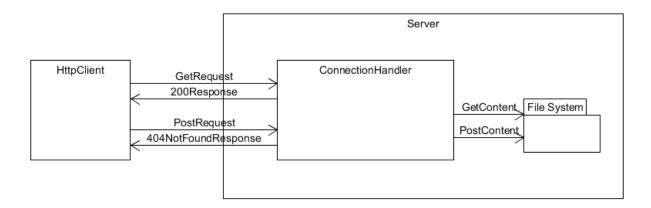
Andrew Davidson, Noah Miller

Milestone 1

1.



2.

We used the Strategy pattern to handle requests. The ConnectionHandler has a map of requests containing GET, POST, PUT, and DELETE as the keys and IRequestHandler as the values. The handler delegates the job of each request to an instantiation of IRequestHandler.

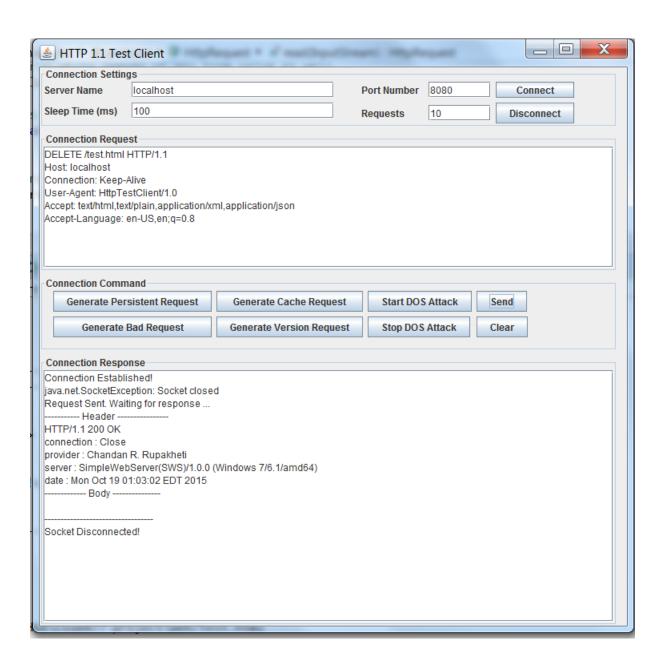
We use the singleton pattern for the HttpResponseFactory. This is because the HttpResponseFactory has to initialize a list of response factories before the user tries to create a response. Using getSingleton() will make sure that the list is fully initialized.

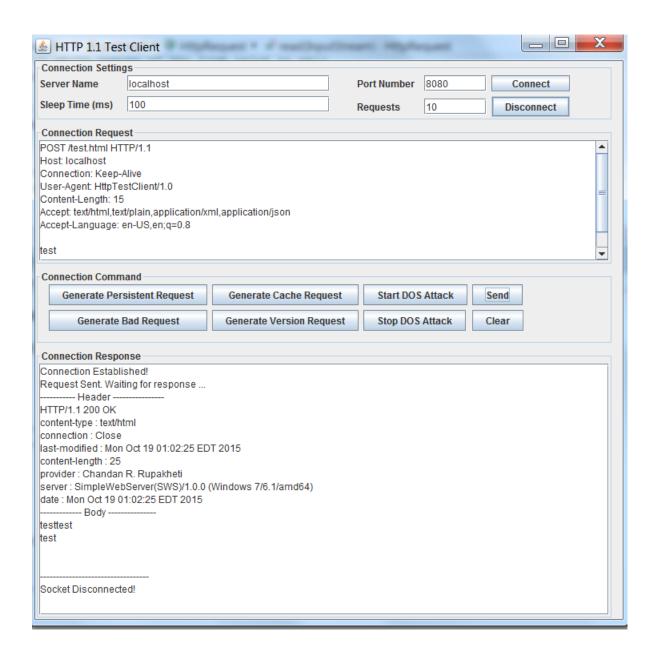
We use the abstract factory pattern to create a new response every time the user calls singleton.getResponse(), which takes the type of response the user wants to generate.

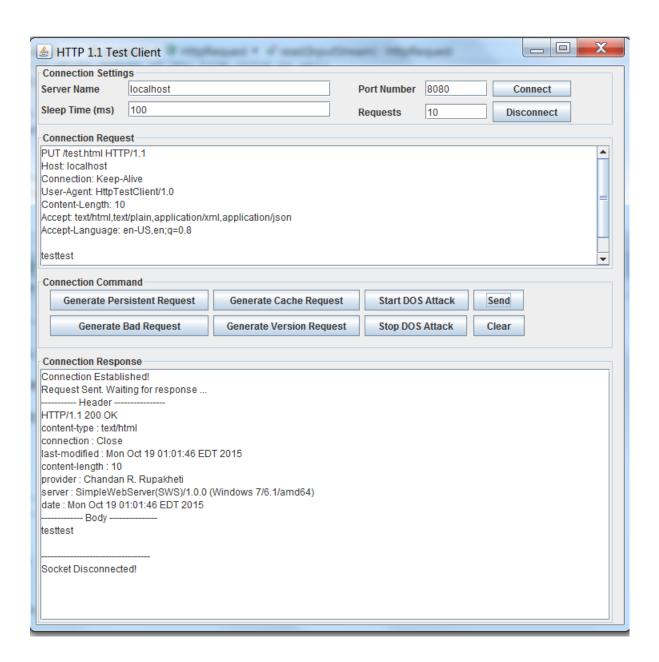
3.

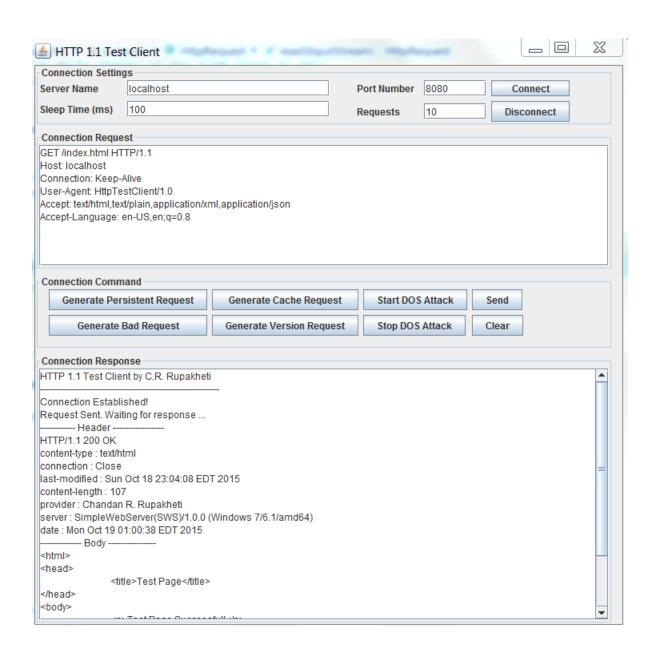
Our request handlers contain some duplicated code that we could further extract to increase reusability. We would also like to further refactor our ConnectionHandler's run() method. The logic is unnecessarily complex, and we would like to extract it into several helper methods.

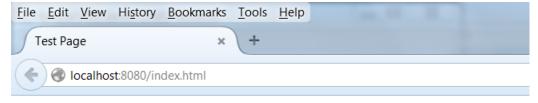
4.











Test Page Successful!