An Introduction to LaTeXand Git

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1 LaTeXIntroduction

Latex [1] is a document preparation system for high-quality typesetting by which a writer uses plain text instead of formatted text you have seen in Microsoft Word. Scientific and technical documents can benefit from the LaTeXfeatures as it easily facilitates producing very high quality and complex documents through, including but not limited to, exceptional referencing capabilities and management of tables, figures, or bibliographic. In addition, you can find freely available templates for any document.

Exercises

There is a 30-minute introduction to learn LaTeX. Follow Learn LaTeXin 30 Minutes tutorial, and you will learn the basics helping you with the following exercises for the first part of the workshop. To practise LaTeX, you can use different tools either offline (e.g., TexWorks) or online. In this workshop, we are after the online one called Overleaf as the well-known platform for working with LaTeX. Before following the tutorial, you need to create an account on Overleaf. You may use your personal email or your university email address (ending @students.mq.edu.au). Since Macquarie University has an enterprise subscription with Overleaf, you will have full access to the Overleaf by using your university email address.

1.1 Task 1.1: Create your first LaTeXdocument

You are required to create a (LaTeX) document for the first part of the workshop that contains the following items:

Title	Description
Yes	Means not no
git command	git description

2 ds-sim

ds-sim [4] is an open-source, language-independent and configurable distributed systems simulator. It is designed to perform a quick and realistic simulation of job scheduling and execution in distributed systems, such as computer clusters and (cloud) data centres.