



BlazeMeter & Github Action Integration

Version 1.3

Table of Contents

Introduction	3
Getting Started	3
Github Action & its Functions	7
Create New Test	7
Run Existing Test	8
Upload or Update Existing Test Files	9
Replace or Add the dependency files before running the test	9
Replace or Add the configuration files (main test file) before running the test	10
Update variables in Taurus Files	11
Run Existing Test and Download Artifacts log file	12
Add JMeter Properties	13
Customize the Report Name	14
Add notes to your Test Report	15
Override iterations configuration in existing JMeter tests	16
Override iterations configuration in JMX and create a new test	17
Override the load configuration parameters - Concurrency, Ramp Up and Duration	18
Update Test Data	19
Run an existing test by passing the Test Name instead of Test ID	20
Pass first Job result to another job	21
Send Microsoft Teams Webhook Notifications	23
Appendix: Github Action Variables Explained	24

Introduction

This document is for customers that would like to create and run BlazeMeter tests from their Github Action. By design, Github Action jobs get executed inside docker containers by using Github Action. BlazeMeter docker image was developed for this integration that performs various functions, including but not limited to, creating a test, running an existing test, updating the test files of an existing test, etc. The full list of functions performed by the docker image are detailed in later sections of this document.

Getting Started


This section details the steps involved in creation of a simple job in Github Action.

- Login to your Github account
- Once you are successfully logged in, create a new repository.

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner *

 blazerunner-g ▾

Repository name *

Great repository names are short and memorable. Need inspiration? How about [glowing-octo-parakeet?](#)

Description (optional)



Public

Anyone on the internet can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

Initialize this repository with:

Skip this step if you're importing an existing repository.

Add a README file

This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore

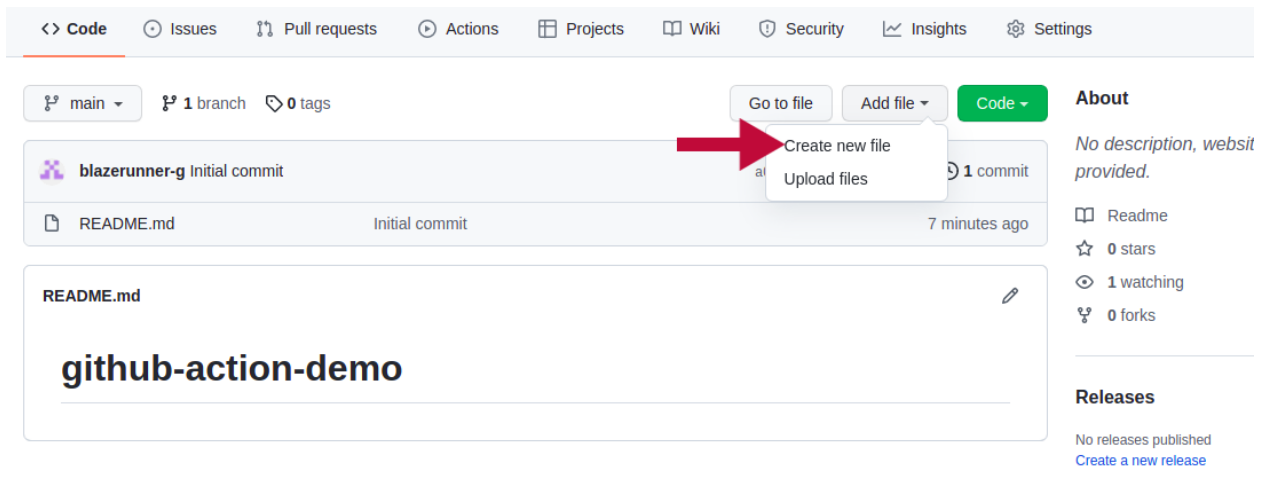
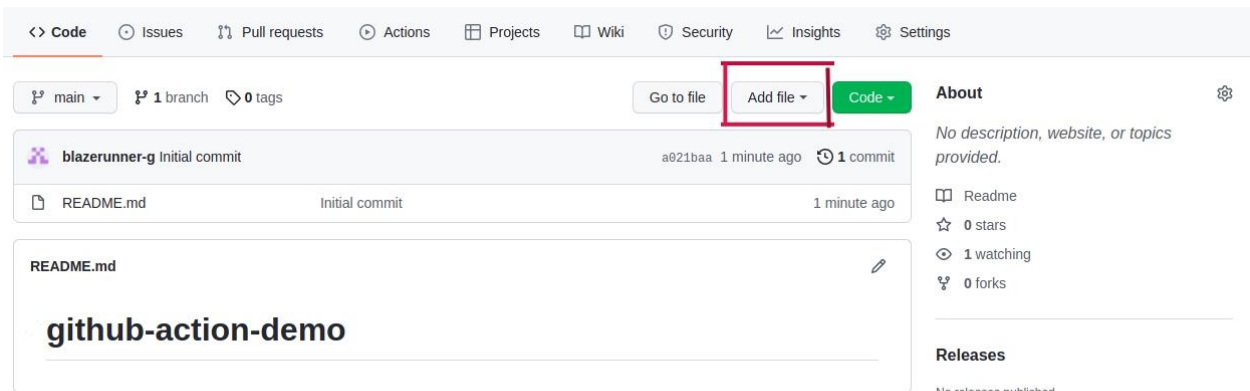
Choose which files not to track from a list of templates. [Learn more.](#)

