

Unix project journal 1

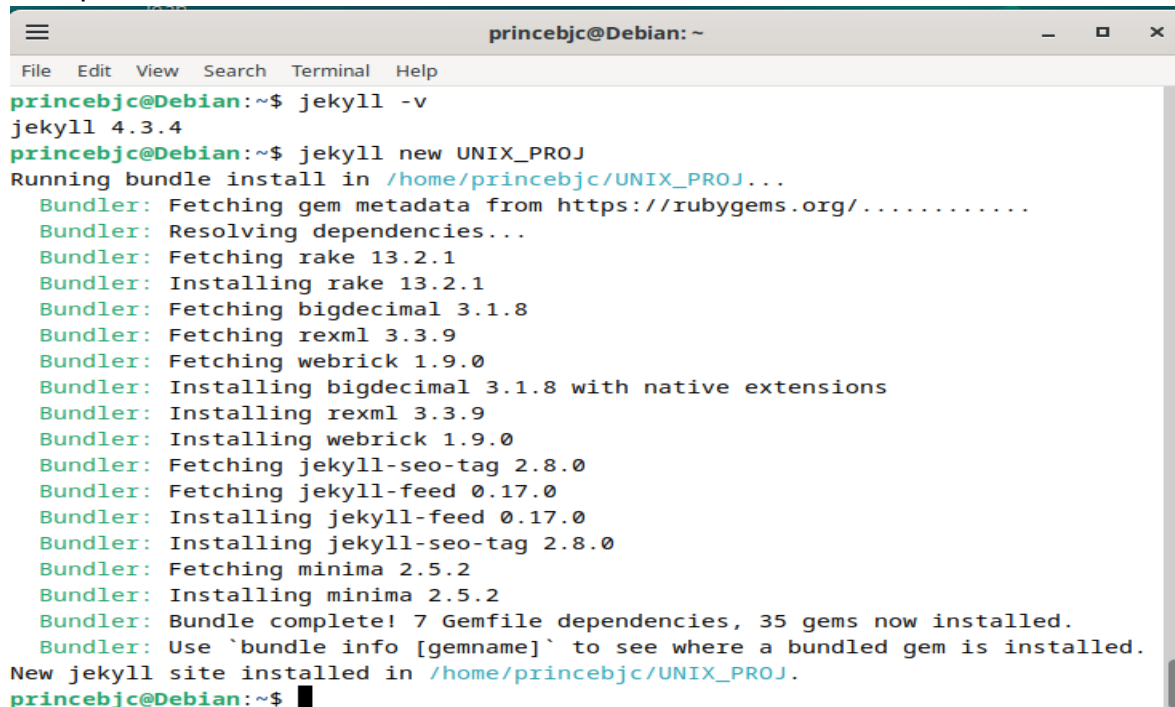
November 13, 2024:

- I reviewed the labs (6 and 7) we did in class about nginx webserver.
- I did small research about the VPS (Virtual Private Server) because we'll need one to deploy a static website. Example: Bluehost, Hostinger, GoDaddy, etc.
- I watched a tutorial of how to create a Jekyll static website. This video explains what is Jekyll, how to install it, and its site folder.
<https://www.youtube.com/watch?v=iWowJBRMtpc&t=292s>

November 17, 2024:

- Today, I created Jekyll static website by following the instructions from its website. Also, I used AI to install it because some instructions from the website aren't clear. Like the command to create the site folder, and to deploy the static website to the local server aren't explained well.

