



API LIST:

```
POST /datalab/start?ts=${timestamp}&filename=${filename}
HEADERS  X-SIGN: ${signature}
          signature = sha256(${sign_key} + ${timestamp} + ${filename})
RESPONSE:
  { "code": "OK", "result": { "nonce": "a-nonce-string" } }
DESCRIPTION:
  used by frontend to allocate a new datalab instance, use the returned
  ${nonce} for the following requests. ${nonce} is expired in 10 minutes.
  ${nonce} is bind with the newly created datalab instance, this information
  is stored in redis.

GET  /datalab/view/:nonce/*destination
RESPONSE:
  REDIRECT /*destination
DESCRIPTION:
  Used by frontend to embed this url for datalab access,
  browser will be REDIRECTed to /*destination .
  A cookie of ${session_id} will be written in browser, so that the proxy
  can know which datalab instance is used to forward the browser request.
  The mapping information of ${session_id} to datalab instance is stored
  in redis.

GET  /datalab/static/:nonce/*destination
RESPONSE:
  Content of the destination within the datalab instance binded with ${nonce}

DESCRIPTION:
  Used by frontend to fetch files from the binding datalab instance,
  e.g. *.png or *.csv.
  It does not redirect the '/*destination' but fetch and return the content directly.

ANY  /*
DESCRIPTION:
  Any other request will be proxied to the given datalab instance. The proxy
  reads ${session_id} in the cookie field of the browser request, and uses this
  this ${session_id} to find the corresponding datalab instance and port, and
  then forward request to that datalab instance, including http and websocket
  requests.
```