Choose a license

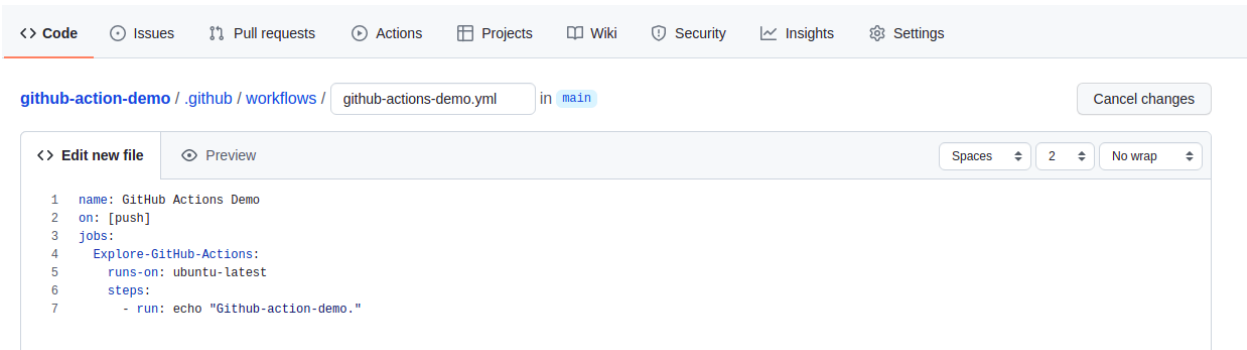
A license tells others what they can and can't do with your code. [Learn more.](#)

Create repository

- Github Action relies on a action.yml file where you define the following:
 - a. Create a **.github/workflows** directory in your repository on GitHub if this directory does not exist.
 - b. In the **.github/workflows** directory, create a file named **action.yml**
- Follow the screenshots below to create your action.yml file.



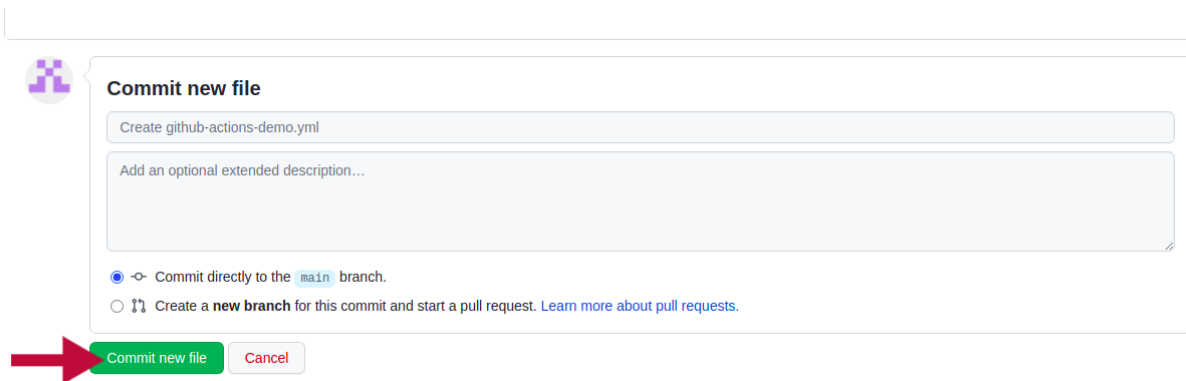
- Below is a screenshot of a sample action.yml file that prints a bunch of statements to the console.



