



JAVA EE Architecture

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Java Enterprise Edition چیست ؟

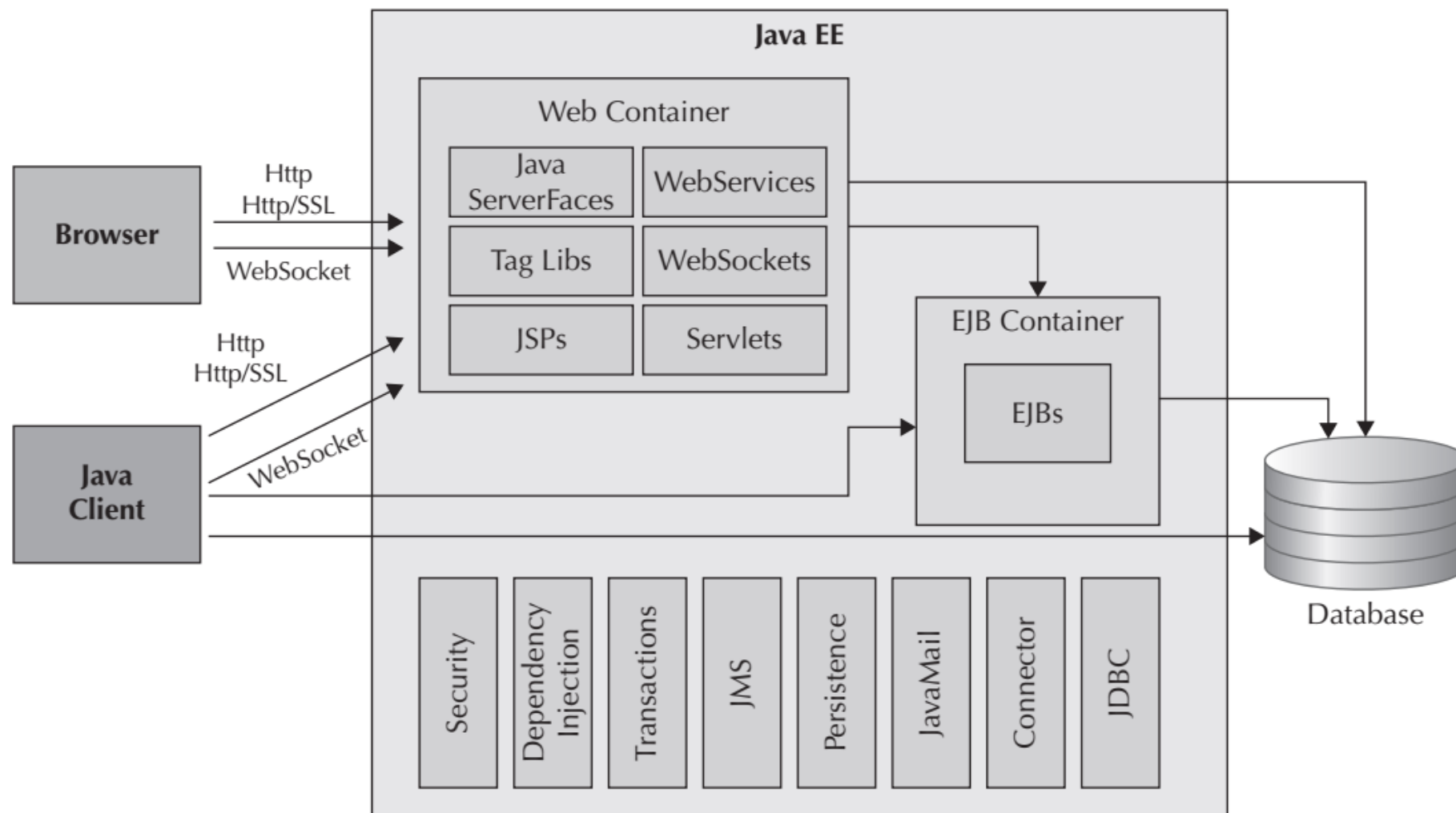
- این پلتفرم شامل مجموعه ای از specification ها است که به توسعه نرم افزارهای سازمانی کمک میکند.
- Web specifications
- Web service specifications
- Enterprise specifications
- Other Specification (Validation – Connector – Batch)



