

Pipeline Run Logs

Overview

The **Pipeline Run Logs** view of Pipelines provides the facilities to view the log of execution, test results, and other information for steps in the pipeline.

The logs can be displayed for any step within any recorded or executing run of a pipeline. It will display the details of that step's execution as it was performed in that run of the pipeline.

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reqsealer-eventMetric.log

For detailed information about steps and runs, you can also view the reqsealer-eventMetric.log file: /pipelines/controlplane/logs/reqsealer-eventMetric.log.

Example

```
{ "timestamp": "2021-12-16T06:06:43.897Z", "domain": "step", "pipelineName": "test_pipeline1", "
triggeredBy": "admin", "branchName": "master", "stepName": "step1", "runNumber": 2, "status": "error", "
durationMillis": null }
{ "timestamp": "2021-12-16T06:13:37.332Z", "domain": "step", "pipelineName": "test_pipeline3", "
triggeredBy": "admin", "branchName": "master", "stepName": "step3", "runNumber": 3, "status": "success", "
durationMillis": 2329 }
{ "timestamp": "2021-12-16T06:13:37.332Z", "domain": "run", "pipelineName": "test_pipeline3", "
triggeredBy": "admin", "branchName": "master", "runNumber": 3, "status": "success", "durationMillis": 2329 }
{ "timestamp": "2021-12-16T08:32:57.063Z", "domain": "step", "pipelineName": "test_pipeline2", "
triggeredBy": "admin", "branchName": "master", "stepName": "step2", "runNumber": 2, "status": "cancelled", "
durationMillis": 5639 }
{ "timestamp": "2021-12-16T08:32:57.063Z", "domain": "run", "pipelineName": "test_pipeline2", "
triggeredBy": "admin", "branchName": "master", "runNumber": 2, "status": "cancelled", "durationMillis": 5639 }
```

View Logs



This section provides information about viewing logs using the new UI. To perform the same steps using the old UI, see the expandable section below.

To view the logs for a run:

- In the **List** view, click the relevant run.
or
- In the **Graph** view, click the relevant step and click **Logs**.

My Pipelines > app_dev_pipeline_su204 > Run #6

Run #6 Success Jun 23, 12:38 pm By: rajeshg 3m Rerun List Graph ⋮

Steps (4)

- Overview
- Step Details
- app_push**
- app_build
- publish_app_build
- scan_controller

app_push Success Jun 23, 12:40 pm 45s

Logs Tests Step Info Resources

```

Processing required resources 0s ✓
  - artifactory_configure myArtifactory 0s
    Configuring 1.53.2
    [Info] Using server ID 'myArtifactory' ().

Executing step 36s ✓
  + jfrog --version 0s
  + use_jfrog_cli myArtifactory 0s
  + restore_run_files jfrog /tmp/jfrog 0s
  + retry command jfrog rt docker-push stg-repo.jfrog.info/su204-docker-staging-local/app_docker_image:6 su204-docker-staging-local --
    build-name=app_dev_pipeline_su204 --build-number=6 --detailed-summary | tee
    /var/opt/jfrog/pipelines/data/app_dev_pipeline_su204/runs/9067/steps/app_push/75437/workspace/tmp/dockerPushOutput.json 36s
  + save_artifact_info file
    /var/opt/jfrog/pipelines/data/app_dev_pipeline_su204/runs/9067/steps/app_push/75437/workspace/tmp/dockerPushOutput.json 0s
  + add_run_files /tmp/jfrog/.jfrog 0s
  + cleanupIntegrations 0s ✓
  + Parsing Step Artifacts 0s ✓
  + Uploading Step Artifacts 0s ✓
  
```



This section provides information about viewing logs using the old UI. To perform the same steps using the new UI, see the section above.

The Pipeline Run Logs view can be invoked from the [Runs portion of the Pipeline History view](#), by clicking on the row of any run in the list. It can also be invoked through the pipeline diagram, by clicking on a step and then clicking "View Logs".

> **step_1**
Run #3
Processing

> **step_1** ⏪ ⏩ ✕
Type: Bash

Last Run #3

👤 Triggered by admin

☰ [View Logs](#)

Either procedure will result in the Pipeline Log view for the selected run:

My Pipelines > app_dev_pipeline_su204 > Run 1

Success | Triggered at 16-08-21 12:52:57 +0530 by app_repo | Ran for 2m

app_build | Success | DockerBuild | Started at 16-08-21 12:55:06 +0530 | Ran for 1m

Logs Tests Step Info Resources

- Queuing step 0s
- Setup 2s
- Booting Container 6s
- Processing required resources 27s
- Executing step 37s
- cleanupIntegrations 0s
- Deleting Container 0s
- Cleanup 2s
- Uploading step information 1s

You can view log data for each of the steps in the pipeline. You can select the step by either:

- Clicking on the step in the pipeline diagram
- Selecting the step in the dropdown list

Logs

The **Logs** tab presents the record of what was executed for each portion of the step, and the system response. The log shows the command line directives issued, with their outputs.