The screenshot shows the GitHub Actions workflow editor interface. At the top, there is a navigation bar with links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. Below the navigation bar, the file path is shown as `github-action-demo / .github / workflows / github-actions-demo.yml` in the `main` branch. A `Cancel changes` button is visible in the top right corner. The main editor area has tabs for `Edit new file` and `Preview`. The code in the editor is as follows:

```
1 name: GitHub Actions Demo
2 on: [push]
3 jobs:
4   Explore-GitHub-Actions:
5     runs-on: ubuntu-latest
6     steps:
7       - run: echo "Github-action-demo."
```

- Click **Commit** to save your changes.



The screenshot shows the 'Commit new file' dialog box in GitHub. It features a GitHub logo on the left. The title is 'Commit new file'. Below the title, there is a text input field containing 'Create github-actions-demo.yml'. Underneath is a larger text area for an optional extended description. At the bottom, there are two radio button options: the first is selected and reads 'Commit directly to the main branch.', and the second is unselected and reads 'Create a new branch for this commit and start a pull request. Learn more about pull requests.' At the bottom left, a red arrow points to a green 'Commit new file' button, with a 'Cancel' button next to it.

- You may now run the jobs in your pipeline by navigating to Actions >> All workflows

The screenshot shows the GitHub Actions interface. At the top, there is a navigation bar with links for Code, Issues, Pull requests, Actions (highlighted), Projects, Wiki, Security, Insights, and Settings. Below this, the 'Workflows' section is visible, with a 'New workflow' button and a list of workflows, including 'GitHub Actions Demo'. The main area is titled 'All workflows' and shows 'Showing runs from all workflows'. A search bar is present with the text 'Filter workflow runs'. Below the search bar, there is a table with the following structure:

1 workflow run		Event	Status	Branch	Actor
	Create github-actions-demo.yml GitHub Actions Demo #1: Commit ea31d9d pushed by blazerunner-g	main	5 minutes ago	14s	...

Github Action & its Functions

Github Action lets you perform several functions. This section details each function along with syntax that you need to use in the action.yml file.

Create New Test

Follow the configuration below to create a new test if the test name is already present in blazemeter then update or upload the main test file otherwise create a new test and execute a test in BlazeMeter.

```
name: github-action
env:
  apiKey: "xxxx"
  apiSecret: "xxxx"
  createTest: "true"
  inputStartFile: "xxxx"
  testName: "xxxx"
  projectID: "xxxx"
  continuePipeline: "false"
  showTailLog: "false"

on: push
jobs:
  github-action:
    runs-on: ubuntu-latest
    steps:
      - name: Checkout
        uses: actions/checkout@v2.3.4
      - name: Run Blazemeter test
        uses: BlazeRunner-BZR/Github-Action@v8.1
        id: run-test
        with:
          apiKey: ${env.apiKey}
          apiSecret: ${env.apiSecret}
          createTest: ${env.createTest}
          inputStartFile: ${env.inputStartFile}
          testName: ${env.testName}
          projectID: ${env.projectID}
```

```
continuePipeline: ${env.continuePipeline}}
showTailLog: ${env.showTailLog}}
```

Note:

uses: actions/checkout@v2.3.4 - It's a dependency to the working folder, this is required while uploading files on blazemeter.

