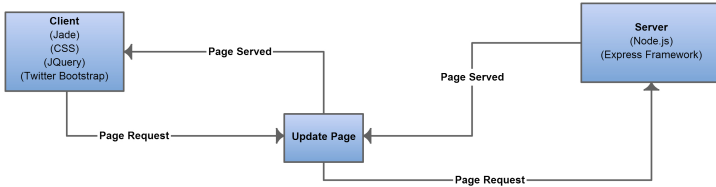
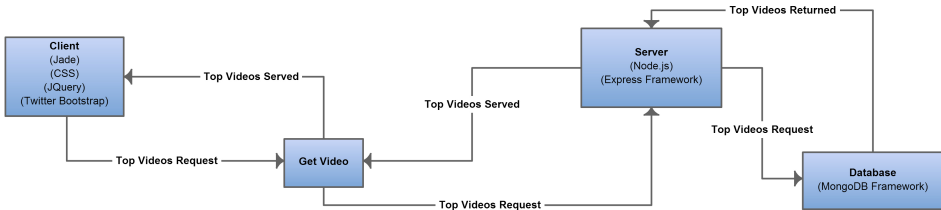


Architecture and Data Flow Diagrams (External Library Use)

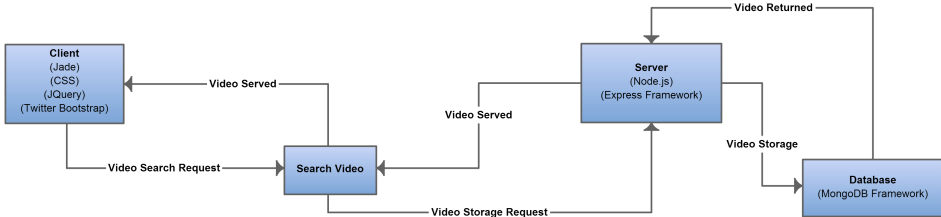
Page Request



Top Played Video Request



Video Search Request



Database access and retrieval (server and client interaction)

1. Client opens our web app
2. Client requests a web page, selects a top video, or searches for a video
3. Server returns a web page, or video link. Client may be required to search for video link using YouTube Data API and then send the link to the server for it to store in the database before getting it back from the server
4. If a new video is searched for, YouTube API returns a link which client side JavaScript parses to a usable link within an iframe