WRITEUP

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1 Questions

1. In this assignment, we had to resolve name chains in the GET function, meaning when we got a GET request, we would follow that name through each step in the chain until we reached a valid httpname or nothing at all. The other approach of resolving the name at creation would link the alias to the appropriate resource immediately. If one of the aliases in the middle is changed or removed, resolving the name during at GET might return a different resource or an error whereas resolving the name at creation would result in no change at all.
   The method we are using in this assignment makes all aliases dependent on all aliases in between it and the object/endpoint. This is useful when we want to change what resource/object a certain alias is associated with. If we resolve at name creation, then that alias will always lead to its value until we requested another ALIAS request.

2. Modularity allowed for shortening code and handling errors more easily. If there was an error in a certain portion of the code, it was easy to find the place where the error could have occurred and fix. By using modularity, rather than having to change the code wherever the erroneous code appeared, I would only need to change one part of the code and the error would be fixed. With abstraction and proper commenting, following the logic of my code after periods of inaction allowed me to get into coding mode relatively easily and keep going without needing to take too much time to understand what I had done previously.