Run Existing Test

Follow the configuration below to run an existing BlazeMeter test.

```
name: github-action
env:
  apiKey: "xxxx"
  apiSecret: "xxxx"
  testID: "xxxx"
  continuePipeline: "false"
  showTailLog: "false"

on: push
jobs:
  github-action:
    runs-on: ubuntu-latest
    steps:
      - name: Checkout
        uses: actions/checkout@v2.3.4
      - name: Run Blazemeter test
        uses: BlazeRunner-BZR/Github-Action@v8.1
        id: run-test
        with:
          apiKey: ${env.apiKey}}
          apiSecret: ${env.apiSecret}}
          testID: ${env.testID}}
          continuePipeline: ${env.continuePipeline}}
          showTailLog: ${env.showTailLog}}
```


Upload or Update Existing Test Files

Replace or Add the dependency files before running the test

If an existing BlazeMeter test of yours requires you to have dependent files, follow the configuration below to upload those files to an existing test and run it.

If your test requires multiple files to be uploaded, you must put all those files under a folder and reference the folder path inside the *inputAllFiles* variable.

```
name: github-action
env:
  apiKey: "xxxx"
  apiSecret: "xxxx"
  testID: "xxxx"
  inputAllFiles: "xxxx"
  uploadFileCheck: "true"
  continuePipeline: "false"
  showTailLog: "false"

on: push
jobs:
  github-action:
    runs-on: ubuntu-latest
    steps:
      - name: Checkout
        uses: actions/checkout@v2.3.4
      - name: Run Blazemeter test
        uses: BlazeRunner-BZR/Github-Action@v8.1
        id: run-test
        with:
          apiKey: ${env.apiKey}
          apiSecret: ${env.apiSecret}
          testID: ${env.testID}
          inputAllFiles: ${env.inputAllFiles}
          uploadFileCheck: ${env.uploadFileCheck}
          continuePipeline: ${env.continuePipeline}
          showTailLog: ${env.showTailLog}
```

Replace or Add the configuration files (main test file) before running the test

Follow the configuration below to update the main test file of an existing test and run it.

```
name: github-action
env:
  apiKey: "xxxx"
  apiSecret: "xxxx"
  testID: "xxxx"
  inputStartFile: "xxxx"
  uploadFileCheck: "true"
  continuePipeline: "false"
  showTailLog: "false"

on: push
jobs:
  github-action:
    runs-on: ubuntu-latest
    steps:
      - name: Checkout
        uses: actions/checkout@v2.3.4
      - name: Run Blazemeter test
        uses: BlazeRunner-BZR/Github-Action@v8.1
        id: run-test
        with:
          apiKey: ${env.apiKey}
          apiSecret: ${env.apiSecret}
          testID: ${env.testID}
          uploadFileCheck: ${env.uploadFileCheck}
          inputStartFile: ${env.inputStartFile}
          continuePipeline: ${env.continuePipeline}
          showTailLog: ${env.showTailLog}
```

Update variables in Taurus Files

If your test is defined as a Taurus `.yaml` file and it contains variables that you would like to be updated at run-time, then the ***envVariable*** feature comes handy.

Let's assume you have a variable called `username` in your Taurus `.yaml` file and you want the value of that variable to be set to `jdoe`. You may do so by passing the key-value pair as `username:jdoe`, which then replaces the variable `username` in your `.yaml` file with the value `jdoe`.

This works only in combination with the ***inputStartFile*** variable, which means that the file gets updated locally on the runner and the updated file gets uploaded to your BlazeMeter test before execution.

```
name: github-action
env:
  apiKey: "xxxx"
  apiSecret: "xxxx"
  inputStartFile: "xxxx"
  createTest: "true"
  testName: "xxxx"
  projectID: "xxxx"
  envVariable: '{"key": "\"value\""}'
  continuePipeline: "false"
  showTailLog: "false"

on: push
jobs:
  github-action:
    runs-on: ubuntu-latest
    steps:
      - name: Checkout
        uses: actions/checkout@v2.3.4
      - name: Run Blazemeter test
        uses: BlazeRunner-BZR/Github-Action@v8.1
        id: run-test
    with:
      apiKey: ${env.apiKey}
      apiSecret: ${env.apiSecret}
      inputStartFile: ${env.inputStartFile}
```

```
createTest: ${{env.createTest}}
testName: ${{env.testName}}
projectID: ${{env.projectID}}
envVariable: ${{env.envVariable}}
continuePipeline: ${{env.continuePipeline}}
showTailLog: ${{env.showTailLog}}
```

