Controller

- Plan:
  - Status code enum
  - total num of fragments
  - size per fragment (?) Slice?
  - fragments layout
    prolly a map with fragment numbers mapped to their storage nodes.

- Frag Layout
  - Status code enum
  - total number of frags
  - size per frag
  - frags layout
  - checksum per frag

- Delete Response
  - Status Code enum

Client

- PUT request:
  - REST option enum
  - filename
  - file size
  - optional desired chunk size.

- GET request:
  - REST op. enum
  - filename
  - file size
  - optional desired chunk size.

- DELETE request
  - REST op. enum
  - filename

- <u>ls Response</u>
    - Status code enum
    - list of active nodes
    - Disk Space
    - # requests handled by
      each node

- <u>ls request</u>
    - REST op. enum