

6 commits

1 branch

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Apache-2.0

Branch: master











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redbmk add README		Latest commit 887d718 on Aug 17
 .editorconfig	create basic express server with standard linting	2 months ago
 .gitignore	add client credentials flow authorization	2 months ago
 LICENSE	Initial commit	2 months ago
 README.md	add README	2 months ago
 auth.js	add client credentials flow authorization	2 months ago
 client.js	add client code	2 months ago
 database.js	add a REST API for parts	2 months ago
 index.js	add client credentials flow authorization	2 months ago
 package-lock.json	add client code	2 months ago
 package.json	add client code	2 months ago

Simple REST API with Node and OAuth 2.0

Getting Started

After cloning the repository, simply run `npm install` to install the dependencies.

If you don't have one already, [sign up for a free Okta Developer account](#). Log in to your developer console to get the following information.

Create a file named `.env` that has the following variables, all obtained from your Okta developer console:

Log in to your developer console and navigate to **API > Authorization Servers**. Copy the **Issuer URI** for the **default** server.

Click on the word `default` to get details about the authorization server. Go to the **Scopes** tab and click the **Add Scope** button. Give it a name and optionally a description. The example app is for a parts manager, so for example you could name it `parts_manager`.

Navigate to **Applications**, then click the **Add Application** button. Select **Service**, then click **Next**. Choose a name then click **Done**. The **Client ID** is shown on the next page.

- **CLIENT_SECRET**

The **Client Secret** is on the same page as the **Client ID**

When you're done, your `.env` file should look something like this:

```
ISSUER=https://dev-123456.oktapreview.com/oauth2/default
SCOPE=parts_manager
CLIENT_ID=0123456789abcdefghij
CLIENT_SECRET=0123456789abcdefghijklmnopqrstuvwxyz0123
```

Run the Server

To run the server, run `npm start` from the terminal.

Run the Client

To make secure API requests, you'll need to use the client located at `client.js`.

USAGE

```
node client url [method] [jsonString]
```

- **url** @er üired# the path to your server along with the endpoint (e.g. `http://localhost:3000/parts`)
- **method** @ptiöñá# the HTTP verb for the REST call (e.g. `delete` or `post`). Defaults to `get`
- **jsonString** @ptiöñá# stringified JSON data for use in `put` or `post` calls (e.g. `'{"partNumber":"asdf-1234"}'`)

EXAMPLES

- `node client http://localhost:3000/parts` : get a list of all parts
- `node client http://localhost:3000/parts post '{"partNumber":"asdf-1234"}'` : creates a new part with part number `asdf-1234`
- `node client http://localhost:3000/parts/1` : gets details about the part with and `id` of `1`
- `node client http://localhost:3000/parts/7 put '{"name":"A single dairy farm"}'` : updates the `name` field of the part with an `id` of `7`
- `node client http://localhost:3000/parts/11 delete` : deletes the part with an `id` of `11`

License

Apache 2.0, see [LICENSE](#).