

The Ultimate list of metrics for GitHub Actions workflows

Overall Actions Workflow Analytics

- 1 # of unique workflow that are actively leveraged across the organization and the breakdown list of all the workflows
- 2 # of times workflow ran and the breakdown with # of times each workflow was executed across the organization
- 3 # of repositories that ran a workflow and count of repositories that leverage each of the unique workflows
- 4 # of times each workflow successfully run and % of success as versus total runs that's happened for that workflow across the organization
- 5 # of times each workflow failed and % of failure as versus total runs that's happened for that workflow across the organization
- 6 # of times each workflow skipped and % of times it has been skipped as versus total runs that's happened for that workflow across the organization
- 7 # of times each workflow cancelled and % of cancelled workflows as versus total runs that's happened for that workflow across the organization
- 8 Avg time taken to run all successful workflows and its breakdown of Avg time across the list of all the workflows across the organization
- 9 Avg time taken to run all failed workflows and its breakdown of Avg time across the list of all the workflows across the organization
- 10 Most failed workflow (by count) across all the workflow running across the organization
- 11 Most time-consuming workflow across all the workflow running across the organization

Workflow Aggregate by status & time taken to run for a particular workflow

- 1 # of times a workflow successfully run and % of success as versus total runs that's happened for that workflow
- 2 # of times a workflow failed and % of failure as versus total runs that's happened for that workflow
- 3 # of times a workflow skipped and % of times it has been skipped as versus total runs that's happened for that workflow
- 4 # of times a workflow cancelled and % of cancelled workflows as versus total runs that's happened for that workflow
- 5 Avg time taken to run a workflow across a series of runs for a particular workflow

Workflow Aggregate by status & time taken to run workflows that's commonly shared

Workflow aggregate for a shared workflow leveraged across different Applications, Repos and Branches that helps determine

- 1 List of all applications that leverage the same workflow across the organization
- 2 List of all repositories that leverage the same workflow across a particular application (as well as all other applications)
- 3 List of all branches that leverage the same workflow across a repository for a particular application (as well as across any repository across any application)
- 4 All the KPIs 2.1 thru 2.5 can be viewed for this above list to compare across any branch, any repo and any application across the enterprise

Workflow Aggregate – Jobs Summary

Workflow aggregate for all Jobs leveraged across different runs of the same workflow

- 1 # of times a Job successfully run and % of success versus total runs that's happened for that Job across multiple runs for a particular workflow
- 2 # of times a Job failed to run and % of failures versus total runs that's happened for that Job across multiple runs for a particular workflow
- 3 # of times a Job skipped run and % of skipped as versus total runs that's happened for that Job across multiple runs for a particular workflow
- 4 # of times a Job canceled run and % of canceled as versus total runs that's happened for that Job across multiple runs for a particular workflow
- 5 Avg time taken to run a Job across a series of runs for a particular workflow

GitHub Workflow Aggregate – Steps Summary

Workflow aggregate for all Steps leveraged across different runs of the same workflow

- 1 # of times a step's successfully run and % of success versus total runs that's happened for that step across multiple runs for a particular workflow
- 2 # of times a step's failed run and % of failures versus total runs that's happened for that step across multiple runs for a particular workflow
- 3 # of times a step's skipped run and % of skipped versus total runs that's happened for that step across multiple runs for a particular workflow
- 4 # of times a step's canceled run and % of canceled versus total runs that's happened for that step across multiple runs for a particular workflow
- 5 Avg time taken to run a step across a series of runs for a particular workflow

