File Listener Activity Overview

Last Modified on 07/21/2026 12:38 pm EDT

Starting with V11.1, Cora Orchestration has been renamed to Orchestration AI.
Starting with V10.0, Cora SeQuence has been renamed to Cora Orchestration.

V11.3

Context

Use the File Listener Activity to listen to an external file storage system to determine whether a certain file exists. You can start or resume a dynamic workflow when a new file is saved to a specific location by using the file object in other workflow stages. Use the Get File Activity to import the file to Orchestration AI.

Important Notes

- Make sure the JES user has permission to start the workflow.
- Make sure the credentials that you specified in the connection are valid.
- The listener is executed in intervals, not at the moment a file is added to a folder.

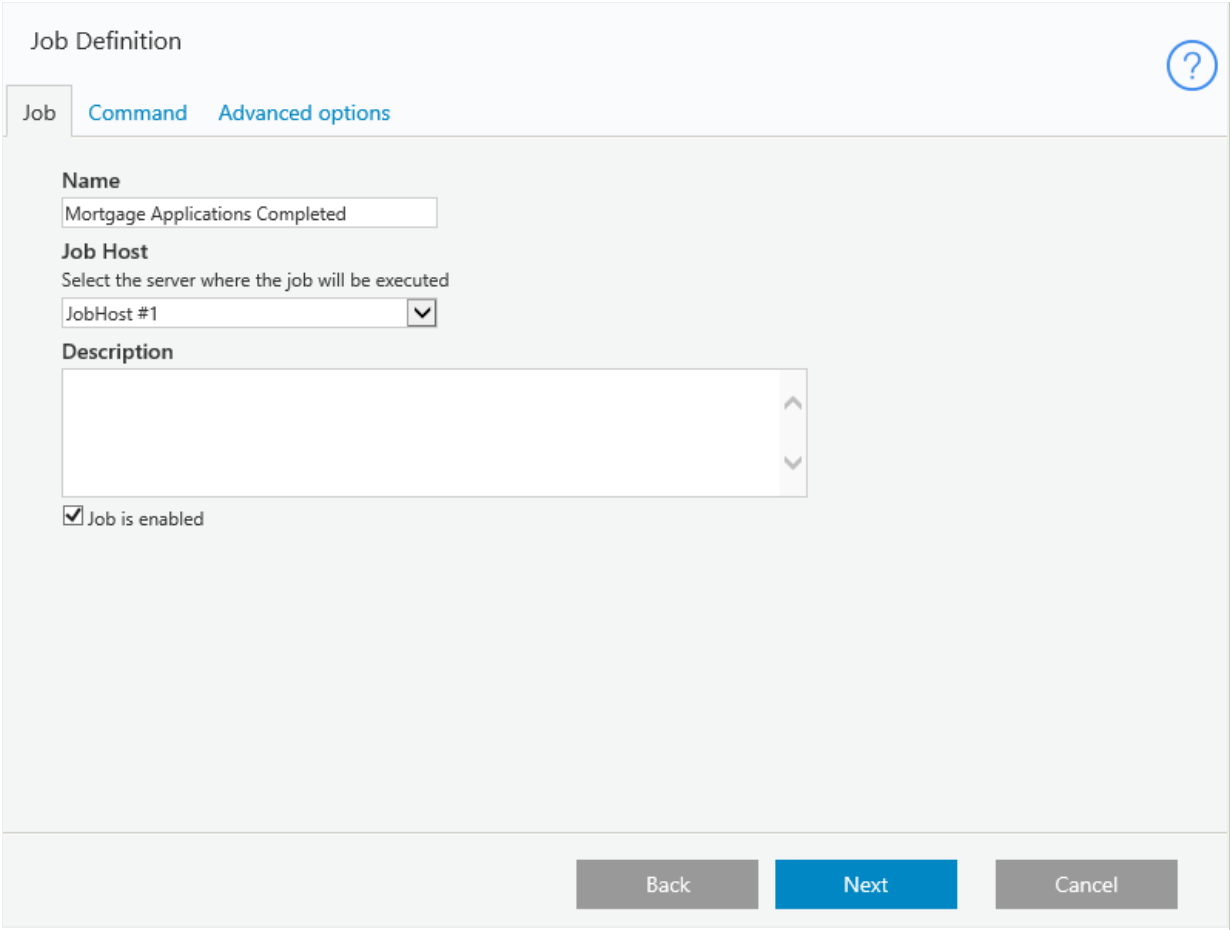
Job Definition

When you define a job for the File Listener Activity, there are several configuration sections.

