



## Exercise: Customize an FME Server App

### Learning Objectives

After completing this unit, you'll be able to:

- Learn all the parameters in an FME Server App.
- Integrate a map selection tool in an FME Server App.

### Resources

- [Starting FME Server project](#)
- [Complete FME Server project](#)
- [CanoeZipster.png](#)

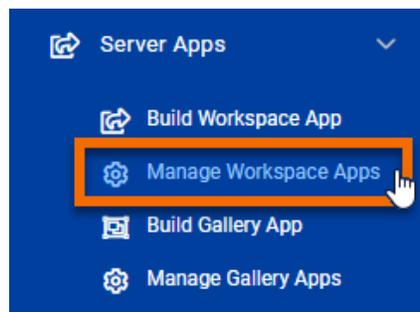
### Introduction

If you want to quickly create an FME Server App primarily for internal use, you might not care how it appears. But if you are creating an end-user or public-facing app, you probably want it to reflect your brand. This is especially true if you plan on hosting the app where it needs to blend in, such as your organization's website.

Luckily, you can customize your App in a number of ways.

### 1) Edit Server App

You created the Recent Earthquake Visualization Server App in the last exercise. To edit it, click the Server Apps section in the FME Server menu, and then click Manage Workspace Apps.



Click on earthquakes-extrusion to edit it.

<input type="checkbox"/>	Name	Repository	Workspace	Enabled	Expiration	Last Updated	Last Updated By	Owner	View	URL
<input type="checkbox"/>	earthquakes-extrusion	Samples	earthquakesextrusion.fmw		2031-7-26 00:00:00	Yesterday at 16:57:18	admin	admin		

## 2) Customize Server App

Below the workspace selection area, you will see the collapsed Parameters and Customize sections.

Expand Customize by clicking on it. Here you can control many areas of the Server App page to match your organization's branding, including:

- **Title:** The title will be displayed at the top of the app and in the browser tab.
- **Background Color:** The background color will be displayed at the top of the app.
- **Heading Image:** The heading image will be used at the top of the app. There is a 1 MB file size limit for the heading image.
- **Icon:** The icon will be visible in the browser tab. There is a 300 KB file size limit for icon images.

Here is where those different elements will appear on the App page:

The screenshot displays a web browser window with the following elements:

- Browser Address Bar:** Shows the URL `https://summit-safe-software.fmecloud.com/fr`. A red circle highlights the address bar area, with a red arrow pointing to the text "Icon & Title".
- Header Image:** A map of Austin, Texas, with a yellow background. A red arrow points to the map area with the text "Heading Image".
- Title:** The text "Austin Data Download" is displayed below the header. A red arrow points to it with the text "Title".
- Description:** The text "This App allows you to download data from Austin, Tx" is displayed below the title. A red arrow points to it with the text "Description".
- Background Colour:** The yellow background of the header area is highlighted with a red arrow and the text "Background Colour".
- Configuration Fields:**
  - Layers to Download:** A dropdown menu with "airports" selected.
  - Output Coordinate System:** A dropdown menu with "WGS84 datum, Latitude-Longitude; Degrees [EPSG #43]" selected.
  - Output Format:** A dropdown menu with "Esri Shape" selected.
  - Minimum X:** A text input field with "-100".
  - Minimum Y:** A text input field with "25".
  - Maximum X:** A text input field with "-90".
  - Maximum Y:** A text input field with "35".
  - Search Envelope Coordinate System (optional):** A dropdown menu with "LL84" selected.
- Run Button:** A green button labeled "Run" is located at the bottom left of the app interface.

Change Header Background Color to green. Then download [CanoeZipster.png](#) and set it as the Footer Logo. You can also edit any of the other customization parameters if you wish.

Customize ▼

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**Browser Icon** ⓘ  
(optional)

Drop File Here  
Click To Browse  
(<300.00 KB) 

**Heading Background Color** (optional)

#329916 

**Heading Logo** (optional)

Drop File Here  
Click To Browse  
(<1.00 MB) 

**Heading Banner** (optional)

Drop File Here  
Click To Browse  
(<1.00 MB) 

**Footer Text** (optional)



**Footer Logo** (optional)

 CanoeZipster.p  
ng 110.372  
KB 

**Footer Banner** (optional)

Drop File Here  
Click To Browse  
(<1.00 MB) 

**Run Immediately** ⓘ

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Click OK to finish editing the Server App.

### 3) View Customized Server App

Click the link on the resulting page to view your app.

## Your Workspace App has been created

Anyone with this URL will be able to run this app. A login will not be required.

<http://localhost/fmeserver/apps/earthquakes-extrusion> 

**Name:** earthquakes-extrusion  
**Expiration:** 2031-7-26 00:00:00

### App Security

The following permissions have been granted to run your app and are saved with the API Token [Workspace App - earthquakes-extrusion](#).

<b>Repositories</b>	Samples
<b>Services</b>	Data Streaming, Data Upload

Does your workspace have any additional dependencies? [Add More Permissions](#).

### Workspace Apps and FME Data Express

Alternatively, you can run workspace apps on mobile devices with FME Data Express. [Learn more about FME Data Express and how you can download it.](#) 



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You should see a green header and large footer image.



# Recent Earthquake Visualization

Visualizes recent earthquakes worldwide.

Source GeoJSON File or URL

[Browse Resources](#) OR [Upload File](#)

<http://earthquake.usgs.gov/earthquakes/feed/>

OK

