

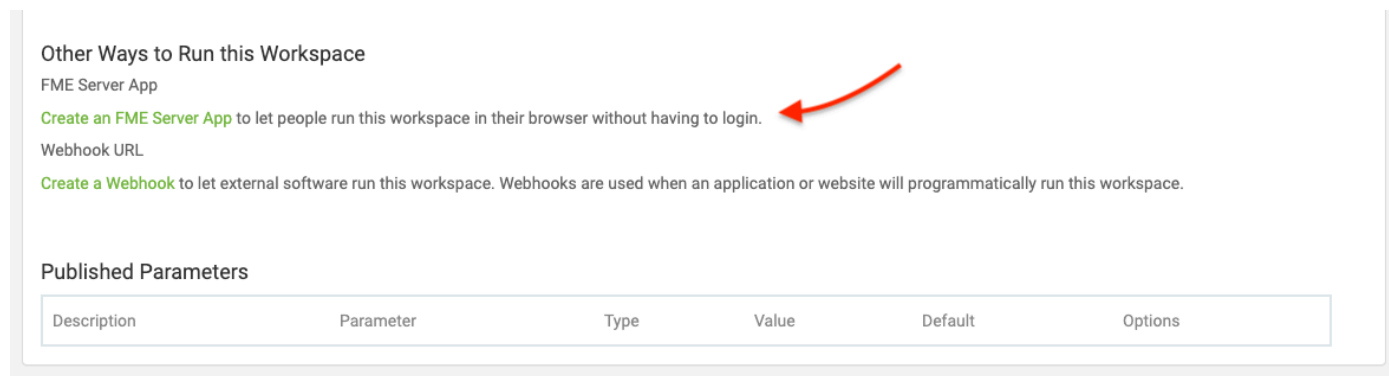
# Getting Started with FME Server Apps

## Introduction to FME Server Apps

FME Server 2019+ has the ability to create web based ‘Apps’ - which is a method to allow users to run a workspace without needing login access to FME Server. When you choose to create an App, FME Server will generate an app page with a valid token with the necessary permissions.

## Creating an App (FME 2019.1+)

You can create an app from the Run Workspace page, under the Advanced parameters.



Other Ways to Run this Workspace

FME Server App

Create an FME Server App to let people run this workspace in their browser without having to login.

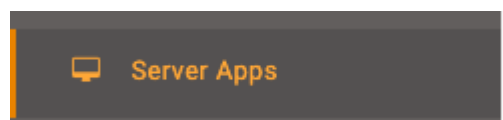
Webhook URL

Create a Webhook to let external software run this workspace. Webhooks are used when an application or website will programmatically run this workspace.

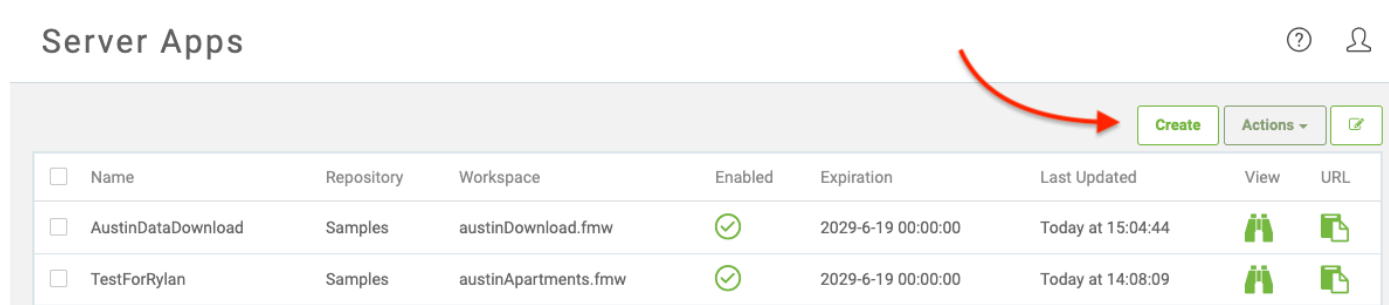
Published Parameters

Description	Parameter	Type	Value	Default	Options
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Alternatively, select ‘Server Apps’ from the navigation panel. This will also allow you to manage or see any existing apps.



From the Server Apps page, click ‘Create’ in the top right.



Server Apps

Create Actions

<input type="checkbox"/>	Name	Repository	Workspace	Enabled	Expiration	Last Updated	View	URL
<input type="checkbox"/>	AustinDataDownload	Samples	austinDownload.fmw	✓	2029-6-19 00:00:00	Today at 15:04:44		
<input type="checkbox"/>	TestForRylan	Samples	austinApartments.fmw	✓	2029-6-19 00:00:00	Today at 14:08:09		

This will open the Edit page for Server Apps.