- Job
- Command
- Advanced Options

Job

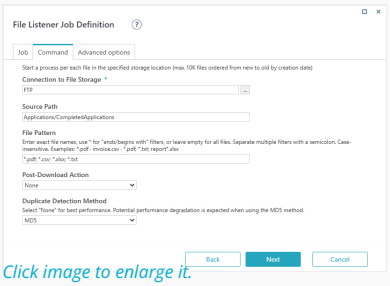
IMPORTANT: You must select the **Job is enabled** checkbox for the File Listener Activity to execute.



Command

Command Tab Parameters

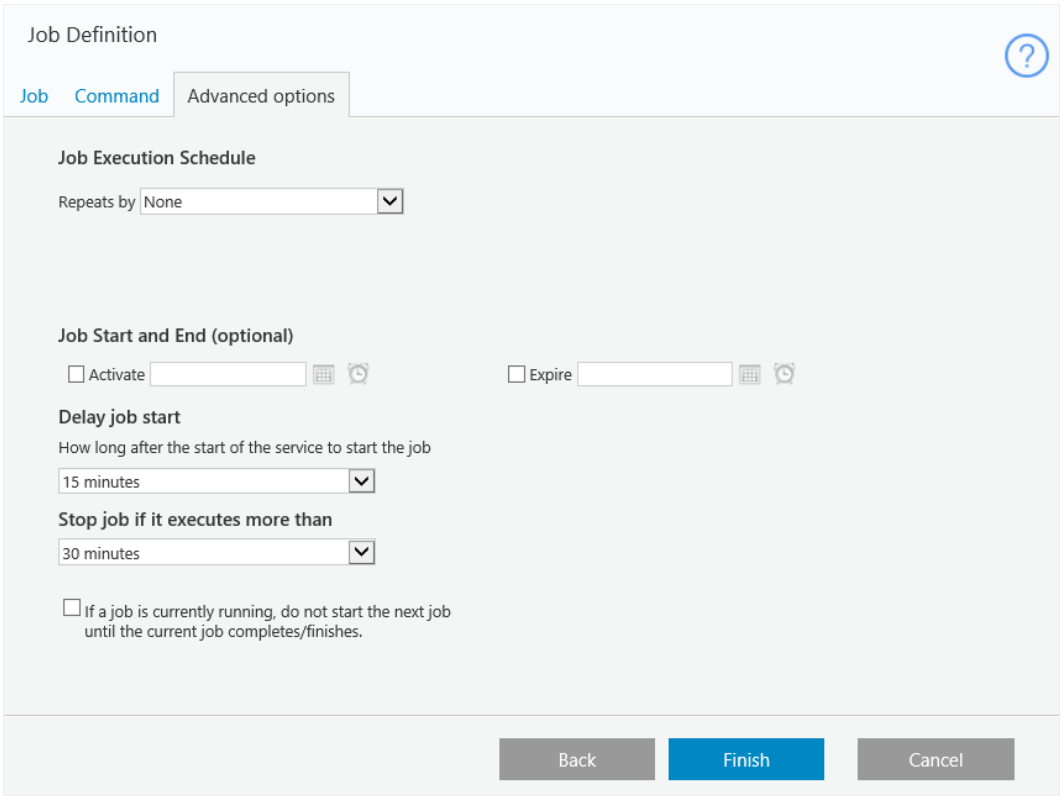
Parameter	Description	Interface
Connection to File Storage	Define a Connection to an External Storage System. The limitations and restrictions for the storage system you select also apply when you define this activity. For example, if the storage system supports forward slash (/) path separators, you can only use forward slashes when defining paths.	

