



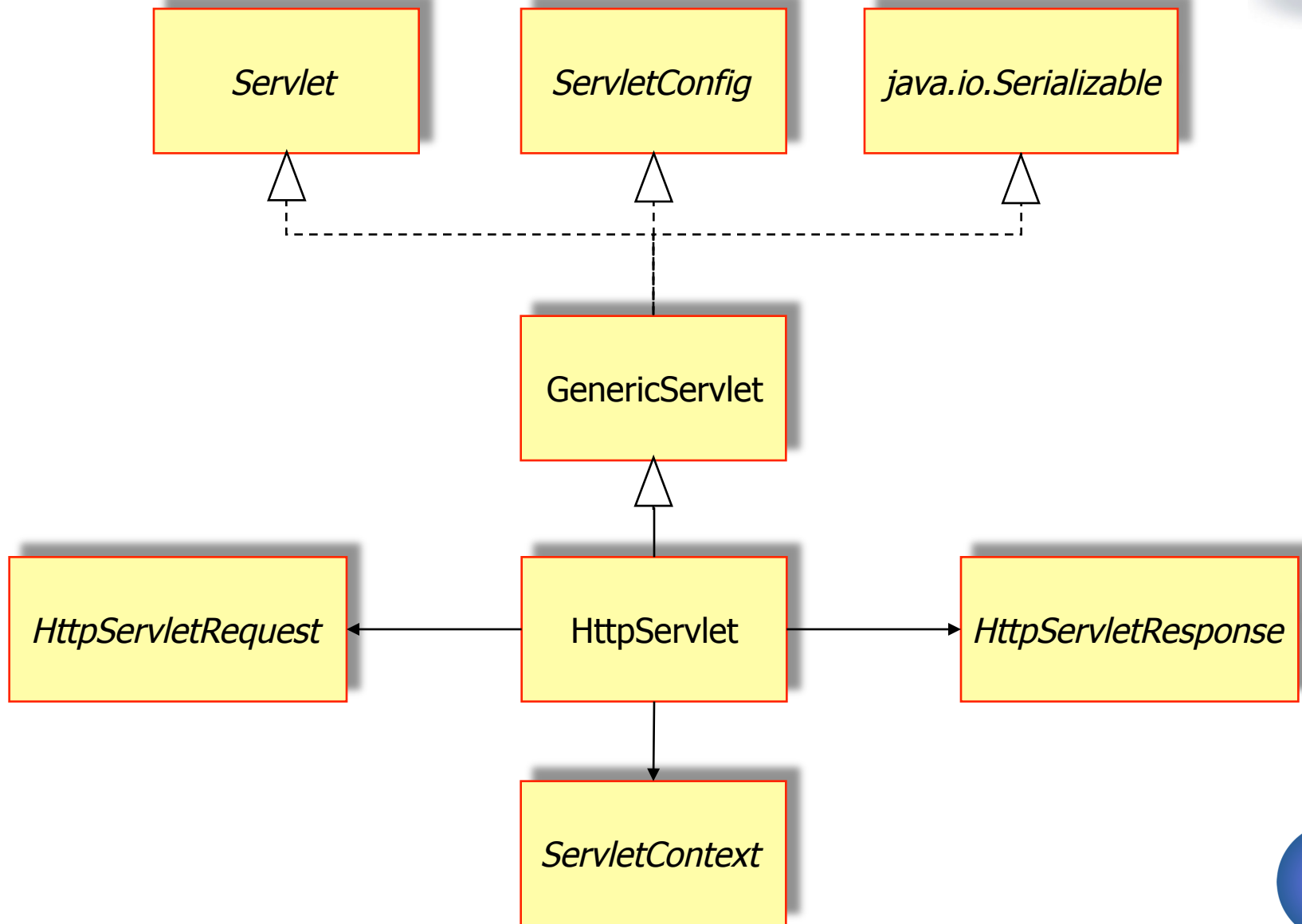
Architecture des Systèmes d'Information

Servlet Programming Model
Servlet Config Example