Each section in the log represents a section of the step, and you may expand each section to view the command line output that was recorded. In this way, you can see the specific success or error messages that were returned for each issued command.

Use the **Timestamp** toggle to view or hide timestamps for the logs. Use the **Internal Logs** toggle to view or hide detailed, Pipelines-generated logs.

Your browser does not support the HTML5 video element

Tests

The **Tests** tab displays, when available, any test report information that was provided for the step through the [save_tests](#) utility function. The **Summary** column displays the **Passed**, **Skipped**, **Failed**, and **Errors** status for each test. Click one of the statuses to filter by that status.

Logs Tests Step Info Resources

All 11 | Passed 9 | Skipped 1 | Failed 1 | Errors 0

1-5 / 5 Items < 1 >

Suites name	Duration	Summary	Details
> xml-test-suite	1s	11 ● 9 ● 1 ● 1 ● 0	
> mvn-build-suite	1s	11 ● 10 ● 0 ● 1 ● 0	
> xml-test-suite	1s	9 ● 9 ● 0 ● 0 ● 0	
> ServiceContainerTest	1s	11 ● 9 ● 0 ● 1 ● 1	PHPUnit_Framework_ExpectationFailedException

Load more

Step Info

The **Step Info** tab provides additional information about the step, including the run state variables, as it executed in the run.

Logs	Tests	Step Info	Resources
General			
Environmental Variables			
Level ^	Key	Value	
Run	buildStepName	app_build	
Run	app_build_payloadType	docker	
Run	app_build_buildNumber	1	
Run	app_build_buildName	app_dev_pipeline_su204	
Run	app_build_isPromoted	false	
Run	app_build_dockerImageName	icarus31jan22.jfrogdev.or...	
Run	app_build_dockerImageTag	1	

Resources

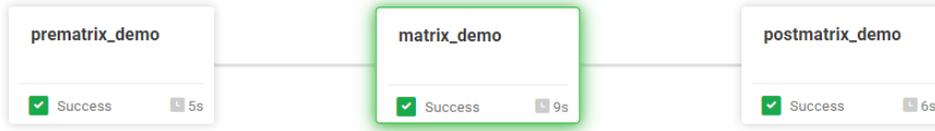
The **Resources** tab displays information about the resources used in the step, and their status at the time the step was executed in the run.

Logs	Tests	Step Info	Resources				
Sections	Resource Name	Type	Integrat...	Update...	Update...	Version Id	Version...
triggeredBy	myFirstRepoTest1	GitRepo	github_nis...		2022-06-...	1763263	sha: 2a2c200 Commit M essage: tes t commit

Matrix Steplet Logs

When a [Matrix step](#) is selected, a disaggregated list of the individual steplets are presented.

Success | Triggered at 18-06-20 23:55:49 -0700 by admin | Ran for 58s



matrix_demo | 4 Steplets | Success | Matrix | Started at 18-06-20 23:56:26 -0700 | Ran for 9s

Steplet Num...	Status	Started At	Duration	Matrix Combination	Tests	Coverage
1	Success	18-06-20 23:55:...	5s	key1 : value1 key2 : value2 Runtime: Image Name: docker.bintra Image Tag: 13		
2	Success	18-06-20 23:55:...	5s	key1 : value3 key2 : value4 Runtime: Image Name: docker.bintra Image Tag: 8.17.0		
3	Success	18-06-20 23:55:...	5s	key1 : value3 key2 : value4 Runtime: Image Name: docker.bintra Image Tag: 13		
4	Success	18-06-20 23:55:...	4s	key1 : value1 key2 : value2 Runtime: Image Name: docker.bintra Image Tag: 8.17.0		

Steplet Number	The sequential number of the steplet in the Matrix step.
Status	The success or failure of the steplet.
Started At	Date and time the steplet began execution.
Duration	The duration of the run of the steplet.
Matrix Combination	The values of the set of matrix environment variables used by the steplet, and the runtime image the steplet was executed in.
Tests	The test reports of the steplet, if any.
Coverage	The coverage reports of the steplet, if any.

Click on a row to view the logs for that steplet.

◉ Queuing step	0s	✔
◉ Setup	6s	✔
◉ Booting Container	2s	✔
◉ Executing step	0s	✔
◉ echo "Executing matrix step on \${steplet_id}"	0s	
◉ cat ./fanout_demo/input.txt	0s	
◉ mkdir -p files	0s	
◉ echo "File got created in steplet \${steplet_id}" >> ./files/\${steplet_id}.txt	0s	
◉ set_step_var matrix_envs "key1 = \${key1},key2 = \${key2}"	0s	
◉ Cleanup	3s	✔