Parameter	Description	Interface
Source Path	• Path to the folder that you want to listen to, that is located in the shared folder you defined in the connection to the external storage system. The source path is appended to the external storage system and base path. See the example below. • There are a couple of ways to define the source path. You must use forward slashes (/) when you define the file name. • **Manually**: type a target path in the text box. • **Expression**: define the target path from a previously returned value in the workflow, for example, a path returned from a Web Service Listener Activity. **Example:** https://{*externalstoragesystem*}/{*basepath*}/Applications/Completed_Applications	 *Click image to enlarge it.*
File Pattern	• The file search pattern for the files you want to download. Use * for "ends/begins with" filters, or leave empty for all files. You can add multiple filters separated with a semicolon. The file pattern is case insensitive. For example: *.pdf, invoice.csv, *.PDF; *.txt; *Report.xlsx. • The file pattern cannot contain brackets. • The search in bucket by extension is limited to 1000 files.	
Post-Download Action	• None • Delete (the file)	

Parameter	Description	Interface
Duplicate Detection Method	Defines how Sequence detects duplicate files. • **None**: All files, including duplicates, are processed. • **MD5**: a hash function that converts file content into a fixed string of digits. This method defines files as duplicate according to file content. • **File Metadata**: Defines files as duplicate when the files' *Modify Date* and *Created Date* are the same. • **File Path**: Defines files as duplicate when the files' source path and file path are the same. This method ignores base path (defined in the connection to the external storage system).	

Advanced Options

Defines the job execution schedule, including start, stop, repetition pattern, delayed start, and more.



Limitation

When you copy or create a new version of a workflow that contains an File Listener activity, you need to delete the File Listener activity in the new workflow, and then set it up again.

Want to learn by doing?
Check out this hands-on exercise.
Note that only internal users can access the link.

V10.6

Context

Use the File Listener Activity to listen to an external file storage system to determine whether a certain file exists. You can start or resume a dynamic workflow when a new file is saved to a specific location by using the file object in other workflow stages. Use the Get File Activity to import the file to Cora SeQuence.

Important Notes

- Make sure the JES user has permission to start the workflow.
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- The listener is executed in intervals, not at the moment a file is added to a folder.

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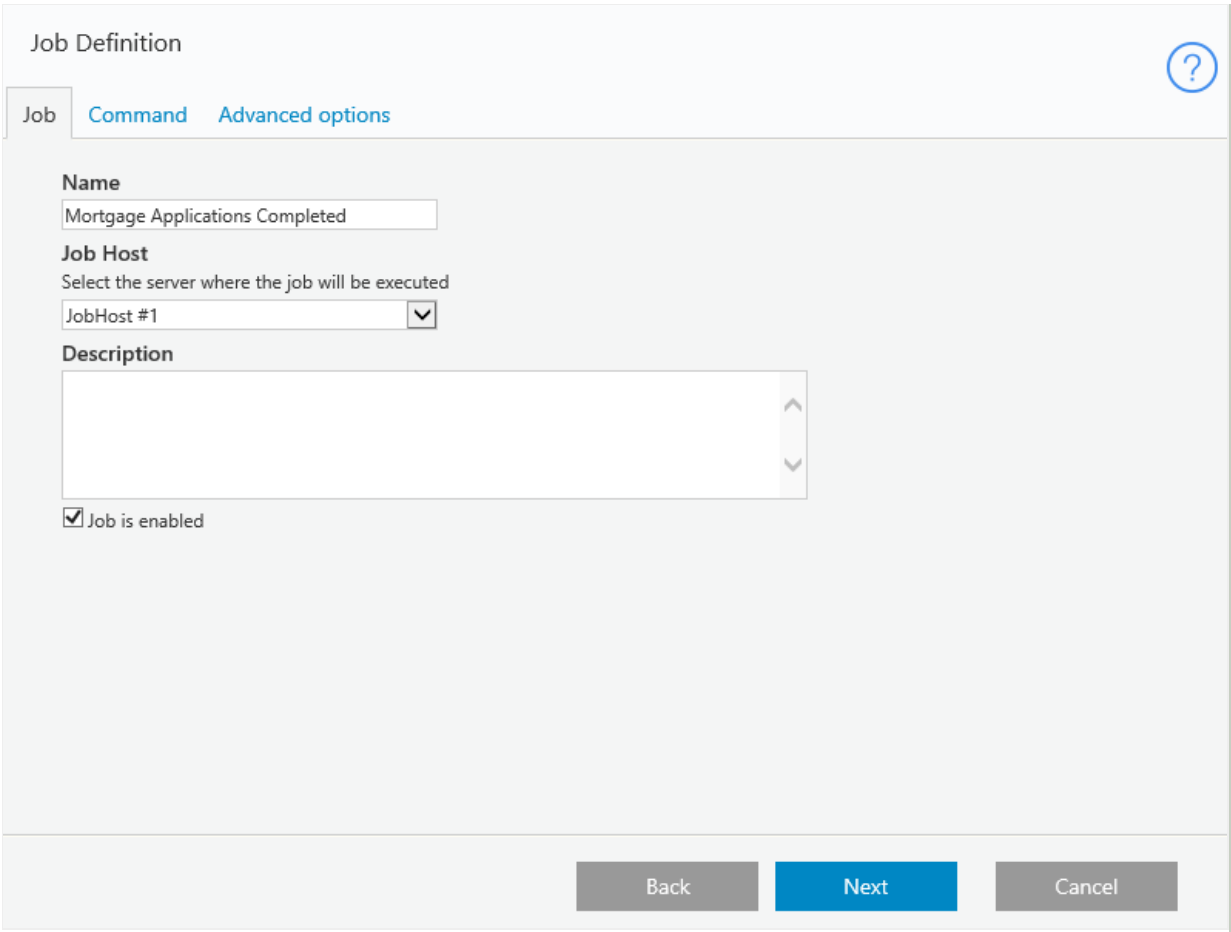