Run Existing Test and Download Artifacts log file

Follow the configuration below to run an existing test and then download the artifacts to the CI Project directory.

```
name: github-action
env:
  apiKey: "xxxx"
  apiSecret: "xxxx"
  testID: "xxxx"
  continuePipeline: "false"
  showTailLog: "false"

on: push
jobs:
  github-action:
    runs-on: ubuntu-latest
    steps:
      - name: Checkout
        uses: actions/checkout@v2.3.4
      - name: Run Blazemeter test
        uses: BlazeRunner-BZR/Github-Action@v8.1
        id: run-test
    with:
      apiKey: ${{env.apiKey}}
      apiSecret: ${{env.apiSecret}}
      testID: ${{env.testID}}
      continuePipeline: ${{env.continuePipeline}}
      showTailLog: ${{env.showTailLog}}
```

Add JMeter Properties

If your test is JMeter based and you would like to add/update a JMeter property, you may do it by using the *jmeterProperties* variable as shown in the example below.

```
name: github-action
env:
  apiKey: "xxxx"
  apiSecret: "xxxx"
  testID: "xxxx"
  jmeterProperties: "key=value"
  continuePipeline: "false"
  showTailLog: "false"

on: push
jobs:
  github-action:
    runs-on: ubuntu-latest
    steps:
      - name: Checkout
        uses: actions/checkout@v2.3.4
      - name: Run Blazemeter test
        uses: BlazeRunner-BZR/Github-Action@v8.1
        id: run-test
        with:
          apiKey: ${env.apiKey}
          apiSecret: ${env.apiSecret}
          testID: ${env.testID}
          jmeterProperties: ${env.jmeterProperties}
          continuePipeline: ${env.continuePipeline}
          showTailLog: ${env.showTailLog}
```

Customize the Report Name

Use the **reportName** parameter to give a name to your test report.

```
name: github-action
env:
  apiKey: "xxxx"
  apiSecret: "xxxx"
  testID: "xxxx"
  reportName: "xxxx"
  continuePipeline: "false"
  showTailLog: "false"

on: push
jobs:
  github-action:
    runs-on: ubuntu-latest
    steps:
      - name: Checkout
        uses: actions/checkout@v2.3.4
      - name: Run Blazemeter test
        uses: BlazeRunner-BZR/Github-Action@v8.1
        id: run-test
        with:
          apiKey: ${env.apiKey}
          apiSecret: ${env.apiSecret}
          testID: ${env.testID}
          reportName: ${env.reportName}
          continuePipeline: ${env.continuePipeline}
          showTailLog: ${env.showTailLog}
```

Add notes to your Test Report

Use the *notes* parameter to add notes to your test report.

```
name: github-action
env:
  apiKey: "xxxx"
  apiSecret: "xxxx"
  testID: "xxxx"
  notes: "xxxx"
  continuePipeline: "false"
  showTailLog: "false"

on: push
jobs:
  github-action:
    runs-on: ubuntu-latest
    steps:
      - name: Checkout
        uses: actions/checkout@v2.3.4
      - name: Run Blazemeter test
        uses: BlazeRunner-BZR/Github-Action@v8.1
        id: run-test
        with:
          apiKey: ${env.apiKey}
          apiSecret: ${env.apiSecret}
          testID: ${env.testID}
          notes: ${env.notes}
          continuePipeline: ${env.continuePipeline}
          showTailLog: ${env.showTailLog}
```

