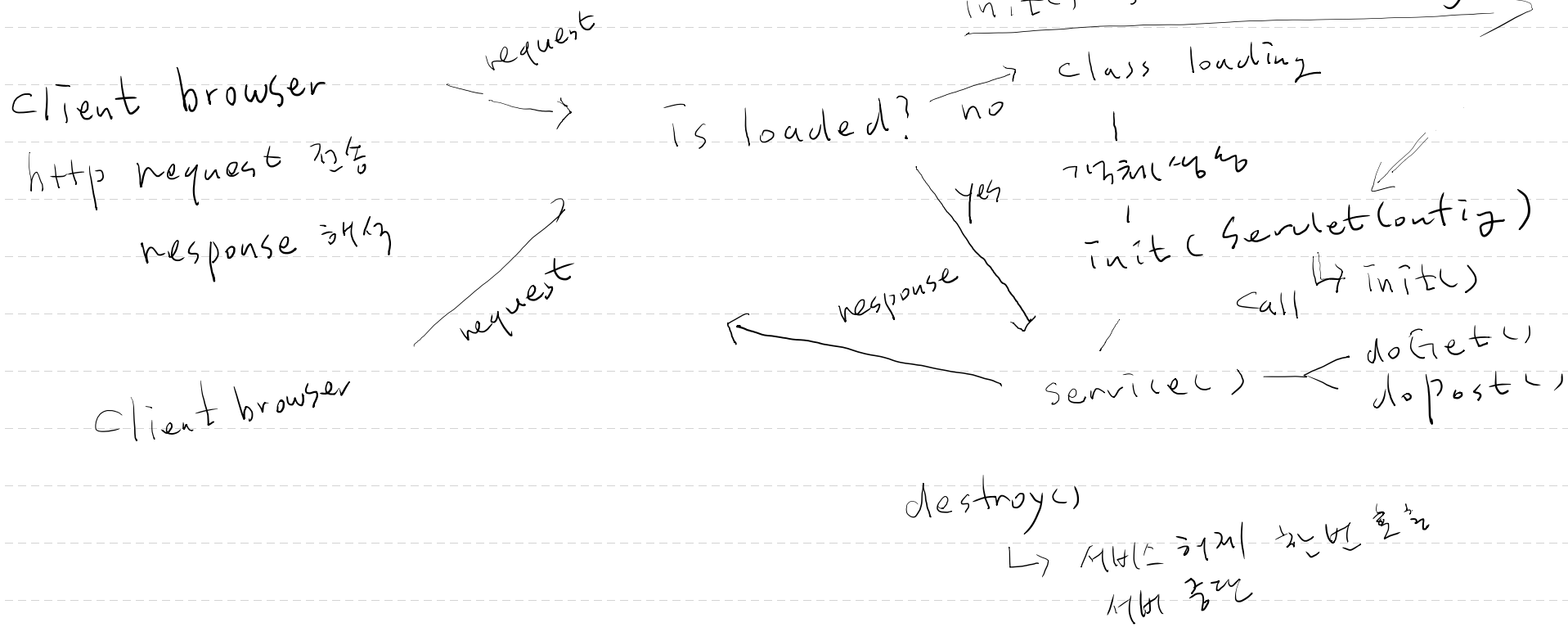


Servlet Life Cycle



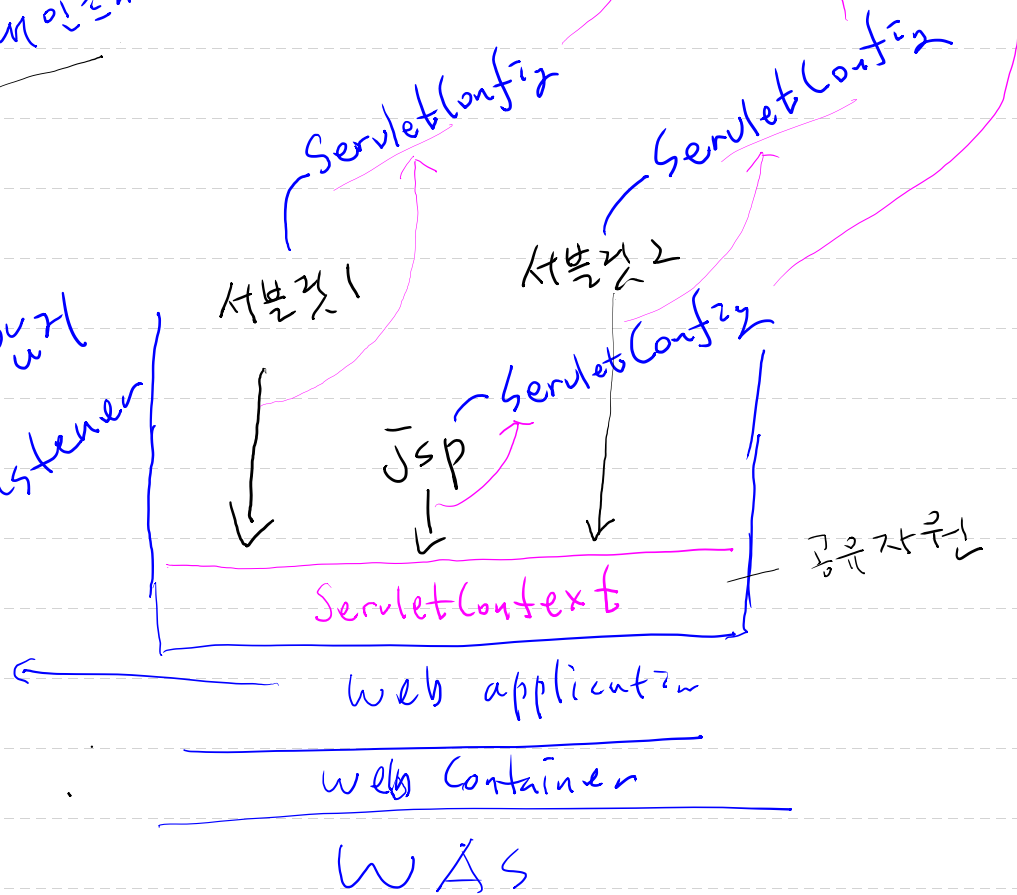
WAS (web Server + Web Container)

