

Template Guide

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Getting started

Pandoc

It's extremely important to install a pandoc version higher than 1.12

- [Download pandoc](#)

Texlive

On linux

- There are two options:

(ubuntu example)

Strongly not recommended

```
sudo apt-get install texlive
```

Recommended

```
sudo apt-get install texlive-full
```

On windows

- [Download LaTeX language pack \(32 bits\)](#)
- [Download LaTeX language pack \(64 bits\)](#)

ITIC Template

- [Template for Linux](#)
- [Template for Windows](#)

Or use `git clone` and paste the url of the project to get it and `git pull` to update it

Windows info

For can use our template you must copy folder `templates` to `C:/Users/YOURUSERNAME/AppData/Roaming/pandoc`

In windows, the first time you run `pandoc yourfile.md -o yourfile.pdf`, you must install packages by pressing button install:

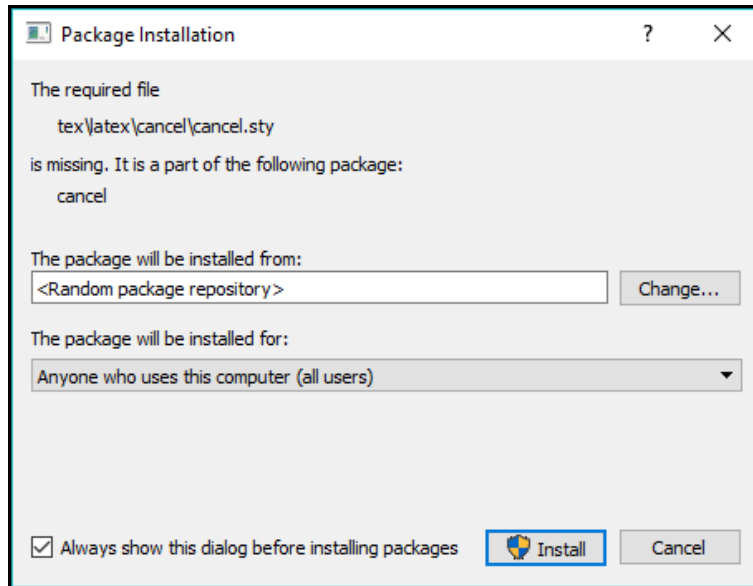


Figure 1: Message example

For correct use of template, you must copy folders `packages` & `images` to `C:/Users/pandoc`

Custom functions

- **autotemp**: Adds auto-toc, auto-footer, auto-header, auto-logo, auto-date and auto-numbersection

I recommend use it, and disable the options that you doesn't wish.

- **hide-date**: For hide autodate
- **hide-authors**: For hide authors in header
- **clear-pages**: For hide header and footer

Header and footer accepts \LaTeX functions as `\thepage`

- **header**: Define another header
- **footer**: Define another footer
- **no-codeblock**: For hide style of `lstlisting` 's
- **no-colorlinks**: For no auto color links
- **hide-toc**: For hide auto table of contents
- **hide-sectnum**: For hide auto section numbers
- **toc-color**: For define color of table of contents (as blue, red..)
- **lof** For show table of figures
- **lot** For show table of tables (Only for \LaTeX tables NOT Markdown)
- **lol** For show table of `lstlistings`
- **toc-title**: For define a title of table of contents
- **toc-depth**: 3
- **hide-logo**: For hide auto logo
- **logo-image**: test
- **logo-height**: 2
- **logo-width**: 2
- **include-before**: Contents included before body (may have multiple values)
- **include-after**: Contents included after body (may have multiple values)
- **pagecolor**: To change background color
- **wordcolor**: To change words color
- **cancelcolor**: For change color of cancel in maths
- **toccolor**: To change background color
- **lofcolor**: To change words color

- **lotcolor**: To change words color
- **toprint**: Add extra blankpages before cover, and toc, lof, lot, lol (*perfect for duplex print*)

Customized code-block:

- **code-background**: Change color of background
- **code-comments**: Change color of comments
- **code-keywords**: Change color of keywords
- **code-numbers**: Change color of numbers
- **code-strings**: Change color of strings
- **hide-codelines**: If it's true, code doesn't shows linenumber
- **code-size**: Change size

Valid colors: *codegray, codegreen, codepurple, codebluish, codebluish2, codeblue, codeyellowish* & all colors of **Xcolors package** **Valid sizes:** *tiny, scriptsize, footnotesize, small, normalsize, large, Large, LARGE, huge, Huge*

Custom your item-list:

- **item1**: Change item1 style
- **item2**: Change item2 style
- **item3**: Change item3 style
- **item4**: Change item4 style

Example:

- item 1
 - item2
 - ◇ item3
 - item4

Colors

- darkgreen
- darkblue
- darkred
- gold
- silver

You can use this colors typing `\color{darkgreen}` `Your colored text` `\color{black}`

You can use also colors of code block

Furthermore, you can use colors of [Xcolors package](#)

Xcolors package

You can know more about this package on [L^AT_EX Colors docs](#)