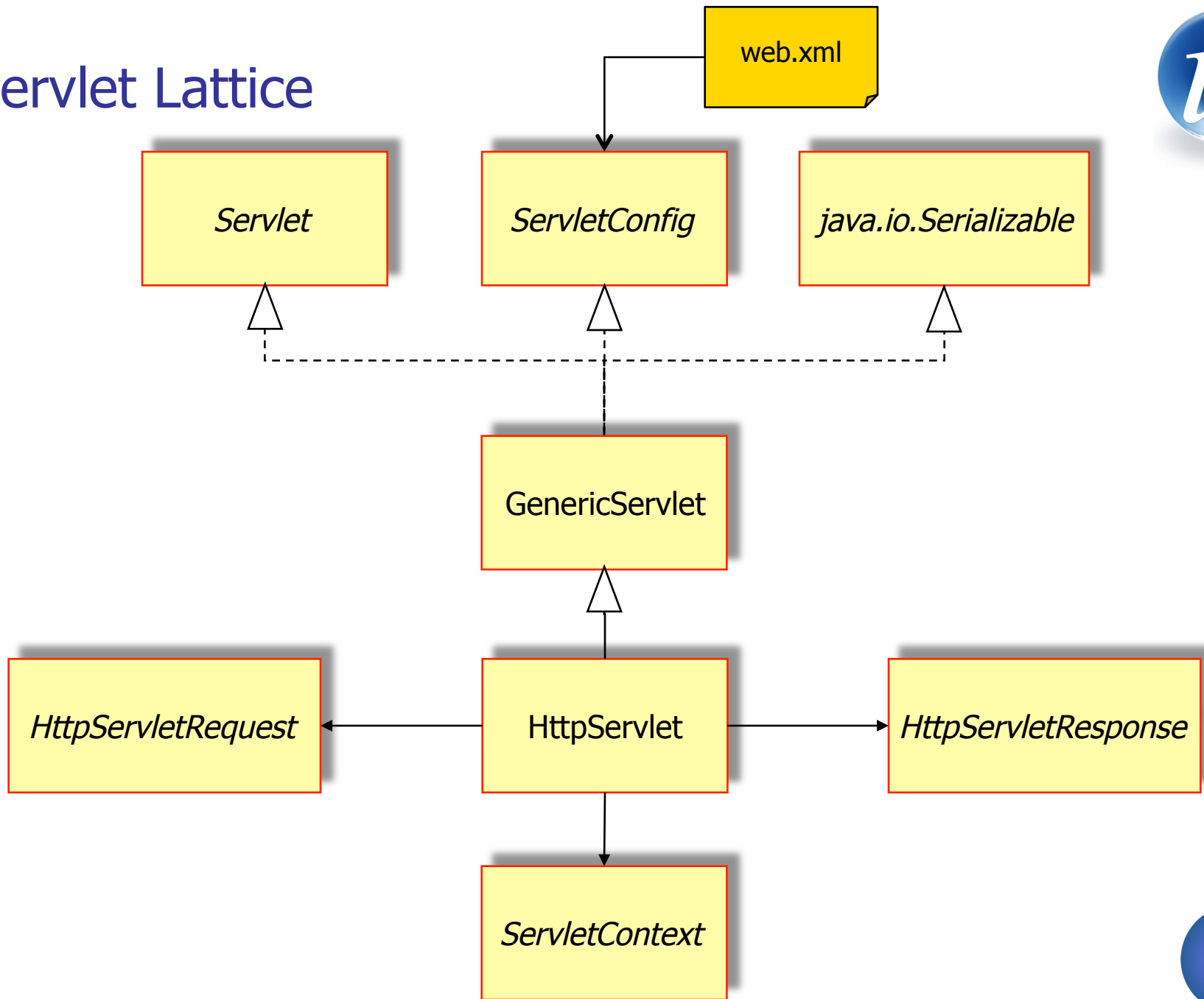


Traduction en cours

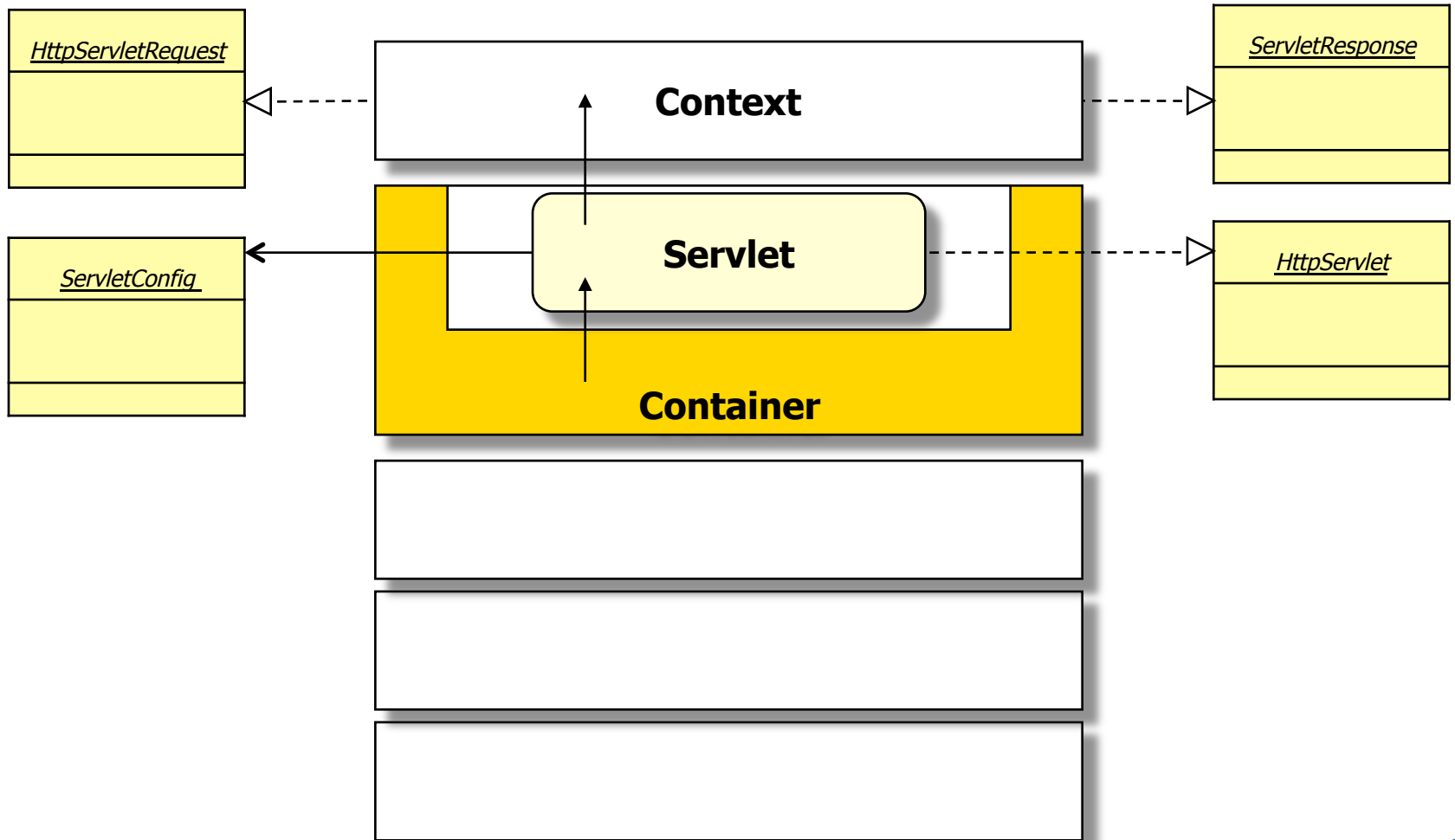
Servlet Lattice



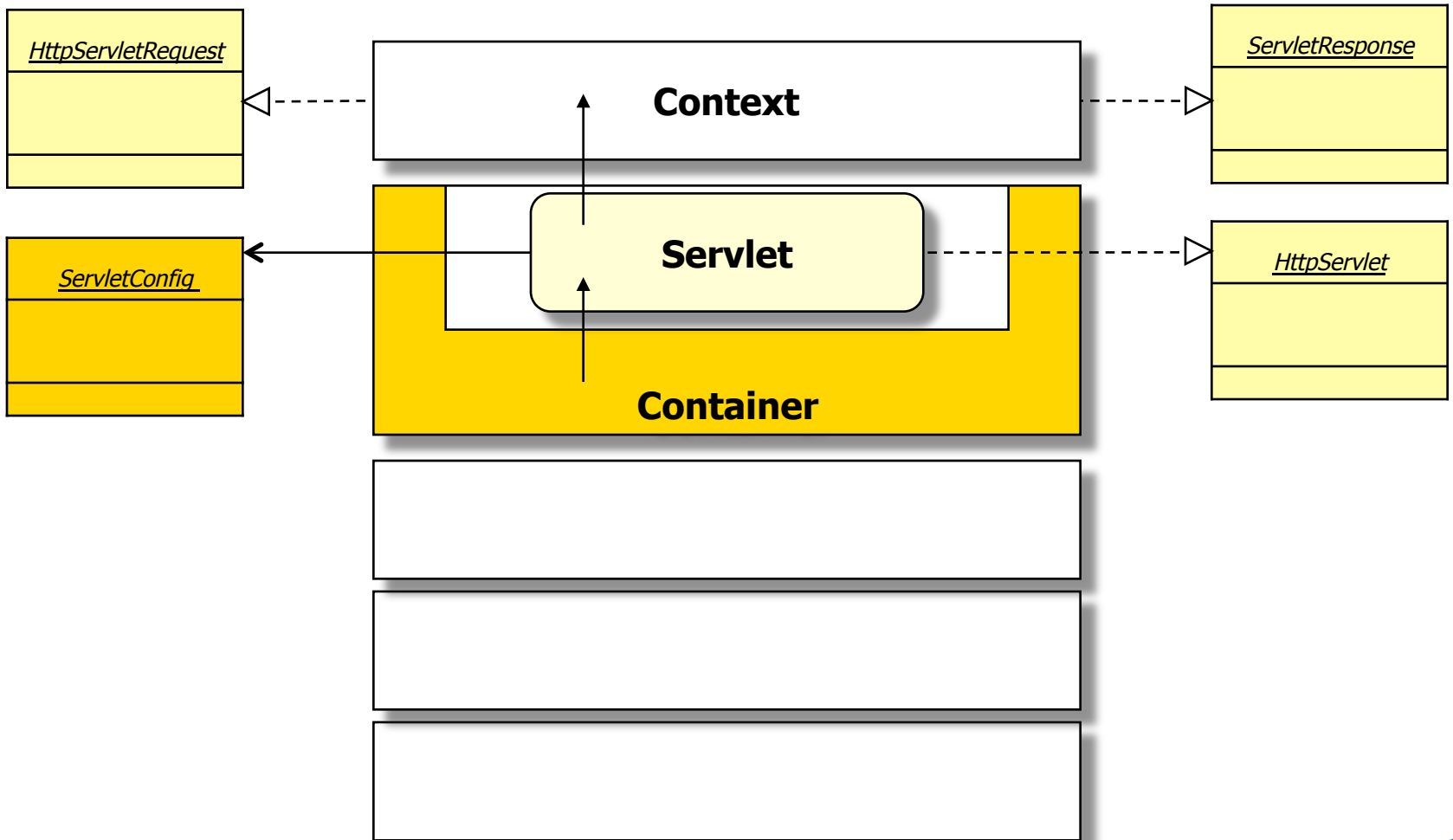