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Parameter	Description
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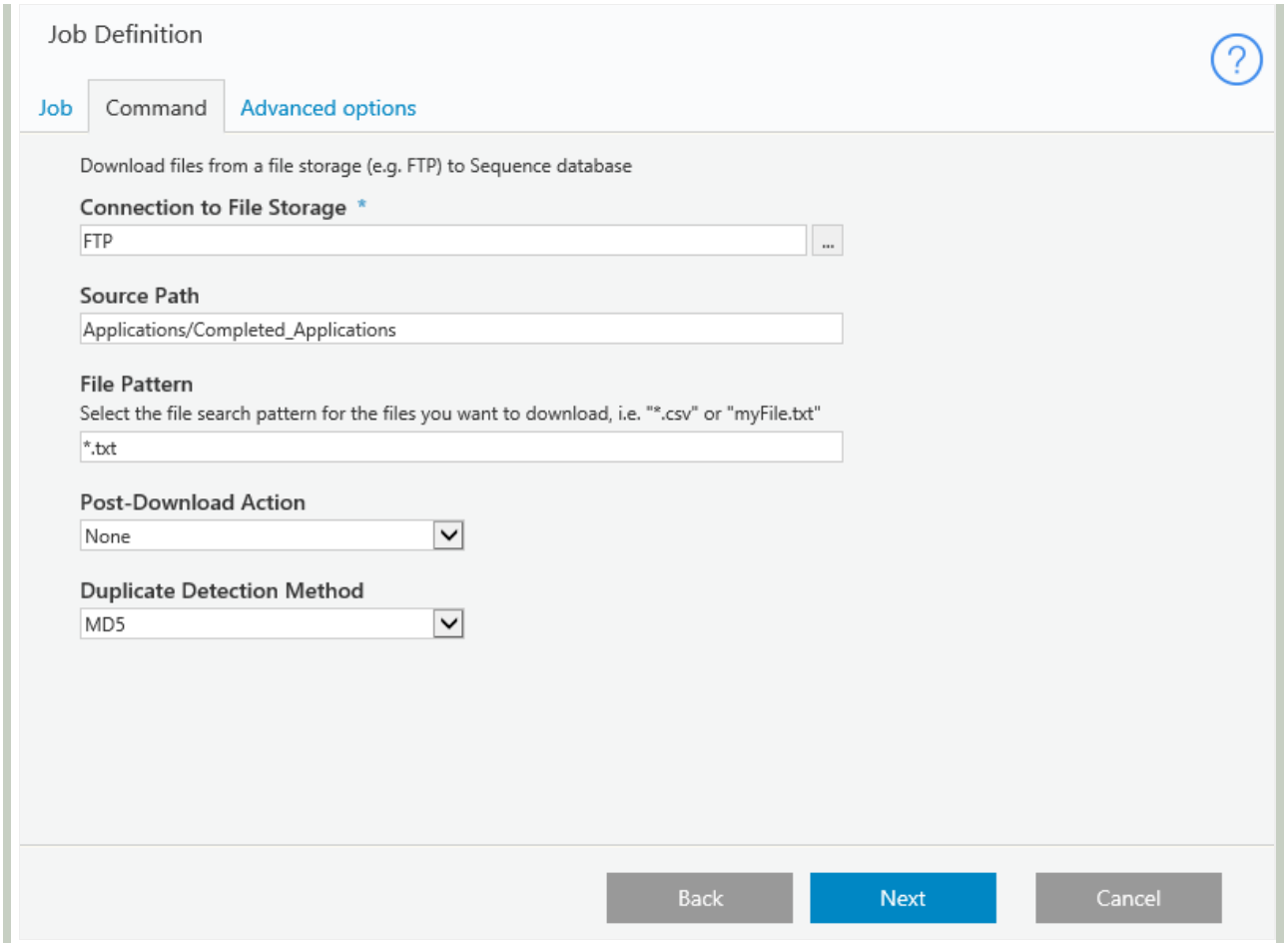
File Pattern	• The file search pattern for the files you want to download. For example, `*.csv` or `myFile.txt`. • The file pattern cannot contain brackets. • The search in bucket by extension is limited to 1000 files.
Post-Download Action	• None • Delete (the file)
Duplicate Detection Method	Defines how Sequence detects duplicate files. • **None**: All files, including duplicates, are processed. • **MD5**: a hash function that converts file content into a fixed string of digits. This method defines files as duplicate according to file content. • **File Metadata**: Defines files as duplicate when the files' *Modify Date* and *Created Date* are the same. • **File Path**: Defines files as duplicate when the files' source path and file path are the same. This method ignores base path (defined in the connection to the external storage system).



