

How to run the website

Mac (preferred) /Windows 10 pro:

1. Download docker for mac here:
<https://store.docker.com/editions/community/docker-ce-desktop-mac>
Or download docker for windows here:
<https://store.docker.com/editions/community/docker-ce-desktop-windows>
(You will need to create an account the download either, which you will need anyways in order to pull the executable image of our project)
2. Follow the instructions to download docker and start the application once it is installed
3. Run “docker pull will1397/adventum:original”
4. Download docker-compose.yml
https://drive.google.com/file/d/1JBPDob_YO753GA8kA7l2EWXrQPYBZT7W/view?usp=sharing
5. Go to directory that docker-compose.yml was downloaded to
6. Run `docker-compose up`
 - a. If this does not work, ctrl-c and try again (this happens due to a docker race condition that we do not have control over)
7. Now navigate to localhost:8081 on your web browser of choice and the website should appear

Windows 10 home or older:

1. Download Docker toolbox for Windows, the link is:
https://docs.docker.com/toolbox/toolbox_install_windows/
2. Click on the button “Get Docker Toolbox for Windows”
3. Once the file has been downloaded click on the executable file and the Docker installer will start
4. Click ‘next’ until you reach the option to install (do not change any of the default installation options) then click ‘install’
5. Once the installer is finished, the Docker Quickstart Terminal should start automatically, if not, search for the application and start it
6. At this point, the docker terminal will either start correctly (you will see the docker logo which is a whale on the terminal) or it will error out
 - a. The most common error is something like this: “This computer doesn't have VT-X/AMD-v enabled. Enabling it in the BIOS is mandatory.” At this point you will have to go into your BIOS and enable that setting
 - b. Getting into the BIOS can be done by shutting down your computer completely and pressing a specific button (varies based on manufacturer) while the computer is starting up. (More specific information for entering your specific BIOS can be found by googling instructions for your specific laptop)

- c. The setting to enable VT-X/AMD-v can usually be found under settings for the CPU (it may just be called Virtualization Technology/etc. instead)
 - d. Once the docker quickstart terminal is up and running, you should see a whale
- 7. Installing docker should have also installed Oracle VM VirtualBox, search for the application and start it
- 8. Go to Settings->Network->Advanced->Port Forwarding and click on the green plus to add a new rule
- 9. Type in 8081 in the Host Port and Guest Port Columns (leave the other columns blank) and click 'OK.' You can now exit out of the Oracle VM VirtualBox Manager
- 10. Run "docker pull will1397/adventum:original"
- 11. Attached to these instructions is a docker-compose.yml file, which you will use to build and run our program
- 12. Run this command in a terminal in the same directory as the docker-compose.yml file:
docker-compose up
- 13. Now navigate to localhost:8081 on your web browser of choice and the website should appear

Linux (preferred):

- 1. Run: sudo apt-get install -y docker-ce
- 2. Run "docker pull will1397/adventum:original"
- 3. Attached to these instructions is a docker-compose.yml file, which you will use to build and run our program
- 4. Run this command in a terminal in the same directory as the docker-compose.yml file:
docker-compose up
- 5. Now navigate to localhost:8081 on your web browser of choice and the website should appear