API JobGroups Get v4

This is the latest version of the APIs.

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Get information on the specified job group. A **job group** is a job that is executed from a specific node in a flow. The job group may contain:

- Wrangling job on the dataset associated with the node
- Jobs on all datasets on which the selected job may depend
- A profiling job for the job group

Version: `v4`

Required Permissions

> **NOTE:** Each request to the Trifacta® platform must include authentication credentials. See *API Authentication.*

Request

Request Type: `GET`

Endpoint:

```
/v4/jobGroups/<id>
```

where:

Parameter	Description
`<id>`	Internal identifier for the job group

Endpoint with embedded references:

Use the following endpoint to embed additional information:

Embed Parameter	Description
jobs	Embed information about the child jobs within the job group. Array includes information on transformation, profiling, and publishing jobs that are part of the job group.

wrangledDataset	This field contains the internal identifier for the dataset on which the job was run.

```
/v4/jobGroups/<id>?embed=jobs,wrangledDataset
```

Query parameter reference:

The following query parameters can be submitted with this endpoint:

Query Parameter	Data Type	Description
embed	string	Comma-separated list of objects to include part of the response.
includeDeleted	string	If set to `true`, response includes deleted objects.

For more information, see *API Common Query Parameters v4*.

Request URI - Example:

```
/v4/jobGroups/8
```

Request Body:

Empty.

Response

Response Status Code - Success: `200 - OK`

Response Body Example:

```
{
    "id": 8,
    "name": null,
    "description": null,
    "ranfrom": "ui",
    "ranfor": "recipe",
    "status": "Complete",
    "profilingEnabled": true,
    "runParameterReferenceDate": "2018-01-25T18:01:15.000Z",
    "createdAt": "2018-01-25T18:01:16.456Z",
    "updatedAt": "2018-01-25T18:01:21.082Z",
    "workspace": {
        "id": 1
    },
    "creator": {
        "id": 1
    },
    "updater": {
        "id": 1
    },
    "snapshot": {
        "id": 8
    },
    "wrangledDataset": {
        "id": 12
    },
    "flowRun": null
}
```

Response Body Example with embedded reference:

The following example response includes embedded information on jobs and the recipe associated with it.

```
{
    "id": 8,
    "name": null,
    "description": null,
    "ranfrom": "ui",
    "ranfor": "recipe",
    "status": "Complete",
    "profilingEnabled": true,
    "runParameterReferenceDate": "2018-01-25T18:01:15.000Z",
    "createdAt": "2018-01-25T18:01:16.456Z",
    "updatedAt": "2018-01-25T18:01:21.082Z",
    "jobs": {
        "data": [
            {
                "id": 2,
                "createdAt": "2018-01-25T18:01:16.687Z",
                "updatedAt": "2018-01-25T18:01:21.071Z",
                "status": "Complete",
                "jobType": "filewriter",
                "sampleSize": 100,
                "percentComplete": 100,
                "creator": {
                    "id": 1
                },
                "jobGroup": {
                    "id": 1
                },
                "errorMessage": null,
                "scriptResult": {
                    "id": 1
                },
                "writeSetting": {
                    "id": 2
```

```
                }
            },
            {
                "id": 1,
                "executionLanguage": "<running_environment_name>",
                "cpJobId": null,
                "templateLocation": null,
                "createdAt": "2018-01-25T18:01:16.652Z",
                "updatedAt": "2018-01-25T18:01:19.558Z",
                "status": "Complete",
                "jobType": "wrangle",
                "sampleSize": 100,
                "percentComplete": 100,
                "creator": {
                    "id": 1
                },
                "jobGroup": {
                    "id": 1
                },
                "errorMessage": null,
                "wrangleScript": {
                    "id": 9
                }
            }
        ]
    },
    "wrangledDataset": {
        "id": 12,
        "wrangled": true,
        "referenceName": null,
        "referenceDescription": null,
        "createdAt": "2018-01-25T17:53:54.703Z",
        "updatedAt": "2018-01-25T17:53:54.741Z",
        "activeSample": {
            "id": 12
        },
        "creator": {
            "id": 1
        },
        "updater": {
            "id": 1
        },
        "recipe": {
            "id": 12
        },
        "flow": {
            "id": 4
        }
    },
    "workspace": {
        "id": 1
    },
    "creator": {
        "id": 1
    },
    "updater": {
        "id": 1
    },
    "snapshot": {
        "id": 8
    },
    "flowRun": null
}
```

Reference

Property	Description

id	Internal identifier for the job group
name	Internal name of the job group
description	User-friendly description for the job group
ranfrom	Where the job group was executed from: `ui` - Trifacta application
ranfor	Description of the object for which the job was run: • `recipe` - Recipe in a flow • `sampling` - Sampling job for a dataset • `pendingDatasource` - Job that is subjected to conversion, such as importing a Microsoft Excel workbook.
status	Current status of the job group: **Tip:** Monitor the value in this field to get status on the specific jobGroup in progress. • `Created` - job group has been created based on the current action. • `Pending` - job group is queued for execution. • `InProgress` - job group is currently running. • `Complete` - job group has completed successfully. • `Failed` - job group has failed. • `Canceled` - job group was canceled by user action.
profilingEnabled	When `true`, a profiling job was executed as part of this job group.
runParameterReferenceDate	When a recipe is executed with dynamic parameters, this parameter is stored with the timestamp at the time of execution. It can be used in debugging execution issues. Do not modify this value.
createdAt	Timestamp for when the job group was launched
updatedAt	Timestamp for when the job group was last updated
jobs	A list of all jobs that were launched based on this job group.For more information, see *API JobGroups Get Jobs v4*.
wrangledDataset	Internal identifier of the object from where the job group was executed.For more information, see *API WrangledDatasets Get v4*.
workspace.id	Internal identifier for the workspace where the job was executed
creator.id	Internal identifier for the user who created the job group
updater.id	Internal identifier for the user who last updated the job group
snapshot.id	Internal identifier of the data snapshot for the job group
flowRun	**NOTE:** This parameter is used for internal platform purposes. Do not modify.