Override iterations configuration in existing JMeter tests

If your JMeter test is iteration based and not duration based, then you may override the iterations value in the JMX through the use of the variables ***iterationsConfig*** and ***iterations*** as shown in the example below.

```
name: github-action
env:
  apiKey: "xxxx"
  apiSecret: "xxxx"
  testID: "xxxx"
  iterationsConfig: "true"
  iterations: "xxxx"
  continuePipeline: "false"
  showTailLog: "false"

on: push
jobs:
  github-action:
    runs-on: ubuntu-latest
    steps:
      - name: Checkout
        uses: actions/checkout@v2.3.4
      - name: Run Blazemeter test
        uses: BlazeRunner-BZR/Github-Action@v8.1
        id: run-test
        with:
          apiKey: ${env.apiKey}
          apiSecret: ${env.apiSecret}
          testID: ${env.testID}
          iterationsConfig: ${env.iterationsConfig}
          iterations: ${env.iterations}
          continuePipeline: ${env.continuePipeline}
          showTailLog: ${env.showTailLog}
```


Override iterations configuration in JMX and create a new test

This function is similar to the previous one except for the fact that it also creates a new test on the fly.

```
name: github-action
env:
  apiKey: "xxxx"
  apiSecret: "xxxx"
  createTest: "true"
  inputStartFile: "xxxx"
  testName: "xxxx"
  projectID: "xxx"
  iterationsConfig: "true"
  iterations: "xxxx"
  continuePipeline: "false"
  showTailLog: "false"

on: push
jobs:
  github-action:
    runs-on: ubuntu-latest
    steps:
      - name: Checkout
        uses: actions/checkout@v2.3.4
      - name: Run Blazemeter test
        uses: BlazeRunner-BZR/Github-Action@v8.1
        id: run-test
        with:
          apiKey: ${env.apiKey}
          apiSecret: ${env.apiSecret}
          createTest: ${env.createTest}
          inputStartFile: ${env.inputStartFile}
          testName: ${env.testName}
          projectID: ${env.projectID}
          iterationsConfig: ${env.iterationsConfig}
          iterations: ${env.iterations}
          continuePipeline: ${env.continuePipeline}
          showTailLog: ${env.showTailLog}
```

Override the load configuration parameters - Concurrency, Ramp Up and Duration

Follow the configuration below to override the load configuration parameters.

```
name: github-action
env:
  apiKey: "xxxx"
  apiSecret: "xxxx"
  createTest: "true"
  inputStartFile: "xxxx"
  testName: "xxxx"
  projectID: "xxxx"
  totalUsers: "xxxx"
  duration: "xxxx"
  rampUp: "xxxx"
  continuePipeline: "false"
  showTailLog: "false"

on: push
jobs:
  github-action:
    runs-on: ubuntu-latest
    steps:
      - name: Checkout
        uses: actions/checkout@v2.3.4
      - name: Run Blazemeter test
        uses: BlazeRunner-BZR/Github-Action@v8.1
        id: run-test
        with:
          apiKey: ${env.apiKey}
          apiSecret: ${env.apiSecret}
          createTest: ${env.createTest}
          inputStartFile: ${env.inputStartFile}
          testName: ${env.testName}
          projectID: ${env.projectID}
          totalUsers: ${env.totalUsers}
          duration: ${env.duration}
          rampUp: ${env.rampUp}
          continuePipeline: ${env.continuePipeline}
```

```
showTailLog: ${{env.showTailLog}}
```

Update Test Data

This function is specific to Scriptless Functional Tests that leverage the Test Data feature. When you use the Test Data module in your tests, you are basically referencing variables in your test that are managed by the Test Data module. These variable values can be overridden from your pipeline by use of the **modelData** parameter. It requires the use of key-value pairs as shown below.

```
name: github-action
env:
  apiKey: "xxxx"
  apiSecret: "xxxx"
  testID: "xxxx"
  modelData: '{"key": "\value\"}'
  continuePipeline: "false"
  showTailLog: "false"

on: push
jobs:
  github-action:
    runs-on: ubuntu-latest
    steps:
      - name: Checkout
        uses: actions/checkout@v2.3.4
      - name: Run Blazemeter test
        uses: BlazeRunner-BZR/Github-Action@v8.1
        id: run-test
        with:
          apiKey: ${{env.apiKey}}
          apiSecret: ${{env.apiSecret}}
          testID: ${{env.testID}}
          modelData: ${{ toJSON(env.modelData) }}
          continuePipeline: ${{env.continuePipeline}}
          showTailLog: ${{env.showTailLog}}
```