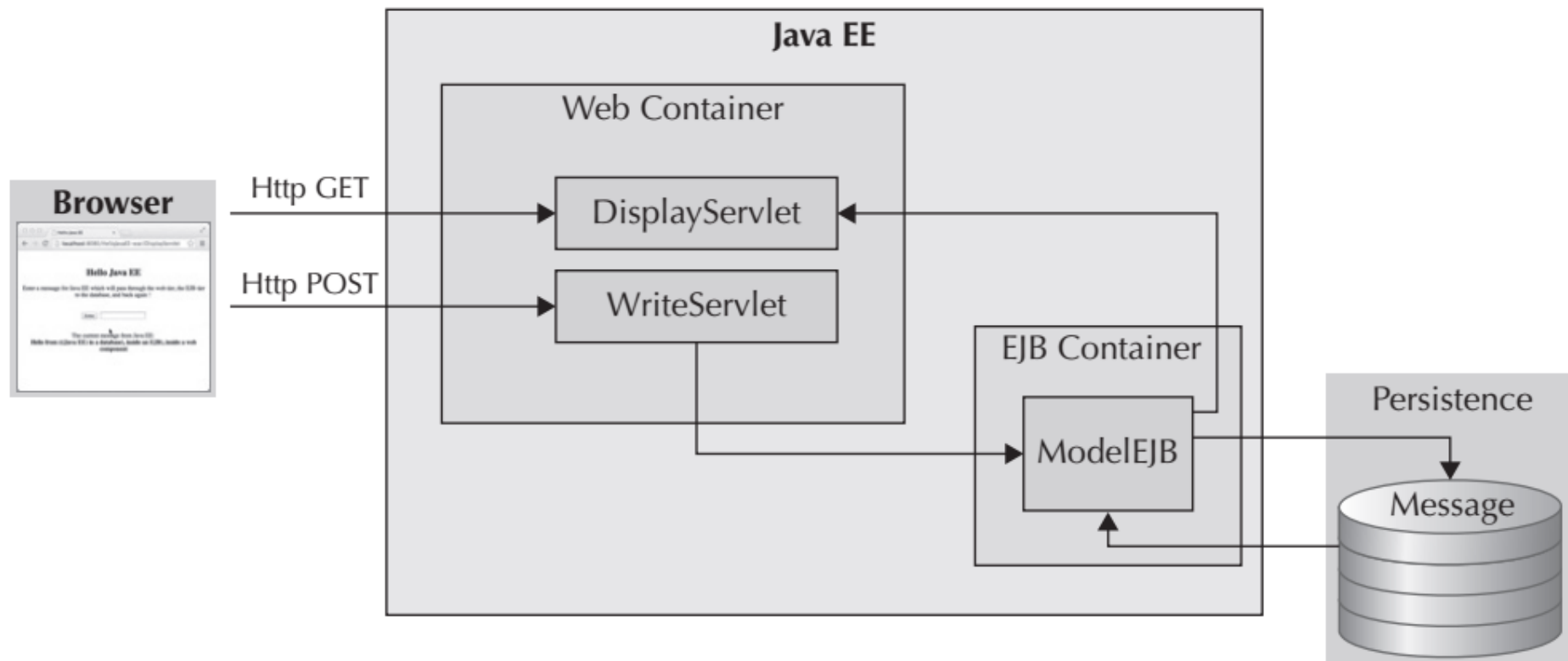
تاریخچه

- J2EE 1.2 (December 12, 1999)
- J2EE 1.3 (September 24, 2001)
- J2EE 1.4 (November 11, 2003)
- Java EE 5 (May 11, 2006)
- Java EE 6 (December 10, 2009)
- Java EE 7 (April 5, 2013)
- Java EE 8 (August 31, 2017)

معماری



مثال





Packaging and Deploying

web.war

```
/META-INF
```

```
    /MANIFEST.MF
```

```
/WEB-INF
```

```
    /classes
```

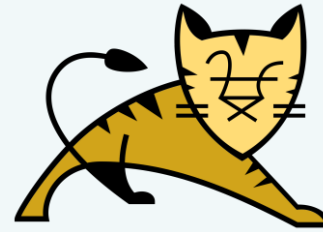
```
        /pkg1
```

```
            /DisplayServlet.class
```

```
            /WriteServlet.class
```

Web Servers

Apache Tomcat



Eclipse Jetty





Packaging and Deploying

ejb-app.jar

/META-INF

 /MANIFEST.MF

 /persistence.xml

/pkg1

 /model

 /ModelEJB.class

 /Message.class

 /MessageException.class



Packaging and Deploying

web-ejb-app.ear

/META-INF

/MANIFEST.MF

/ejb-app.jar

/web.war

Application Servers

Oracle Weblogic	
Oracle glassfish	
IBM Websphere	
Wildfly	
Jboss	