This picture is for the installation

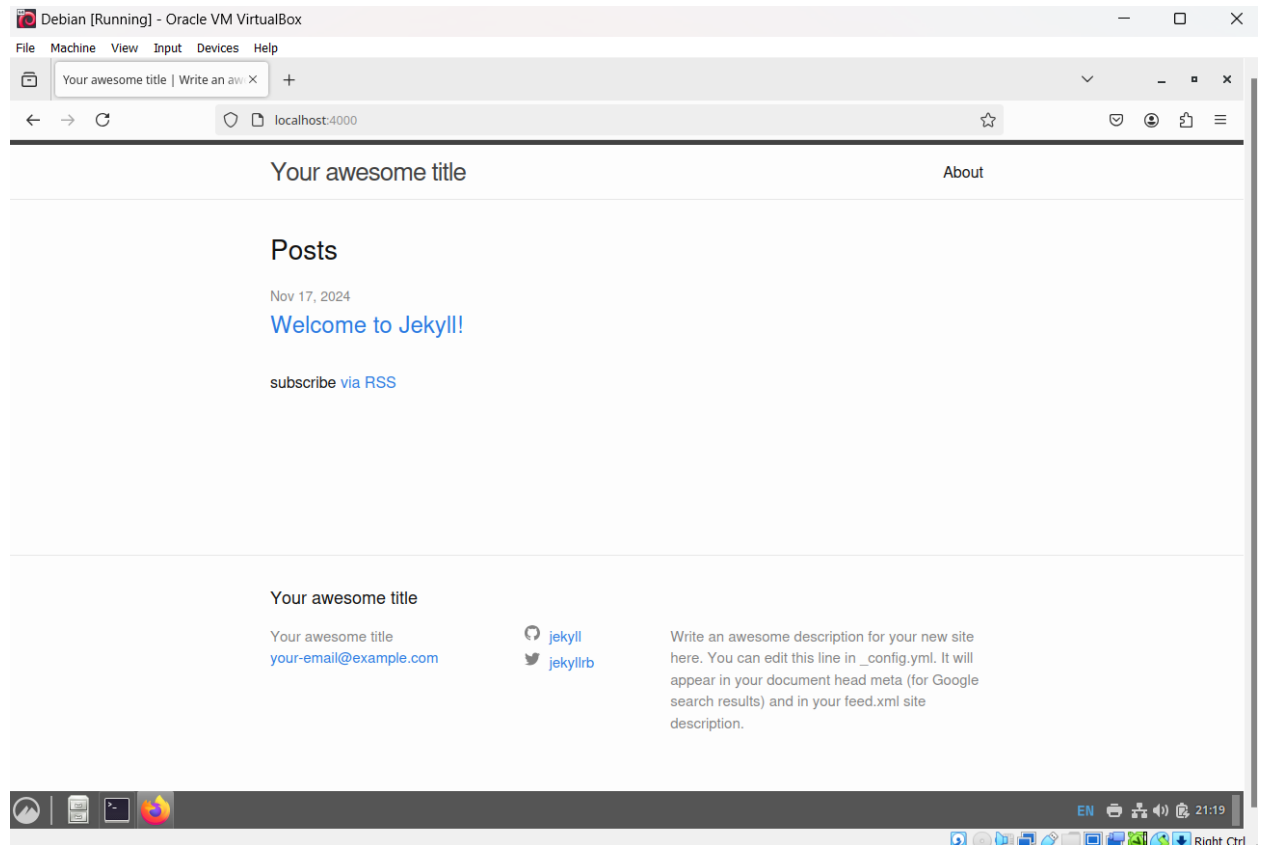


```
princebjc@Debian: ~  
File Edit View Search Terminal Help  
princebjc@Debian:~$ jekyll -v  
jekyll 4.3.4  
princebjc@Debian:~$ jekyll new UNIX_PROJ  
Running bundle install in /home/princebjc/UNIX_PROJ...  
Bundler: Fetching gem metadata from https://rubygems.org/.....  
Bundler: Resolving dependencies...  
Bundler: Fetching rake 13.2.1  
Bundler: Installing rake 13.2.1  
Bundler: Fetching bigdecimal 3.1.8  
Bundler: Fetching rexml 3.3.9  
Bundler: Fetching webrick 1.9.0  
Bundler: Installing bigdecimal 3.1.8 with native extensions  
Bundler: Installing rexml 3.3.9  
Bundler: Installing webrick 1.9.0  
Bundler: Fetching jekyll-seo-tag 2.8.0  
Bundler: Fetching jekyll-feed 0.17.0  
Bundler: Installing jekyll-feed 0.17.0  
Bundler: Installing jekyll-seo-tag 2.8.0  
Bundler: Fetching minima 2.5.2  
Bundler: Installing minima 2.5.2  
Bundler: Bundle complete! 7 Gemfile dependencies, 35 gems now installed.  
Bundler: Use `bundle info [gemname]` to see where a bundled gem is installed.  
New jekyll site installed in /home/princebjc/UNIX_PROJ.  
princebjc@Debian:~$
```

After the installation, the next step was to create the site folder which contains all

Default directories, and files to run the website. And deploy the website to the local server. <http://localhost:4000>

This picture is for the deployed website



The static website I created has no content since we'll choose one to use for the project.

Luckily, I had no errors while I was installing and creating the website. It was a bit hard to understand but it worked.

Git repository: <https://github.com/ParthPatelA/UnixProject.git>