Run an existing test by passing the Test Name instead of Test ID

You may execute tests by passing the Test Name as opposed to a Test ID as shown below. If the Test Name passed does not exist on the BlazeMeter side, the job fails with an error message.

```
name: github-action
env:
  apiKey: "xxxx"
  apiSecret: "xxxx"
  continuePipeline: "false"
  showTailLog: "false"
  testName: "xxxx"
  projectID: "xxxx"
  testRunByTestName: "true"

on: push
jobs:
  first-job:
    runs-on: ubuntu-latest
    steps:
      - name: Checkout
        uses: actions/checkout@v2.3.4
      - name: Run Blazemeter test
        uses: BlazeRunner-BZR/Github-Action@v8.1
        id: run-test
        with:
          apiKey: ${env.apiKey}
          apiSecret: ${env.apiSecret}
          continuePipeline: ${env.continuePipeline}
          showTailLog: ${env.showTailLog}
          testName: ${env.testName}
          projectID: ${env.projectID}
          testRunByTestName: ${env.testRunByTestName}
```

Pass first Job result to another job

Follow the configuration below to pass first job result are used in second job

```
name: github-action
env:
  apiKey: "xxxx"
  apiSecret: "xxxx"
  testID: "xxxx"
  continuePipeline: "false"
  showTailLog: "false"
  ignoreSLA: "true"

on: push
jobs:
  first-job:
    runs-on: ubuntu-latest
    steps:
      - name: Checkout
        uses: actions/checkout@v2.3.4
      - name: Run Blazemeter test
        uses: BlazeRunner-BZR/Github-Action@v8.1
        id: run-test
        with:
          apiKey: ${env.apiKey}
          apiSecret: ${env.apiSecret}
          testID: ${env.testID}
          continuePipeline: ${env.continuePipeline}
          showTailLog: ${env.showTailLog}
          ignoreSLA: ${env.ignoreSLA}
      - name: powershell
        id: identify
        shell: pwsh
        run: |
          $results = Get-Content -Path results
          echo "::set-output name=results::$results"
    outputs:
      results: ${ steps.identify.outputs.results }
  second-job:
    needs: first-job
    runs-on: ubuntu-latest
```

```

steps:
  - name: "Get result From first Job"
    run: |
      echo "display result data"
      echo 'results:  ${{
toJSON(fromJSON(needs.first-job.outputs.results)) }}'

```

Send Microsoft Teams Webhook Notifications

Use the **webhookURL** parameter to send Microsoft teams notifications for test start, internal report url, public report url, test end and test status.

```

name: github-action
env:
  apiKey: "xxxx"
  apiSecret: "xxxx"
  continuePipeline: "false"
  showTailLog: "false"
  testID: "xxxx"
  webhookURL: "xxxx"

on: push
jobs:
  first-job:
    runs-on: ubuntu-latest
    steps:
      - name: Checkout
        uses: actions/checkout@v2.3.4
      - name: Run Blazemeter test
        uses: BlazeRunner-BZR/Github-Action@v8.1
        id: run-test
    with:
      apiKey: ${{env.apiKey}}
      apiSecret: ${{env.apiSecret}}
      continuePipeline: ${{env.continuePipeline}}
      showTailLog: ${{env.showTailLog}}
      testID: ${{env.testID}}
      webhookURL: ${{env.webhookURL}}

```

Note :

If you have configured Microsoft teams webhook notifications then **continuePipeline:'false'** is a mandatory parameter because jobs are waiting to complete the test to get test status.

Appendix: Github Action Variables Explained

There are several variables available for use with the BlazeMeter Github Action. This section describes the purpose of each of these variables.

