

Increment 1 Installation Instructions

Installation overview

This document explains how to install RoyalReader, the online e-bookstore that also includes a forum for communication with fellow authors and readers. Some of these components will only need to be installed once however some (such as the code) will need to be installed with each upload. RoyalReader was coded using html and php then designed with CSS by using brackets and code pen. Because the images were uploaded through a third party and the links were put into the code, the image files aren't included in the links.

Installation Overview Update:

The Official Homepage Link for this project is:

<http://localhost/RoyalReader/RoyalReaderHomePage.html> however after logging in you will be redirected to the login homepage which will give you access to the features of this site such as the Royal Reader Notepad, Forum, Read, and Write sections. These are the key features of the project so you must use the login screen to access them.

HTML, CSS, and Brackets

For the basics, in order to view the code, since this is a website, you can get by with basic notepad or any text editor that can read and understand html. While this is a good and simple resource, I would recommend using Brackets because it helps make the code easier to read and understand and highlights mistakes much more clearly. Brackets also provides flash viewing, unlike a notepad where you would need to save the document with a .html, close it then view it, using Brackets you can instantly view the results instantly.

LocalHost/phpMyAdmin

In order to see the server-side controls you will need a computer that can run phpMyAdmin, a software tool that handles administration of MySQL over the web. Php will be very important for the first increment because it will show how to register users to the website and phpMyAdmin will allow you to see users that are registered, which can then be deleted by admins with access.

XAMPP Control Panel

In order to run localhost (<http://localhost/phpmyadmin>) you will need XXAMP because in order to run server side languages you need a web server.

Install Brackets

While it isn't required for viewing html, I will go over it.

1. Go to brackets.io and click the download Brackets button to download the latest version of Brackets.
2. Click the download button to start the installation process.
3. The File Download dialog button will appear, and you can choose to run or save the download file.
4. To run the installer click Run.
5. The installation process starts. Click the installation button and accept

the license terms and agreements to continue the installation. 6. Confirm any other dialog button and choose a folder where you would like to save it, also choose whether you want the icon button on your homepage or not. Once the process is complete you will only need to install Brackets once.

Install XAMPP

1. Go to <https://www.apachefriends.org/index.html>. Go to the download green arrow and click your operating system (Windows, Linux, or OS X). 2. It will start the installation process and once it's finish run the installer. Accept the license terms and agreement to continue the installation. 3. Confirm any dialogue boxes and choose whether your icon button on your homepage or not. Once the installation is complete you only need to install once. 4. In order to use localhost, you need to run Apache and MYSQL on the XAMPP on the control panel.

Install Royal Reader

1. Create a folder in your XAMPP "htdocs/" folder. In that folder install the source code form increment 1. 2. Unzip the code and then move it to the htdocs folder of your choice. 3. To view the Royal Reader website, go to your XAMPP control panel and run Apache and MYSQL. Then in a browser of your choice type in "localhost/" name of the folder you put in htdocs".

Increment 3 Installation Instructions

You will need to complete the following steps in this increment:

1. Remove the previous Royal Reader File
2. Copy the new (current) application file
3. Apply the database additions and changes to support the system features implemented in this increment

Remove the Previous Royal Reader File

1. Open the folder you previous created for the executable. The recommended folder was C:\htdocs\RoyalReader
2. Delete the Royal Reader Folder
3. Delete the Desktop shortcut if previously created

Copy the new Application File

1. Download the new Royal Reader File from the canvas Seminole state site.
2. Unzip the File and add it to htdocs
3. Open the previously installed XAMPP Control Panel and start Apache and MYSQL
4. Go to your browser and type in: <http://localhost/RoyalReader/> to view all the files and begin working

Apply Database Changes

1. Start Apache and MYSQL
2. Go to localhost/phpMyAdmin
3. Download the royal reader Increment 2.sql file from the canvas site

4. Use the export function and export it into your database.