Werkzeug and Pythons http and socketserver Library

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Dispel the magic of this technology. Replace this text with some that answers the following questions for the above tech:

Once our socket and TCP connection is made, our server is now up and running and ready to accept incoming requests. As we made the server, this is where we also defined how we will be handling our incoming requests. When we call *run_simple*, we go through until we get to line 1071 where we call *make_server*. If we look at the parameters of *make_server*, we'll see that the request handler is of type *WSGIRequestHandler*.

Since that is the case, when we get an incoming request, we move into the WSGIRequestHandler class where our constructor is a BaseHTTPRequestHandler where we have a method called parse request.

This method will essentially parse the request it was given AND within this method, on line 337, we have it say "self.headers = http.client.parse_headers(...). From this point, we have the code that then strips and parses the headers but it gets quite a bit difficult to follow since we start making objects of type Email and start making Parser objects in order to successfully parse these headers but this is where the headers are found. The headers then get put into our class of WSGIRequestHandler since that gets passed around!

Links To Code In Files (including images for some of them since I couldn't get links):

- https://github.com/pallets/werkzeug/blob/3115aa6a6276939f5fd6efa46282e0256ff21f1 a/src/werkzeug/serving.pv#L148
- https://github.com/pallets/werkzeug/blob/3115aa6a6276939f5fd6efa46282e0256ff21f1 a/src/werkzeug/serving.py#L358

```
class BaseRequestHandler:
class BaseHTTPRequestHandler(socketserver.StreamRequestHandler):
 269 * •
                    self.headers = http.client.parse_headers(self.rfile,
                                                          _class=self.MessageClass)
```