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Assignment 2: Use a Web API

**Is the Github API a RESTful API?**

A RESTful API contains two defining characteristics, the first being the URL possesses nouns that will represent resources. The Gist API appears to follow these conventions, with an example being my own gist URL: <https://api.github.com/users/skinnern/gists>. Each part of the URL is a noun, and each part also represents a resource that can be manipulated by a verb.

To be RESTful, an API must also be stateless, meaning that the server does not store data about the current state of the client. Each request is treated as an individual action between the client and the server, I believe the GitHub API maintains this characteristic. Each sent request requires an authorization. Each request must also contain all of the information that is necessary for that call.

With both of these requirements met, I believe that it is safe to say that the GitHub API is a RESTful API.