em *Build current file*, ou alternativamente pressione **Ctrl + F7**



The screenshot shows the TeXnicCenter interface. The main window displays a LaTeX document with the following code:

```
\documentclass{article}

\usepackage{utf8} \inputenc
\usepackage[portuguese]{babel}
\usepackage{amsmath}
\usepackage{esint}
\usepackage{graphicx}
\usepackage{float}

\begin{document}

\end{document}
```

The 'Build current file (Ctrl+F7)' button in the toolbar is highlighted with a red box. The 'Build Output' panel at the bottom is currently empty.

# Configuração

Irá aparecer a seguinte janela, clique *Install* e permita a instalação. Este janela irá aparecer algumas vezes mais, repita o procedimento.