- apiKey
 - User's BlazeMeter API Key
 - DataType: String
 - Format
 - apiKey : <apiKey>
- apiSecret
 - User's BlazeMeter API Secret
 - DataType: String
 - Format
 - apiSecret: <apiSecret>
- testID
 - BlazeMeter Test ID
 - DataType: String
 - Format
 - testID : <testID>
- showTailLog
 - If enabled, shows a running log in real-time in the Gitlab console
 - DataType: Boolean (default is true)
 - Format
 - showTailLog : <showTailLog>
- createTest
 - If enabled, creates a new test in BlazeMeter
 - DataType: Boolean (default is false)
 - Format
 - createTest : <createTest>

- testName
 - Name of the BlazeMeter Test
 - DataType: String
 - Format
 - testName : <testName>
- inputAllFiles
 - Used when uploading multiple files while creating or updating the test
 - DataType: String
 - This needs **uploadFileCheck** flag to be set to true
 - Format
 - inputAllFiles : <inputAllFiles>
- inputStartFile
 - Used when uploading single start file while test creation
 - DataType: String
 - Format
 - inputStartFile : <inputStartFile>
- uploadFileCheck
 - When Used in conjunction with inputAllFiles, this must be set to true
 - DataType: Boolean (default is false)
 - Format
 - uploadFileCheck : <uploadFileCheck>
- totalUsers
 - Number of target concurrent virtual users
 - DataType: Integer (default is 20)
 - Format
 - totalUsers: <totalUsers>
- duration
 - Time to hold target concurrency (in minutes)
 - DataType: Integer (default is 20)
 - Format
 - duration : <duration>
- projectID
 - BlazeMeter Project ID
 - DataType: String
 - Format
 - projectID : <projectID>
- rampUp
 - Ramp-up time to reach target concurrency (in minutes)

- DataType: String (default is 1 minute)
- Format
 - rampUp : <rampUp>
- continuePipeline
 - When set to false, the pipeline waits until the test execution completes (holding up any other subsequent tasks)
 - When set to true, the job just kicks off the BlazeMeter test, but continues the execution of subsequent tasks in the pipeline, if any
 - Artifacts can be downloaded to Gitlab CI Directory only if this is set to false
 - DataType: Boolean (default is true)
 - Format
 - continuePipeline : <continuePipeline>
- multiTests
 - If the test being kicked off is a multi-test, this value must be set to true
 - DataType: Boolean (default is false)
 - Format
 - multiTests : <multiTests>
- functionalTest
 - If a functional test suite is being kicked off, this value must be set to true
 - DataType: Boolean (default is false)
 - Format
 - functionalTest : <functionalTest>
- modelData
 - Used in cases where the variables inside the Test Data Model need to be updated
 - DataType: String (Only Key Value Pairs are accepted in the format shown below)
 - Format
 - modelData : <{'email': "\\$EMAIL'", "password": "\\$PASSWORD'"}>
- envVariable
 - This is similar to the modelData parameter. The only difference in this case is that instead of updating the test data, this parameter is used to update any variables in an existing Taurus .yaml file
 - For instance, if a Taurus .yaml file has two parameters **username** and **password**. To update those values, you may use the format below.
 - Format
 - envVariable: <{'username':
"\\$USERNAME'", "password": "\\$PASSWORD'"}>
- jmeterProperties
 - Used to add Jmeter Properties

- DataType: String (Key-Value Pairs as shown below)
 - Format
 - jmeterProperties : <"key=value">
- reportName
 - Report Name in BlazeMeter
 - DataType: String
 - Format
 - reportName : <report_name>
- notes
 - Notes section of a given report in BlazeMeter
 - DataType: String
 - Format
 - notes : <notes>
- iterationsConfig
 - Run a test based on iterations and not duration
 - DataType: Boolean (default is false)
 - iterationsConfig : <iterationsConfig>
- iterations
 - In case of iterations based test, set the number of iterations
 - DataType: Integer (default is 1)
 - Format
 - iterations : <iterations>
- testRunByTestName
 - Run a test by its name as opposed to its ID
 - DataType: Boolean (default is false)
 - Format
 - testRunByTestName : <testRunByTestName>
- ignoreSLA
 - When set to true, the job always returns a **Success**
 - DataType: Boolean (default is false)
 - Format
 - ignoreSLA : <ignoreSLA>
- webhookURL
 - Used when send microsoft teams notification for test start, internal report url, public report url, test end and test status
 - DataType: String
 - Format
 - webhookURL : <webhookURL>

- enablePublicReportURL
 - Used when send public report url through a microsoft teams notification
 - DataType: Boolean (default is false)
 - Format
 - enablePublicReportURL: <true/false>