

# JAVA EE & JAKARTA EE APPLICATION SERVER CHEAT SHEET



- Ports: 8080, 8181, 4848 (web server console)
- Domains: domain1 & production
- Auto-deploy: glassfish/domains/[domain\_name]/autodeploy
- Embedded database: H2
- Config file: glassfish/domains/[domain\_name]/config/domain.xml
- Start bin/asadmin start-domain
- Stop bin/asadmin stop-domain
- Adding libraries: bin/asadmin add-library /path/to/yourjar.jar
- Adding connection pool: bin/asadmin create-jdbc-connection-pool ...
- Adding JDBC resource: bin/asadmin create-jdbc-resource ...
- Simple Dockerfile:  
FROM payara/server-full:latest  
COPY your-war.war \$DEPLOY\_DIR



- Ports: 9080, 9443
- Default server: defaultServer
- Auto-deploy: usr/servers/[server\_name]/dropins
- Embedded database: none per default
- Config file: usr/servers/[server\_name]/server.xml
- Start: bin/server start
- Stop: bin/server stop
- Adding libraries: Configure in server.xml
- Adding a data source: Configure in server.xml
- Simple Dockerfile:  
FROM open-liberty:kernel  
COPY server.xml /config/  
COPY your-war.war /config/dropins



- Ports: 8080, 8443, 9990 (web server console)
- Server Modes: standalone & domain
- Auto-deploy: [server\_mode]/deployments
- Embedded database: H2
- Config file: [server\_mode]/configuration/standalone.xml
- Start: bin/standalone
- Stop: bin/jboss-cli --connect command=:shutdown
- Adding libraries: Create a new module within modules/
- Adding a data source: /subsystem=datasources/jdbc-driver=[driver\_name]:add(...)
- Simple Dockerfile:  
FROM jboss/wildfly:latest  
COPY your-war.war/opt/jboss/wildfly/standalone/deployments



- Ports: 8080, 8443
- Admin panel: http://localhost:8080/manager/
- Auto-deploy: webapps/
- Embedded database: HSQL
- Config file: tomee.xml, server.xml, context.xml in config/
- Start: bin/catalina start
- Stop: bin/catalina stop
- Adding libraries: Add to lib/ folder
- Adding a data source: Configure in config/tomee.xml
- Simple Dockerfile:  
FROM tomee:latest  
COPY your-war.war /usr/local/tomee/webapps