



## Run a Workspace in FME Server

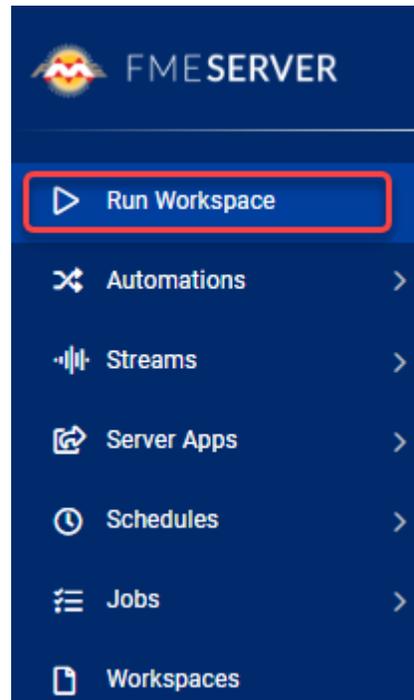
### Learning Objectives

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

- Find where workspaces are stored in FME Server.
- Run a workspace in FME Server.
- Understand how jobs and engines interact.
- Find the status of a job.
- Find the log created by a job.

### Running a Workspace

Let's start our tour of the FME Server web interface at the Run Workspace page. You can access it from the corresponding menu option:



This opens the Run Workspace page, where you can choose a repository, workspace, and service to run a translation:

# Run Workspace ?



## Training/exercise-publish-to-fme-server

Workspace Actions ▾

Repository Training ▾

Workspace exercise-publish-to-fme-server.fmw ★ ▾

Service Job Submitter ▾

Email results to ⓘ

Reset

### Published Parameters

Source Geography Markup Language (GML) File(s) (optional)

OR

Source Google KML File or URL

OR

Advanced





When you select a workspace that contains Published Parameters, those parameters will be available to be set before running the translation.

## Advanced Parameters

The Run Workspace page in FME Server also has an additional section under Advanced. Clicking the arrow to the right of Advanced will expand the advanced parameters menu. These are FME Server specific parameters that fine-tune how the workspace will be run.

### Advanced

<b>Job Queue</b> ⓘ (optional)	<input type="text"/>	<input type="text"/>
<b>Queued Job Expiry Time</b> ⓘ (optional)	<input type="text"/>	Seconds <input type="text"/>
<b>Running Job Expiry Time</b> ⓘ (optional)	<input type="text"/>	Seconds <input type="text"/>

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#### Other Ways to Run this Workspace

FME Workspace App

[Create an FME Workspace 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.

### Job Queue

Job Queues provide a way to send FME Server jobs to specific Engines or to control the priority of job requests. This parameter allows you to select a predefined Queue to which this job should be sent when it is run. Job Queues can be created by an FME Server Administrator from the Engines & Licensing page.

### Queued Job Expiry Time

This sets the maximum amount of time a job can wait in the Queued state before being run. If a job waits longer than this amount of time in the Queue, it will not be run. This option is useful for time-sensitive jobs that you do not want to run after the specified time is exceeded.

### Running Job Expiry Time

This sets the maximum amount of time a job can stay in the running state. When this time is exceeded, the job will be canceled automatically.

### Other Ways to Run this Workspace

Additionally, in the Advanced section, you can create an [FME Server App](#) or create a [webhook](#) to run your workspace.

## Running a Job

When you are satisfied with the parameters, click the green Run button at the bottom of the page to run the translation. A progress dialog will appear indicating whether your workspace is Running or Queued. From this dialog you can cancel the job or view the details:

★  exercise-publish-to-fme-server.fmw

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⚙️ **RUNNING**

Your Job has been submitted and will continue to run if you leave this page. 

Cancel Job View Details

Once the workspace (job) has finished running, a completion message will appear, letting you know whether the translation was successful or if it failed. Depending on the Service you ran the workspace with, you will also see other details such as a download link:

  exercise-publish-to-fme-server.fmw

 **COMPLETED**  
Translation Successful

[View Details](#)

**JOB ID** 4

**FEATURES WRITTEN** 14



Note that there are other ways to find and run a workspace. Recently published workspaces and workspaces "starred" as a favorite can be easily found on the interface landing page.