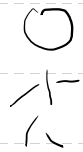
http url
html server

Server program (Servlet/Jsp)
life cycle management → Life Cycle 관리

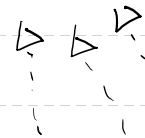
ServletConfig → 개별 서버 설정 정보 생성된 객체 → 서버 설정 → ServletContext의 주요 정보
ServletContext → 웹 애플리케이션에 서버를 관리하는 객체 → 서버 인스턴스
호출 정보

web application lifecycle event
 ServletContextListener





Interface



LP player

Main player

web application
middleware



Servlet API

Servlet

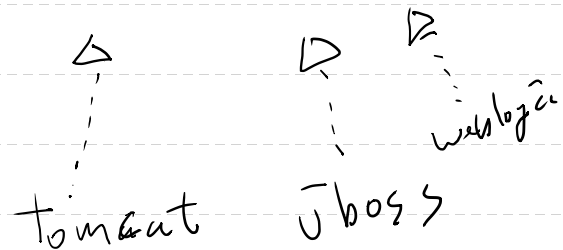
ServletRequest

ServletResponse

ServletConfig

ServletContext

Interface



WAS 지원

세션 관리 : 사용자 상태 정보 유지

Cookie 방식 : 클라이언트 정보 저장

Client browser

request

response

info cookie 저장

저장 용량 제한 (4kb)
데이터 읽기/쓰기 가능

response

SetCookieServlet

Cookie("info", time 정보)

유효시간 설정

response.addCookie(cookie);

GetCookieServlet

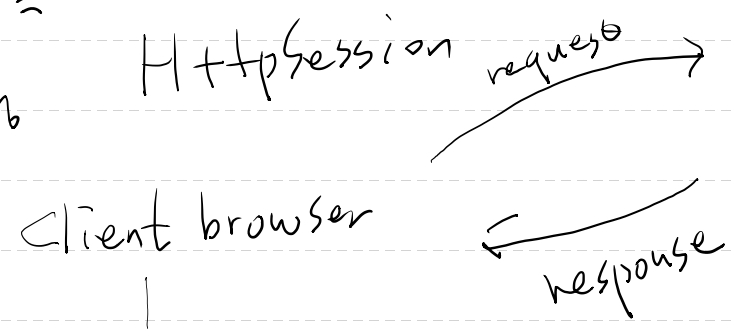
request.getCookies() : Cookie[]

info 쿠키를 읽어옴

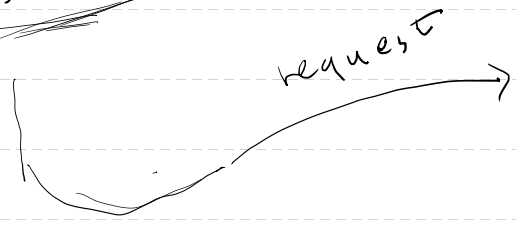
세션 관리 → 사용자 상태 정보를 유지

Cookie = client 쪽에 저장
Session = server 쪽에 저장

Http → stateless 특성

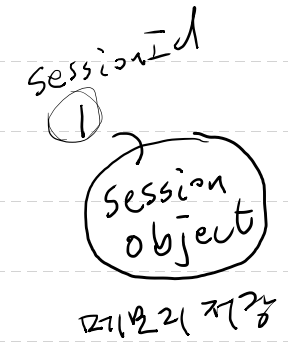


cookie
JsessionId



WAS

request.getSession();
↓



request.getSession(false);

client 쪽의 JsessionId와
server 쪽의 session id를 비교하여
세션 유무 판단