Servlet Lattice



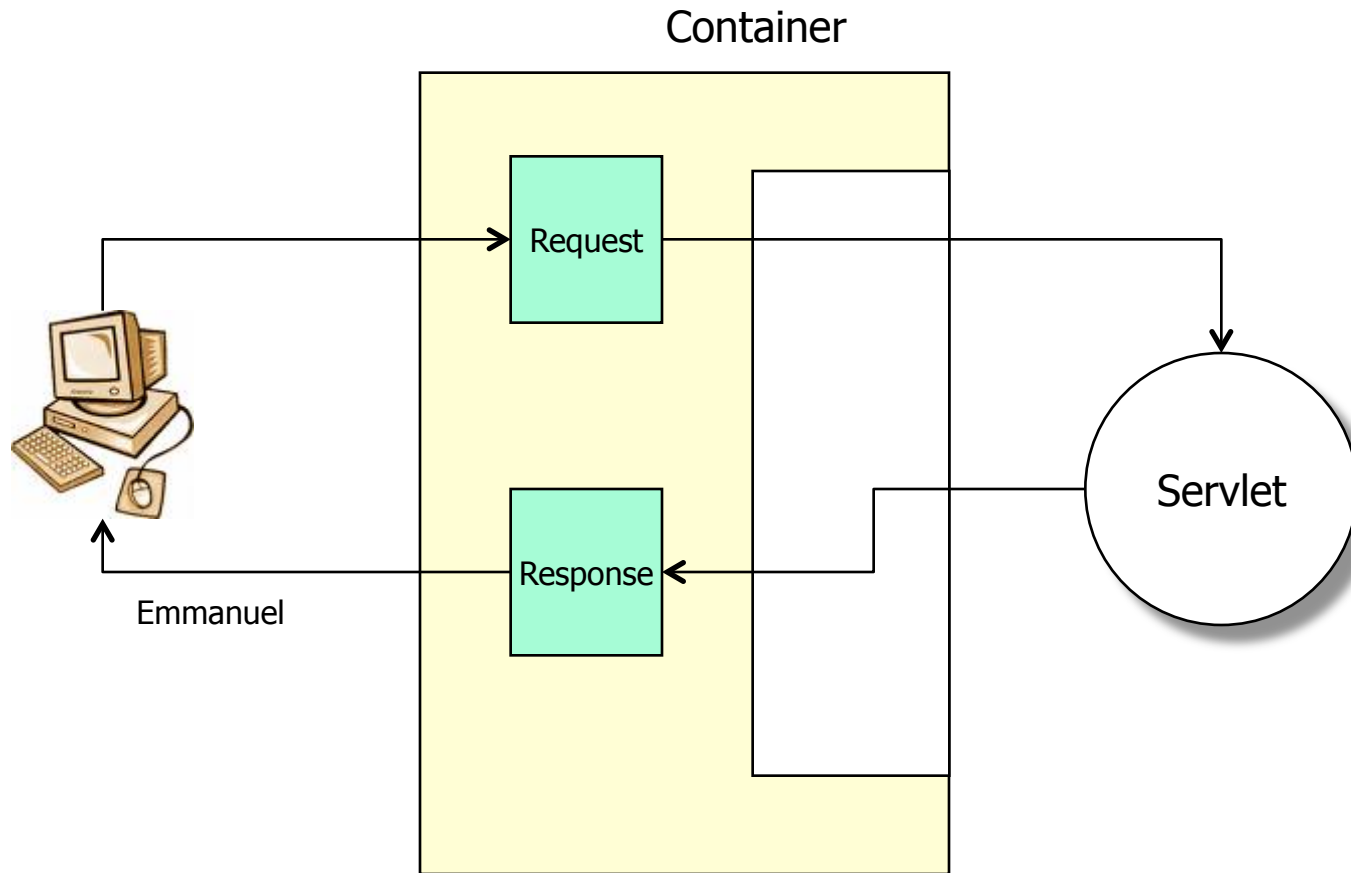
Servlet



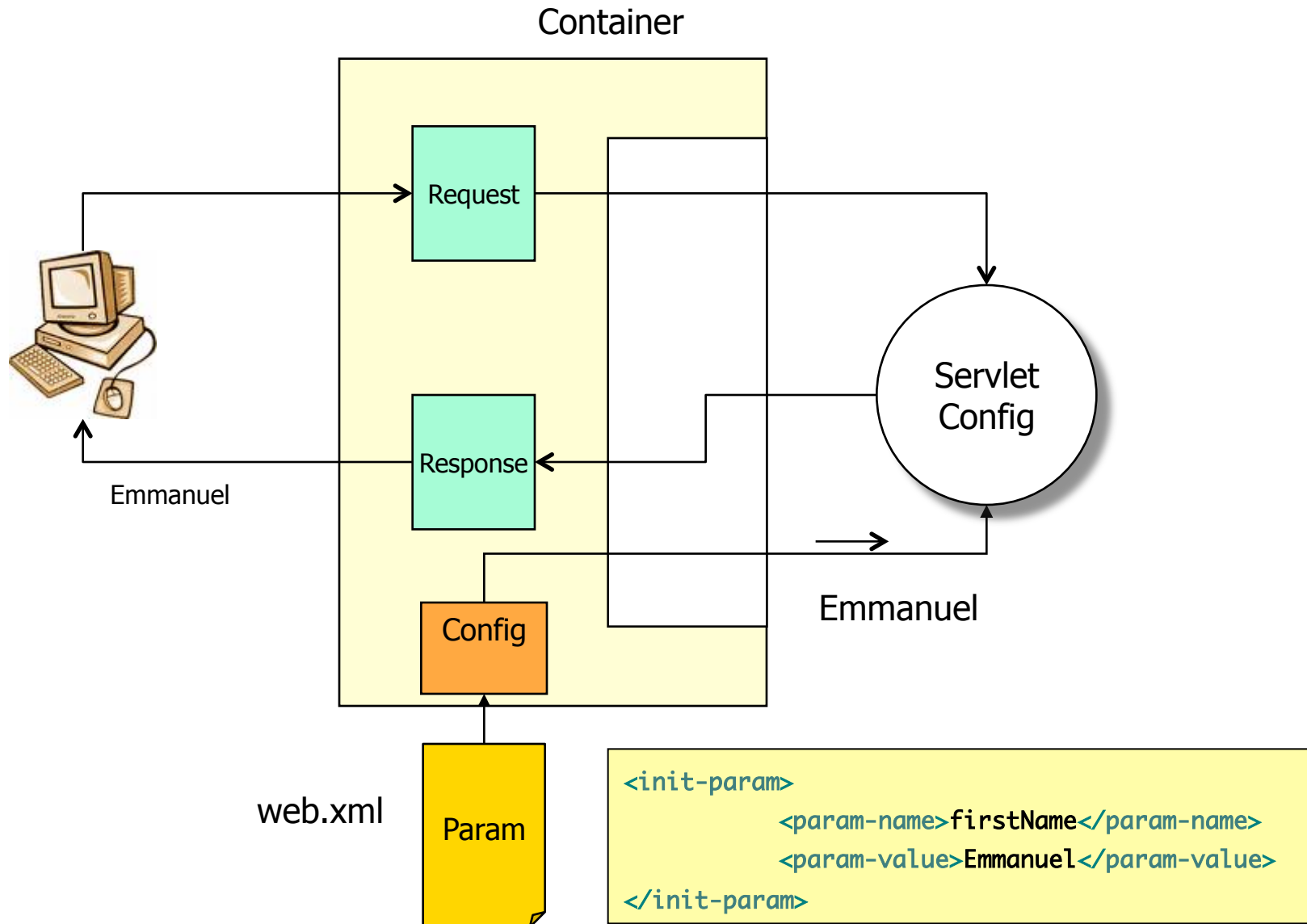
Servlet Config