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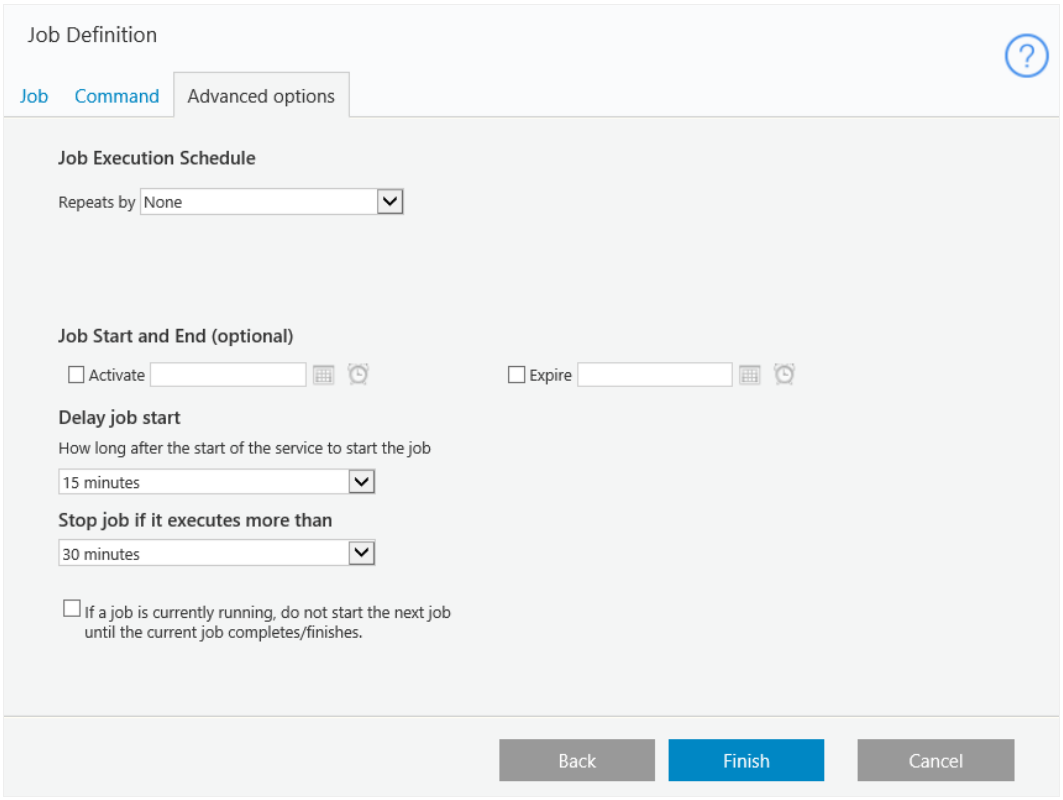

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