

API OutputObjects Get v4

This is the latest version of the APIs.

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Get the specified objectobject.

Version: v4

Relevant terms:

| Term | Description |
|---------------|---|
| outputObjects | An outputObject is a definition of one or more types of outputs and how they are generated. It must be associated with a recipe. NOTE: An outputObject must be created for a recipe before you can run a job on it. One and only one outputObject can be associated with a recipe. |
| writeSettings | A writeSettings object defines file-based outputs within an outputObject. Settings include path, format, compression, and delimiters. |
| publications | A publications object is used to specify a table-based output and is associated with an outputObject. Settings include the connection to use, path, table type, and write action to apply. |

Required Permissions

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

Request

Request Type: GET

Endpoint:

/v4/outputobjects/<id>

Endpoint with embedded references:

Within the returned outputobject, you can embed any writesettings and publications objects that are associated with it:

```
/v4/outputobjects/<id>?embed=writesettings,publications
```

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/outputobjects/3/
```

Request Body:

Empty.

Response

Response Status Code - Success: 200 - OK

Response Body Example:

```
{
  "id": 3,
  "execution": "photon",
  "profiler": true,
  "isAdhoc": true,
  "createdAt": "2018-11-08T18:51:56.633Z",
  "updatedAt": "2018-11-08T18:52:44.535Z",
  "creator": {
    "id": 1
  },
  "updater": {
    "id": 1
  },
  "flowNode": {
    "id": 13
  }
}
```

Response Body Example with embedded reference:

The following example response includes embedded information on the writesettings and publications associated with the outputobject:

```
{
  "id": 3,
  "execution": "photon",
  "profiler": true,
  "isAdhoc": true,
```

```

"createdAt": "2018-11-08T18:51:56.633Z",
"updatedAt": "2018-11-08T18:52:44.535Z",
"writeSettings": {
  "data": [
    {
      "delim": ",",
      "id": 4,
      "path": "hdfs://hadoop:50070/trifacta/queryResults/admin@example.com/POS_r01.avro",
      "action": "create",
      "format": "avro",
      "compression": "none",
      "header": false,
      "asSingleFile": false,
      "prefix": null,
      "suffix": "_increment",
      "hasQuotes": false,
      "createdAt": "2018-11-08T18:52:44.526Z",
      "updatedAt": "2018-11-08T18:52:44.526Z",
      "creator": {
        "id": 1
      },
      "updater": {
        "id": 1
      },
      "outputObject": {
        "id": 3
      }
    },
    {
      "delim": ",",
      "id": 3,
      "path": "hdfs://hadoop:50070/trifacta/queryResults/admin@example.com/POS-r01.csv",
      "action": "create",
      "format": "csv",
      "compression": "none",
      "header": true,
      "asSingleFile": true,
      "prefix": null,
      "suffix": "_increment",
      "hasQuotes": true,
      "createdAt": "2018-11-08T18:51:56.871Z",
      "updatedAt": "2018-11-08T18:51:56.871Z",
      "creator": {
        "id": 1
      },
      "updater": {
        "id": 1
      },
      "outputObject": {
        "id": 3
      }
    }
  ]
},
"publications": {
  "data": [
    {
      "path": [
        "default"
      ],
      "id": 1,
      "tableName": "POS_r01",
      "targetType": "hive",
      "action": "dropAndLoad",
      "createdAt": "2018-11-08T18:52:43.871Z",
      "updatedAt": "2018-11-08T18:52:43.871Z",
      "creator": {
        "id": 1
      },
      "updater": {
        "id": 1
      }
    }
  ]
}

```

```

    },
    "outputObject": {
      "id": 3
    },
    "connection": {
      "id": 1
    }
  }
]
},
"creator": {
  "id": 1
},
"updater": {
  "id": 1
},
"flowNode": {
  "id": 13
}
}

```

Reference

| Property | Description |
|-------------|---|
| id | Internal identifier of the outputobject |
| execution | <p>The running environment on which the job was executed to generate the output. Possible values:</p> <ul style="list-style-type: none"> • <code>photon</code> - Job is executed on the Trifacta Photon running environment on the Trifacta node. This environment is suitable for small- to medium-sized jobs. • <code>spark</code> - Job is executed on the Spark cluster to which the Trifacta platform is connected. See <i>Configure for Spark</i>. • <code>emrSpark</code> - Job is executed on integrated EMR cluster. See <i>Configure for EMR</i>. • <code>databricksSpark</code> - Job is executed on the Azure Databricks cluster connected to the platform. See <i>Configure for Azure Databricks</i>. <p>For more information, see <i>Running Environment Options</i>.</p> |
| profiler | If <code>true</code> , a visual profile of the results is generated as part of the output. |
| isAdhoc | <p>Determines if the outputobject is included as part of any scheduled execution of the flow:</p> <ul style="list-style-type: none"> • <code>true</code> - outputobject is ad-hoc only, which means it is triggered only when a user manually runs a job on the wrangled dataset. • <code>false</code> - outputobject is included as part of any scheduled job run and can be manually triggered by a user. |
| createdAt | Timestamp for when the outputobject was created |
| updatedAt | Timestamp for when the outputobject was last updated |
| creator.id | Internal identifier of the user who created the object |
| updater.id | Internal identifier of the user who last updated the object |
| flowNode.id | Internal identifier of the recipe (wrangledDataset) with which this outputobject is associated |

For more information on the `writesettings` properties, see *API WriteSettings Get v4*.

For more information on the `publications` properties, see *API Publications Get v4*.