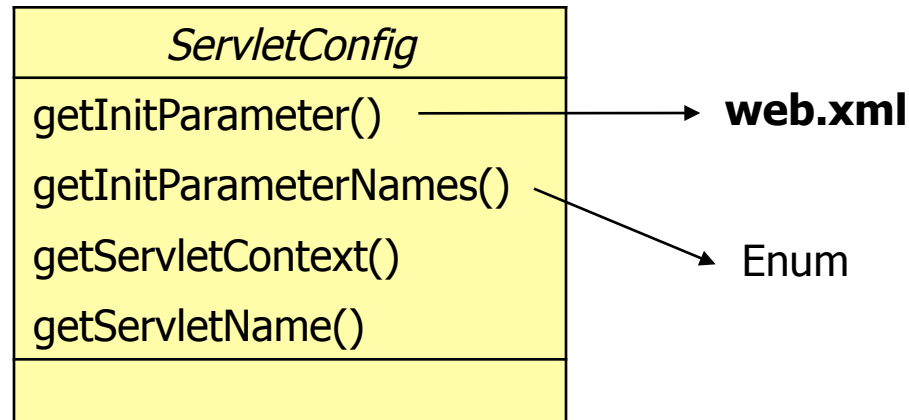
Big Picture : Servlet Config



Big Picture : Servlet Config



Interface ServletConfig



SERVLET Local parameters





```
public void init (ServletConfig config) throws ServletException {  
    this.fisrtName = config.getInitParameter("firstName");  
}
```

SERVLET Local parameters



Config
Servlet (fistName)



Create Servlet

Enter servlet deployment descriptor specific information.


