API WriteSettings Get v4

This is the latest version of the APIs.

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Get the specified writeSettings object.

The `writeSettings` values allow you to specify aspects of the publication of results to the specified `path` location.

> **NOTE:** `writeSettings` values are required if you are running this specified job for the dataset for the first time.

> **NOTE:** To specify multiple outputs, you can include additional `writeSettings` objects in the request. For example, if you want to generate output to `csv` and `json`, you can duplicate the `writeSettings` object for `csv` and change the `format` value in the second one to `json`.

These settings correspond to values that you can apply through the UI. For UI information, see *Run Job Page*.

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 *https://api.trifacta.com/ee/6.8/index.html#section/Authentication*.

Request

Request Type: GET

Endpoint:

```
/v4/writeSettings/<id>
```

Request URI - Example:

```
/v4/writeSettings/6/
```

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 Body:

Empty.

Response

Response Status Code - Success: 200 - OK

Response Body Example:

```
{
    "delim": ",",
    "id": 6,
    "path": "hdfs://hadoop:50070/trifacta/queryResults/admin@example.com/POS_r01.pqt",
    "action": "create",
    "format": "pqt",
    "compression": "none",
    "header": false,
    "asSingleFile": false,
    "prefix": null,
    "suffix": "_increment",
    "hasQuotes": false,
    "createdAt": "2018-11-07T23:47:15.144Z",
    "updatedAt": "2018-11-07T23:47:15.144Z",
    "creator": {
        "id": 1
    },
    "updater": {
        "id": 1
    },
    "outputObject": {
        "id": 5
    }
}
```

Reference

Property	Description
delim	The delimiter between field values in an output row
id	Internal identifier of the writeSettings object
path	(required) The fully qualified path to the output location where to write the results
action	(required) If the output file or directory exists, you can specify one of the following actions: • `create` - Create a new, parallel location, preserving the old results. • `append` - Add the new results to the old results. • `overwrite` - Replace the old results with the new results.
format	(required) Output format for the results. Specify one of the following values: • `csv` • `json` • `avro` • `pqt` (Parquet) • `tde` (Tableau) > **NOTE:** To specify multiple output formats, create additional `writeSettings` object for each output format.
compression	(optional) For `csv` and `json` results, you can optionally compress them using `bzip2` or `gzip` compression. Default is `none`. > **NOTE:** If compression is applied, the filename in the `path` value must end with the appropriate extension for the type of compression: > > • `.gz` for GZIP > • `.bz2` for BZIP2
header	(optional) For `csv` results with `action` set to `create` or `append`, this value determines if a header row with column names is inserted at the top of the results. Default is `false`.
asSingleFile	(optional) For `csv` and `json` results, this value determines if the results are concatenated into a single file or stored as multiple files. Default is `false`.
prefix	> **NOTE:** Do not use or modify. For internal platform use only.
suffix	> **NOTE:** Do not use or modify. For internal platform use only.
hasQuotes	If `true`, each field in the output is wrapped in double-quotes.
createdAt	Timestamp for when the writeSettings object was created
updatedAt	Timestamp for when the writeSettings object 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

outputObject.id	If specified, this value is the internal identifier of the outputObject with which this writeSettings object is associated.