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REST API Overview

The Dremio REST API is organized by resource types such as `sources` and is designed around RESTful principles. HTTP `GET` is used to retrieve existing resources, `POST` creates new ones, `PUT` updates them and `DELETE` removes them.

Base URL

All API URLs referenced in this documentation have the following base URL unless otherwise specified:

```
{DREMIO_ORIGIN}/api/v3
```

Versions prior to `v3` are considered internal and subject to change without version bumps.

In this documentation, curly braces (`{ }`) are used to indicate sections of URLs where you have to supply a value. For example:

```
/api/v3/source/{id}
```

Authentication

The Dremio REST API uses a token based authentication system.

To generate an authentication token, send a `POST` request to (note the different base URL, we are using an older API right now for logging in):

```
{DREMIO_ORIGIN}/api/v2/login
```

with the following input body:

```
{  "username": "dremio",  "password": "dremio123"}
```

This will return a JSON user structure which contains a `token` property:

```
{  ...,  "token": "tokenstring"}
```

When calling REST API endpoints, the request needs to have an `Authorization` header set to `_dremio{tokenstring}`.

Errors

Error messages will be sent back in the response body using the following format:

```
{  "errorMessage": "brief error message",  "moreInfo": "detailed error message"}
```

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