

# Pegasus Statistics Python Version 4.0

## Introduction

pegasus-statistics is a command line tool for generating workflow execution statistics.

## Pegasus Statistics Output

pegasus-statistics generates the following statistics. Workflow summary is shown on the command line output. It generates three files for showing workflow statistics , job statistics and transformation statistics.

Workflow Summary :- Summary of the workflow run. If the given workflow has sub workflows it iteratively parses the sub workflow to generate the summary statistics. *It is shown on the command line console.*

Workflow statistics file :- A file containing statistics of individual workflows in a tabular format with the sum across workflow as the last row. If a given workflow has sub workflows it is considered as a single job, it won't iteratively parse the sub workflow. *The file is named 'workflow.txt'*

Job statistics file :- A file containing job statistics of individual workflows separated by their respective workflow uuid. *The file is named 'jobs.txt'*

Transformation statistics file :- A file containing transformation statistics of individual workflows separated by their respective workflow uuid. *The file is named 'breakdown.txt'*

Each section is described in the sub section pages.

## Python Statistics Retrieval Api

Please find the link to the python statistics retrieval api [here](#).