## Required Parameters

There are a few parameters you will **need** to set to configure your app.

**Name:** This name will become part of the URL for the app and will also be used within FME Server for managing your apps.

**Workspace:** This is the workspace that the app will be running. If it contains any published parameters, these will become available to manage in an additional dialog box.


**Service:** Choose from the Job Submitter, Data Download or Data Streaming service (dependent on what the workspace was registered with when published)

**Expiration:** Behind the scenes, FME Server creates a token that is used to authenticate the app. The token automatically has the necessary permissions required for the user to run the application.

## Server Apps

Server Apps > Create

### Create Server App

Name	<input type="text"/>
Description (optional)	<div><div>B I H   “ ”   ☰ ☷   🔗 🖼️   👁️ 📄 ✂️   ?</div><div></div></div>
Repository	<div>Select a Repository ▼</div>
Workspace	<div>Select a Workspace ▼</div>
Service	<div>Select a Service ▼</div>
Expiration	<div>2029-06-19 00:00 </div> <div>Will expire in 10 years.</div>

## Workspace Parameters

If your workspace includes parameters, an additional dialog box will be available allowing you to control which parameters are available to the end user and what the default values will be.

Parameters

Reset

Show in App

Layers to Download	<div>airports</div>	<input checked="" type="checkbox"/>
Output Coordinate System	<div>WGS84 datum, Latitude-Longitude; Degrees [EPSG #4326]</div>	<input checked="" type="checkbox"/>
Output Format	<div>Esri Shape</div>	<input checked="" type="checkbox"/>
Minimum X	<div>-100</div>	<input checked="" type="checkbox"/>
Minimum Y	<div>25</div>	<input checked="" type="checkbox"/>
Maximum X	<div>-90</div>	<input checked="" type="checkbox"/>
Maximum Y	<div>35</div>	<input checked="" type="checkbox"/>
Search Envelope Coordinate System (optional)	<div>LL84</div>	<input checked="" type="checkbox"/>

## Optional Parameters

There are also a few *optional* parameters you can set to enhance the look of your app:

**Description:** Provide a description to give users more information or instructions/expectations for use.

**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 250kb file size limit for the heading image.

[Austin.png](#)

**Icon:** The icon will be visible in the browser tab. There is a 50kb file size limit for icon images.

[Safe\\_Logo.png](#)

Customize Appearance


Title (optional)

Austin Data Download

Background Colour (optional)

#ffee00


Heading Image (optional)



Drop File Here

Click To Browse

Icon (optional)



Drop File Here

Click To Browse

Cancel

OK

When you have finished configuring your app, press OK.

This will take you to a page where you will be given the URL to your app. You can copy the URL to give to your end users, and will be accessible as long as the token hasn't expired.

Server Apps

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Server Apps > AustinDataDownload > Create

