
L^AT_EX

MSC COMPUTER SCIENCE

PROGRAMME TUTORIAL

APRIL 27, 2022

Introduction, CV and Thesis Template

Use cases

L^AT_EX is commonly used for academic documents and CV's. Creating your CV in L^AT_EX can give you more freedom to format your document how you would like. For academic documents, such as your summer project group report and individual report, L^AT_EX can provide a clean way to collaborate on a document while cleaning up a lot of the process of formatting your document.

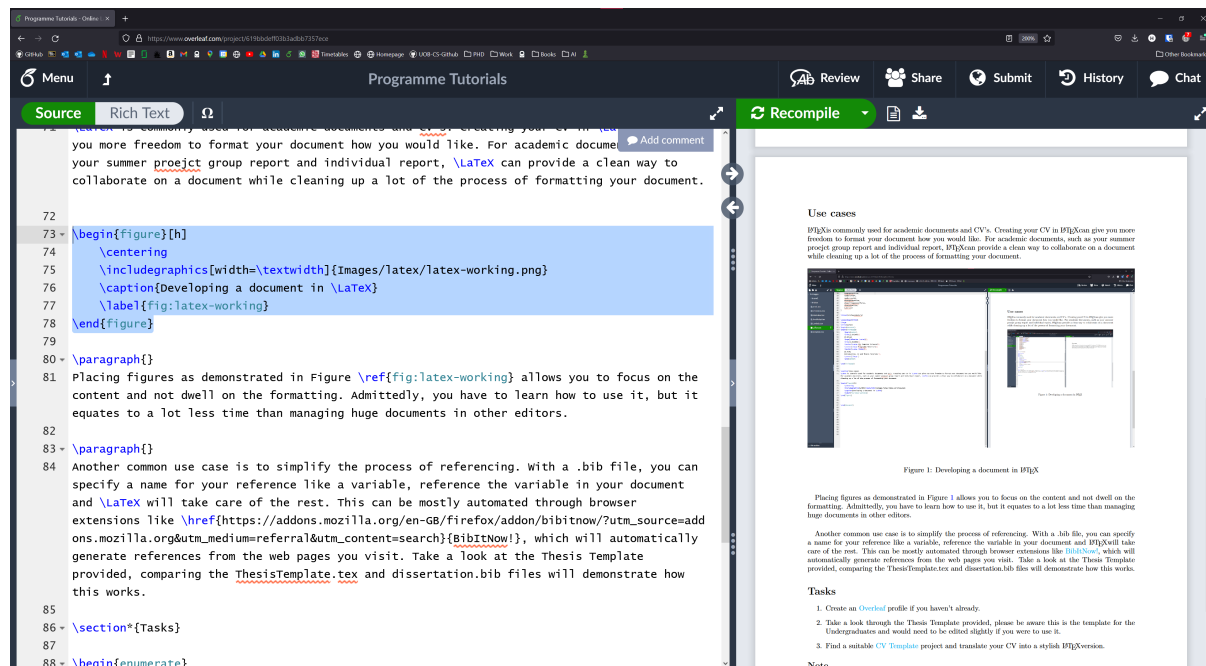


Figure 1: Developing a document in L^AT_EX

Placing figures as demonstrated in Figure 1 allows you to focus on the content and not dwell on the formatting. Admittedly, you have to learn how to use it, but it equates to a lot less time than managing huge documents in other editors.

Another common use case is to simplify the process of referencing. With a .bib file, you can specify a name for your reference like a variable, reference the variable in your document and L^AT_EX will take care of the rest. This can be mostly automated through browser extensions like [BibItNow!](https://addons.mozilla.org/en-GB/firefox/addon/bibitnow/?utm_source=addons.mozilla.org&utm_medium=referral&utm_content=search), which will automatically generate references from the web pages you visit. Take a look at the Thesis Template provided, comparing the ThesisTemplate.tex and dissertation.bib files will demonstrate how this works.

Tasks

1. Create an [Overleaf](#) profile if you haven't already, it is recommended that you use your student email as Overleaf offers student benefits.
2. Take a look through the Thesis Template provided, this is the template for the Undergraduates, but gives the same general formula for your summer project report. (create a new project in Overleaf, selecting 'upload project' from the drop down menu and use the ThesisTemplate.zip file)
3. Find a suitable [CV Template](#) project and translate your CV into a stylish L^AT_EX version.

Note

If you would like, you can purchase the [Student plan](#) for the summer at £6 per month, which will allow you to write a document with up to 6 collaborators. This is not essential but may streamline your process.