IWX Job Log Collector Tool

**Introduction:** This java-based utility is useful to collect all the Infoworks Datafoundry job logs and the application logs from the Hadoop side in one go.

The utility can be used to collect the logs for all three execution modes: Spark /Tez/MR mode for Pipeline jobs and MR mode for the Ingestion jobs.

**Steps to use this utility:**

1. Download the log\_collector.jar from the below google drive location.

<https://drive.google.com/file/d/1VvYJ9C29RhVzjmy71smuUML6C7k8BELG/view?usp=sharing>

* 1. Create a directory **log\_collector** under /opt/Infoworks (Infoworks home directory)

cd /opt/Infoworks

mkdir log\_collector

* 1. Provide 755 permissions on the log\_collector.jar.
  2. Download the jar from the above location to the log\_collector directory created.
  3. Source /opt/Infoworks/bin/env.sh
  4. Run the below command to extract the required logs for pipeline build job

**java -cp log\_collector.jar log\_collector <job\_id> pipeline**

job log is highlighted in the below screenshot

A screenshot of a cell phone

Description automatically generated

**For example**

**Java -cp log\_collector.jar log\_collector 050c394824a23ef67f713bba pipeline**

Screen shot of sample execution

A picture containing drawing

Description automatically generated

* 1. If it is an ingestion job run the below command.

**java -cp log\_collector.jar log\_collector <job\_id> ingestion**

A screenshot of a cell phone

Description automatically generated

For example

**java -cp log\_collector.jar log\_collector f6196e76c7bb814d7a90cc89 ingestion**

Screen shot of sample execution

A screenshot of a cell phone

Description automatically generated

The logs will be zipped into a application\_logs.zip file.

* 1. Share the zip file with Infoworks Support for further analysis.