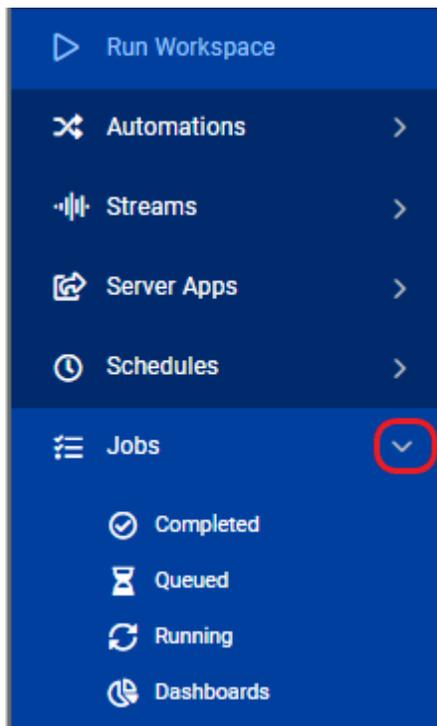
Additionally, it's possible to browse for a workspace to run by going through the Workspaces page, which is more like a file browser than a simple selection tool.



Jobs are submitted to the FME Server core, which then assigns them to engines. Having more engines means you can run more jobs simultaneously. [Learn more](#).

## Jobs

Information about all jobs that are running or have run on FME Server will be stored so you can easily view activity on the Server. To access this, choose the menu option for Jobs and select Completed, Queued, or Running jobs to view:



This opens the Jobs page, where you can see the status of jobs, whether Completed, Queued, or Running:

Jobs ? 👤

Completed | Queued | Running

Filters ➤

Remove 🔄 ☰

<input type="checkbox"/>	Id	Workspace	Repository	Username	Ran By	Status	Started	Finished	Source Name	Source Type
<input type="checkbox"/>	7	exercise-publish-to-fme-server.fmw	Training	admin	admin	✅	Today at 12:09:05	Today at 12:09:07		
<input type="checkbox"/>	6	exercise-publish-to-fme-server.fmw	Training	admin	admin	❗	Today at 12:08:32	Today at 12:08:36		

This allows you to check that the translation you just ran finished successfully.

The Filters menu at the top allows you to filter by User, Status, Engine, Repository, Workspace, Source Type, and Source Name. This is especially useful when the job history table runs to thousands of jobs. Filtering helps to find information about a specific job or, for example, to quickly find all jobs that resulted in a failure message.

## Completed Jobs

Clicking on a completed job opens up a page showing information about that job; such as User, Status, Engine, Repository, Workspace, Source Type, and Source Name. You can also view, filter, and search the job log.

A series of buttons allow you to download the FME log from the translation, resubmit the job with a single click, view the workspace, and download the workspace:

Jobs > Job #7

★ exercise-publish-to-fme-server.fmw 🔍 📄 Download Log Resubmit Job ◀ ▶

✅ **COMPLETED** 👤 admin

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<b>JOB ID</b> 7	<b>FEATURES WRITTEN</b> 14	<b>TIME STARTED</b> Today at 12:09:05	<b>TIME FINISHED</b> Today at 12:09:07
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**STATUS** ▶

**REQUEST DATA** ▶

**RESULT DATA** ▶

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Search

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Log ✖ ⚠ ℹ 🔍 🔄

1	2022-5-9 12:09:05   Current FME version: FME 2022.0.0.0 (20220428 - Build 22337 - WIN64)
2	2022-5-9 12:09:05   Workspace was last saved in FME version: FME 2022.0.0.0 (20220428 - Build 22337 - WIN64)
3	2022-5-9 12:09:05   FME_HOME is 'C:\Program Files\FMEServer\Server\fme\'
4	2022-5-9 12:09:05   FME Engine (node locked-crc)
5	2022-5-9 12:09:05   Serial Number: SAFE

This allows you to confirm that the workspace functioned correctly, with the same level of detail as you could find within FME Desktop.

## Queued and Running Jobs

Queued and Running jobs can be listed so that you can see what jobs the Server is currently handling. You can filter the jobs by a particular username.

One particularly useful feature is that these pages can be used to cancel jobs if they are no longer required.



If your jobs are being queued regularly, talk to your FME Server Administrator about different options like Job Queues, dedicated engines, or scheduling larger tasks to run outside of regular office hours.

Next Module: [Manage FME Server Data and Connections](#)

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