

# Data Format of hook variables

Data passed to different types of hooks follows the following format:

## 1. Pre Test Run Hook Data Format

Hooks defined in the hook category "Pre Test Run Hooks" receives a variable **\$tr**. Format of this variable is as follows:

```
{
  "details": {
    "id": "<String>", //Test Run Id
    "name": "<String>", //Name of the test run
    "createdAt": "<String>",//Test Run Creation Date and Time
    "executionSource": "<String>", //Execution Source, values can be one of vREST-APP or
vranner
    "environment": "<String>", //Test Environment name configured in vREST
    "executor": {
      "name": "<String>", //Test Run Executor name
      "email": "<String>" //Test Run executor email
    }
  }
}
```

## 2. Post Test Run Hook Data Format

Hooks defined in the hook category "Post Test Run Hooks" receives the updated variable **\$tr**. Format of this variable is as follows:

```
{
  "details": {
    "id": "<String>", //Test Run Id
    "name": "<String>", //Test Run name
    "createdAt": "<String>",//Test Run Creation Date and Time
    "executionSource": "<String>", //Execution Source, values can be one of vREST-APP or
vranner
    "environment": "<String>", //Test Environment name configured in vREST
    "executor": {
      "name": "<String>", //Test Run Executor name
      "email": "<String>" //Test Run executor email
    }
  },
  "result": {
    "totalCount": "<Number>", //Total number of test cases
    "failedCount": "<Number>", //Count of failed test cases
    "passedCount": "<Number>", //Count of passed test cases
    "notExecutedCount": "<Number>", //Count of not executed test cases
    "notRunnableCount": "<Number>", //Count of not runnable test cases
    "remarks": "<String>", //Remarks if any
    "resultLink": "<String>" //Link to view the results of test cases in the test run
  }
}
```

## 3. Pre Test Case Hook Data Format

Hooks defined in the hook category "Pre Test Case Hooks" receives a variable **\$tc**. Format of this variable is as follows:

```

{
  "details": {
    "id": "<String>", //Test Case Id
    "summary": "<String>", //Test Case summary
    "externalId": "<String>", //External Id of the test case if defined
    "loopIndex": "<Number>" //Current loop index useful for test case having a loop
  },
  "request": { //Test Case request definition as specified by user
    "method": "<String>", //Test Case request method, value can be one of GET, POST, PUT,
    PATCH, DELETE, OPTIONS.
    "url": "<String>", //Test Case URL
    "params": [
      {
        "id": "<String>", //Parameter Id
        "name": "<String>", //Parameter name
        "method": "String", //Parameter type, value can be one of query, body,
        path.
        "value": "<String>", //Parameter value
        "description": "<String>", //Parameter description
        "paramType": "String" //Parameter data type, value can be one of string,
        number, boolean, object.
      },
      ...
    ],
    "headers": [
      {
        "id": "<String>", //Header Id
        "name": "<String>", //Header name
        "value": "<String>" //Header value
      },
      ...
    ],
    "rawBody": "<String>" //Raw body if specified, in string format
  }
}

```

**Note:** This hook also receives the variable **\$tr** (Format is same as Pre Test Run hook Data Format).

#### 4. Post Test Case Hook Data Format

Hooks defined in the hook category "Post Test Case Hooks" receives the updated variable **\$tc**. Format of this variable is as follows:

```

{
  "details": {
    "id": "<String>", //Test Case Id
    "summary": "<String>", //Test Case summary
    "externalId": "<String>",//External Id of the test case if defined
    "loopIndex": "<Number>" //Current loop index useful for test case having a loop
  },
  "request": { //Test Case request definition as specified by user
    "method": "<String>", //Test Case request method, value can be one of GET, POST, PUT,
    PATCH, DELETE, OPTIONS.
    "url": "<String>", //Test Case URL
    "params": [
      {
        "id": "<String>", //Parameter Id
        "name": "<String>", //Parameter name
        "method": "String", //Parameter type, value can be one of query, body,
        path.
        "value": "<String>", //Parameter value
        "description": "<String>", //Parameter description
        "paramType": "String" //Parameter data type, value can be one of string,
        number, boolean, object.
      },
      ...
    ],
    "headers": [
      {
        "id": "<String>", //Header Id
        "name": "<String>", //Header name
        "value": "<String>" //Header value
      },
      ...
    ],
    "rawBody": "<String>" //Raw body if specified, in string format
  },
  "execution": {
    "request": {
      "url": "<String>", //Test Case execution URL with query params
      "method": "<String>", //Test Case request method, value can be one of GET, POST,
      PUT, PATCH, DELETE, OPTIONS.
      "headers": "<String>", //JSON String containing request header names as keys and
      header values as values of those keys.
      "body": "<String>" //Request body in string form
    },
    "response": {
      "statusCode": "<Number>", //Response Status Code
      "headers": "<String>", //JSON String containing response header names as keys
      and header values as values of those keys.
      "body": "<String>" //Response body in string form
    }
  },
  "result": {
    "isExecuted": "<Boolean>", //Flag whether the test case is executed or not in the
    current test run.
    "isPassed": "<Boolean>", //Flag whether the test case is passed or not in the current
    test run.
    "isRunnable": "<Boolean>", //Flag whether the test case is runnable or not in the
    current test run.
    "resultLink": "<String>" //Link to view the result of this test case in the current test
    run.
  }
}

```

**Note:** This hook also receives the variable **\$tr** (Format is same as Pre Test Run hook Data Format).