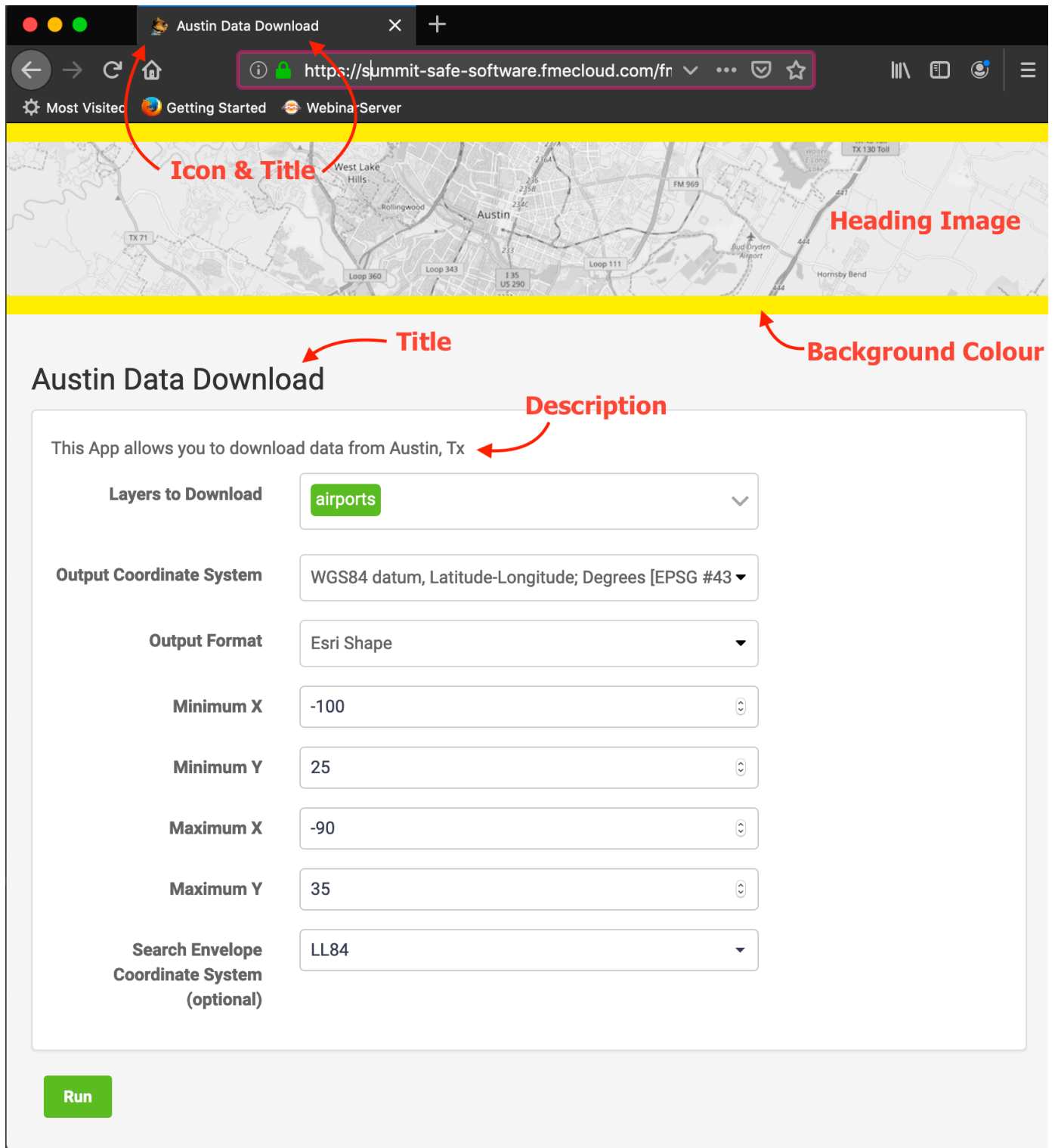
Your FME Server App has been created

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

[https://\[redacted\]safe-software.fmecloud.com/fmeserver/apps/AustinDataDownload](https://[redacted]safe-software.fmecloud.com/fmeserver/apps/AustinDataDownload)

FME Server App Name: AustinDataDownload  
Expiration: 2029-6-19 00:00:00

OK



## Accessing an App

If you navigate away from this page, you can view or copy the URL from the main **Server Apps** page.

<input type="checkbox"/>	Name	Repository	Workspace	Enabled	Expiration	Last Updated	View	URL
<input type="checkbox"/>	AustinDataDownload	Samples	austinDownload.fmw	✓	2029-6-19 00:00:00	Today at 16:37:50		

## Changing an App's Expiration

If you need to change the expiration date of an app, select it, and choose 'Change Expiration' from the Actions dropdown menu.

### Server Apps

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Create Actions ▾ 📄

<input type="checkbox"/>	Name	Repository	Workspace	Enabled	Expiration	
<input checked="" type="checkbox"/>	AustinDataDownload	Samples	austinDownload.fmw	✓	2029-6-19 00:00:00	JRL
<input type="checkbox"/>	TestForRylan	Samples	austinApartments.fmw	✓	2029-6-19 00:00:00	📄

Enable

Disable

Duplicate

Remove

Change Expiration

Alternatively, as the expiration is managed by the token that is created to authorize usage of the app, you can configure expiration using the **Token Management** page.

To access this, click on Manage Tokens from the User Settings dropdown (top right of the FME Server Web Interface).

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Change Password

Update Email

Reset Preferences

Manage Tokens

🌙 Enable Dark Mode

🚪 Logout

On this page you should see the token created for your app. Click it to edit it's parameters.

# Token Management ?



API Tokens | Session Tokens

New

Actions ▾



<input type="checkbox"/>	Name	Description	Created	Expiration	Enabled
<input type="checkbox"/>	Server App - AustinDataDownload	Token for FME Server App AustinDataDownload	Yesterday at 14:52:14	2029-6-19 00:00:00	<input checked="" type="checkbox"/>

Here you can edit the token description, enable or disable the token (disabling will mean your app no longer works) and change the expiration date.

## Editing API Token "Server App - AustinDataDownload"

Description

Token for FME Server App AustinDataDownload

Expiration

2029-06-19 00:00



Will expire in 10 years.

Enabled



All Permissions ?