Name	
Apricot	Aquamarine
Bittersweet	Black
Blue	BlueGreen
BlueViolet	BrickRed
Brown	BurntOrange
CadetBlue	CarnationPink
Cerulean	CornflowerBlue
Cyan	Dandelion
DarkOrchid	Emerald
ForestGreen	Fuchsia
Goldenrod	Gray
Green	GreenYellow
JungleGreen	Lavender
LimeGreen	Magenta
Mahogany	Maroon
Melon	MidnightBlue
Mulberry	NavyBlue
OliveGreen	Orange
OrangeRed	Orchid
Peach	Periwinkle
PineGreen	Plum
ProcessBlue	Purple
RawSienna	Red
RedOrange	RedViolet
Rhodamine	RoyalBlue
RoyalPurple	RubineRed
Salmon	SeaGreen
Sepia	SkyBlue
SpringGreen	Tan
TealBlue	Thistle
Turquoise	Violet
VioletRed	White
WildStrawberry	Yellow
YellowGreen	YellowOrange

Code

INCLUDED 'asm' code language for highlight LDI, MOV..

```
\lstinputlisting[language=asm, caption="Assembly script"]{path/to/file.S}
```

For use code style invoke pandoc as: `pandoc yourfile.md -o yourfile.pdf --listings`

Then an example of code:

```
1 def sayHello():
2     print ('Hello world!')
3
4 if __name__ == '__main__':
5     sayHello()
```

Listing 1: Hello this is your custom caption

Framed text or content

```
\begin{framed}
```

Framed style 1

```
\end{framed}
```

```
\begin{mdframed}[backgroundcolor=blue!20] (texlive-full REQUIRED)
```

Framed style 2

```
\end{mdframed}
```

```
\begin{shaded*}
```

Framed style 3

```
\end{shaded*}
```

Framed style 1

(texlive-full required)

Framed style 2

Framed style 3

Shortcuts

`\aline` # *Line higher*

`\und{Text underlined}` # *Quick underline command*

Text underlined

`\ar` # *For instert a Arrow, (not valid inside dollars)*

⇒

Languages

texlive-full package

texlive-full REQUIRED

```
---  
lang: true  
babel-lang: your_language  
---
```

Note : If you can't find your language, check if exists in tex packages [here](#) !

Content color boxes

texlive-full REQUIRED

```
\redbox{Title}{  
  Content with \textsc{\LaTeX} commands only  
}
```

```
\greenbox{Title}{  
  Content with \textsc{\LaTeX} commands only  
}
```

```
\yellowbox{Title}{  
  Content with \textsc{\LaTeX} commands only  
}
```

```
\bluebox{Title}{  
  Content with \textsc{\LaTeX} commands only  
}
```

```
\coloredbox{CornflowerBlue}{Title}{Apricot}{  
  Content with \textsc{\LaTeX} commands only  
}
```

Title

Content with \LaTeX commands only

Title

Content with \LaTeX commands only

Title

Content with \LaTeX commands only

Title

Content with \LaTeX commands only

Title

Content with \LaTeX commands only

Maths

Commands

texlive-full REQUIRED

\$\$

$f(t) = e^{a \cdot t} \rightarrow \text{\texttt{\textbackslash laplace}\{f(t)\}} = \text{\texttt{\textbackslash laplace}\{ e^{a \cdot t}\}} = \text{\texttt{\textbackslash frac}\{1\}\{s-a\}}$

\$\$

\$\$

$f(s) = \text{\texttt{\textbackslash frac}\{1\}\{s - a\}} \rightarrow \text{\texttt{\textbackslash invlaplace}\{f(t)\}} = \text{\texttt{\textbackslash invlaplace}\{\text{\texttt{\textbackslash frac}\{1\}\{s-a\}\}} = e^{a \cdot t}$

\$\$

$$f(t) = e^{a \cdot t} \implies \mathcal{L}\{f(t)\} = \mathcal{L}\{e^{a \cdot t}\} = \frac{1}{s - a}$$

$$f(s) = \frac{1}{s - a} \implies \mathcal{L}^{-1}\{f(t)\} = \mathcal{L}^{-1}\left\{\frac{1}{s - a}\right\} = e^{a \cdot t}$$

Fancy boxed commands

\$\$

$\text{\texttt{\textbackslash fboxed}\{\text{\texttt{\textbackslash cancel}\{4\}}\}} \text{\texttt{\textbackslash }} = \text{\texttt{\textbackslash }} \text{\texttt{\textbackslash fboxed}\{\text{\texttt{\textbackslash cancel}\{4\}}\}}$

\$\$

\$\$

$\text{\texttt{\textbackslash fboxed}\{\text{\texttt{ForestGreen}}\}\{\text{\texttt{\textbackslash cancel}\{4\}}\}}$

\$\$

The diagram illustrates the use of fancy boxed commands. It shows three boxes, each containing the symbol $\cancel{4}$. The top row consists of a grey box, followed by an equals sign, and then a purple box. Below these, centered, is a green box.