Class: CS-496
Term: Summer 2017
Author: Jon-Eric Cook
Date: July 7, 2017
Assignment: REST API Usage

Yes, the Github API is RESTful. From the lectures, RESTful is when all the URLs of an API represent a resource and when the API does not store any data about the current state of the client. When looking over the documentation for the GitHub API, it can be seen that URLs do in fact represent resources, such as Gists, Gists of users, and star of a Gist of a user. There are no verbs in the URL, only resources. More over, because there is an authentication mechanism before using any verbs (PUT, GET, POST, DELETE, PATCH) the GitHub API is stateless. Simply, the client has to identify itself each time it wants to use any previously mentioned verbs because the API does not remember if the client authenticated itself 5 seconds ago.