



When the client browses the HTML/jsp pages of our application, upon downloading the webpages and parsed by the browser, the browser realizes the references to the resources like js, images, fonts, css etc and makes an another call to the webserver for downloading these resources to the browser.

if we have jquery file being referenced, the browser makes another call to the webserver/application server asking to download the jquery file, thus results in lot of problems.

1. bandwidth consumption on the webserver will be high, due to which the i/o capacity of the machine/server will be occupied in serving static content
2. network traffic will increase in downloading/serving static resources repeatedly
3. due to higher network traffic, the network latency will be high

all these above factors contributes towards poor page loading and rendering that hinders the endusers experience in using the application.