Name:

Description:

Initialization parameters:

Name	Value	Description
------	-------	-------------

URL mappings:





Create Servlet

Create Servlet

Enter servlet deployment descriptor specific information.

Name: Config

Description:

Initialization Parameters

Name

Name: firstName

Value: Emmanuel

Description: My first Name

Cancel OK

URL mappings:

/Config

Add...

Edit...

Remove

?

< Back

Next >

Cancel

Finish



Without Init



Create Servlet

Specify modifiers, interfaces to implement, and method stubs to generate.

Modifiers: ☒ public ☐ abstract ☒ final

Interfaces: Add... Remove

Which method stubs would you like to create?

<input type="checkbox"/> Constructors from superclass		
<input checked="" type="checkbox"/> Inherited abstract methods		
<input type="checkbox"/> init	<input type="checkbox"/> destroy	<input type="checkbox"/> getServletConfig
<input type="checkbox"/> getServletInfo	<input type="checkbox"/> service	<input checked="" type="checkbox"/> doGet
<input type="checkbox"/> doPost	<input type="checkbox"/> doPut	<input type="checkbox"/> doDelete
<input type="checkbox"/> doHead	<input type="checkbox"/> doOptions	<input type="checkbox"/> doTrace

? < Back Next > Cancel Finish





Config Servlet

```
package config;

import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletConfig;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

public class Config extends HttpServlet {

    protected void doGet(HttpServletRequest request,
                        HttpServletResponse response) throws ServletException,
                        IOException {

        System.out.println( "Servlet OK");

        PrintWriter out = response.getWriter();

        ServletConfig config = getServletConfig();

        String firstName = config.getInitParameter("firstName");

        out.println("My firstName in config is " + firstName);

    }
}
```

Config WEB.XML



```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE web-app PUBLIC "-//Sun Microsystems, Inc.//DTD Web Application
2.2//EN" "http://java.sun.com/j2ee/dtds/web-app_2_2.dtd">
<web-app id="WebApp_ID">
    <servlet>
        <servlet-name>Config</servlet-name>
        <servlet-class>config.Config</servlet-class>
        <init-param>
            <param-name>firstName</param-name>
            <param-value>Emmanuel</param-value>
            <description>My first Name</description>
        </init-param>
    </servlet>
    <servlet-mapping>
        <servlet-name>Config</servlet-name>
        <url-pattern>/Config</url-pattern>
    </servlet-mapping>
</web-app>
```

Deploy Undeploy Latency



The screenshot shows a console window titled "JBoss 6.x Runtime Server [JBoss Application Server Startup Configuration] /System/Library/Java/JavaVirtualMachines/1.6.0.jdk/Contents/Home/bin/java (27 j". The log contains several entries for Servlet context management and Tomcat deployment/undeployment. The timestamps show a sequence of operations, with undeployment occurring before deployment in some cases.

```
21:21:32,130 INFO [STDOUT] Servlet get context OK
21:21:32,950 INFO [STDOUT] Servlet get context OK
21:21:33,137 INFO [STDOUT] Servlet get context OK
21:22:11,113 INFO [STDOUT] Servlet get context OK
21:22:11,709 INFO [STDOUT] Servlet get context OK
21:22:12,167 INFO [STDOUT] Servlet get context OK
21:22:12,832 INFO [org.jboss.web.tomcat.service.deployers.TomcatDeployment] undeploy, ctxPath=/Config
21:22:36,841 INFO [org.jboss.web.tomcat.service.deployers.TomcatDeployment] deploy, ctxPath=/Config
21:22:36,963 INFO [STDOUT] Servlet get context OK
21:22:37,435 INFO [STDOUT] Servlet get context OK
21:22:41,868 INFO [org.jboss.web.tomcat.service.deployers.TomcatDeployment] undeploy, ctxPath=/Config
21:22:41,984 INFO [org.jboss.web.tomcat.service.deployers.TomcatDeployment] deploy, ctxPath=/Config
21:24:10,853 INFO [STDOUT] Servlet get context OK
21:25:50,730 INFO [STDOUT] Servlet get context OK
```

