

# API JobGroups Get v4

This is the latest version of the APIs.

## Contents:

- *Required Permissions*
- *Request*
- *Response*
- *Reference*

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:<br><br>ui - Trifacta application   |
| ranfor                    | Description of the object for which the job was run: <ul style="list-style-type: none"> <li>• <code>recipe</code> - Recipe in a flow</li> <li>• <code>sampling</code> - Sampling job for a dataset</li> <li>• <code>pendingDatasource</code> - Job that is subjected to conversion, such as importing a Microsoft Excel workbook.</li> </ul>  |
| status                    | Current status of the job group: <div style="border: 1px solid #c6e0b4; padding: 10px; margin: 10px 0;"> <p><b>Tip:</b> Monitor the value in this field to get status on the specific jobGroup in progress.</p> </div> <ul style="list-style-type: none"> <li>• <code>Created</code> - job group has been created based on the current action.</li> <li>• <code>Pending</code> - job group is queued for execution.</li> <li>• <code>InProgress</code> - job group is currently running.</li> <li>• <code>Complete</code> - job group has completed successfully.</li> <li>• <code>Failed</code> - job group has failed.</li> <li>• <code>Canceled</code> - job group was canceled by user action.</li> </ul> |
| profilingEnabled          | When <code>true</code> , 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 <i>API JobGroups Get Jobs v4</i> .   |
| wrangledDataset           | Internal identifier of the object from where the job group was executed. For more information, see <i>API WrangledDatasets Get v4</i> .   |
| 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                   | <div style="border: 1px solid #c6e0b4; padding: 10px; margin: 10px 0;"> <p><b>NOTE:</b> This parameter is used for internal platform purposes. Do not modify.</p> </div>  |