

# Deliverable 1

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## What is a static site generator?

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A **static site generator** is a tool made to automate the creation of web pages. Using a template and data parameters a Static site generator can generate an HTML file for a specific purpose.

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## What is Jekyll

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Jekyll is a static site generator that has risen in popularity for its integration with github.

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## What is github

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Github is a for profit cloud service for hosting files using the open source distribution control program: git.

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## How to install Jekyll in Ubuntu

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Jekyll is installed using simple commands

Command	Purpose
<pre>sudo apt-get install ruby-full build-essential zlib1g-dev</pre>	Download Ruby and all of the other prequesites
<pre>echo '# Install Ruby Gems to ~/gems' &gt;&gt; ~/.bashrc echo 'export GEM_HOME="\$HOME/gems"' &gt;&gt; ~/.bashrc echo 'export PATH="\$HOME/gems/bin:\$PATH"' &gt;&gt; ~/.bashrc source ~/.bashrc</pre>	Installs ruby gems to your home account
<pre>gem install jekyll bundler</pre>	Installs jekyll

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## Building a jekyll website

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Jekyll websites have a file directory set to the following structure.

Directory/file	Purpose
_posts	Contains daily posts
_static	Contains the compiled website
about.markdown	The about page

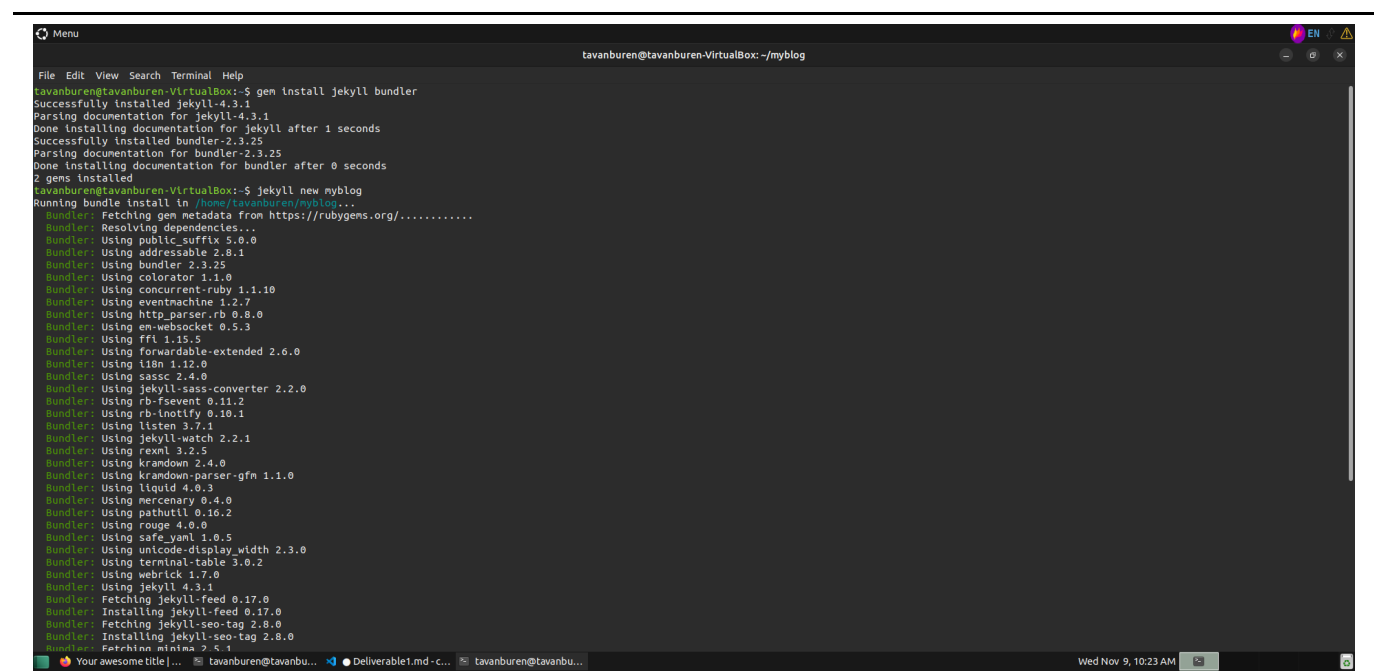
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Directory/file	Purpose
index.markdown	The home page
404.html	Contains the 404 page
config.yml	Contains the sitewide

###Documenting the Process of building a site.



Installing the prereqs



Installing Jekyll and using a command to create a website

A basic website, before and after testing ,making a new post