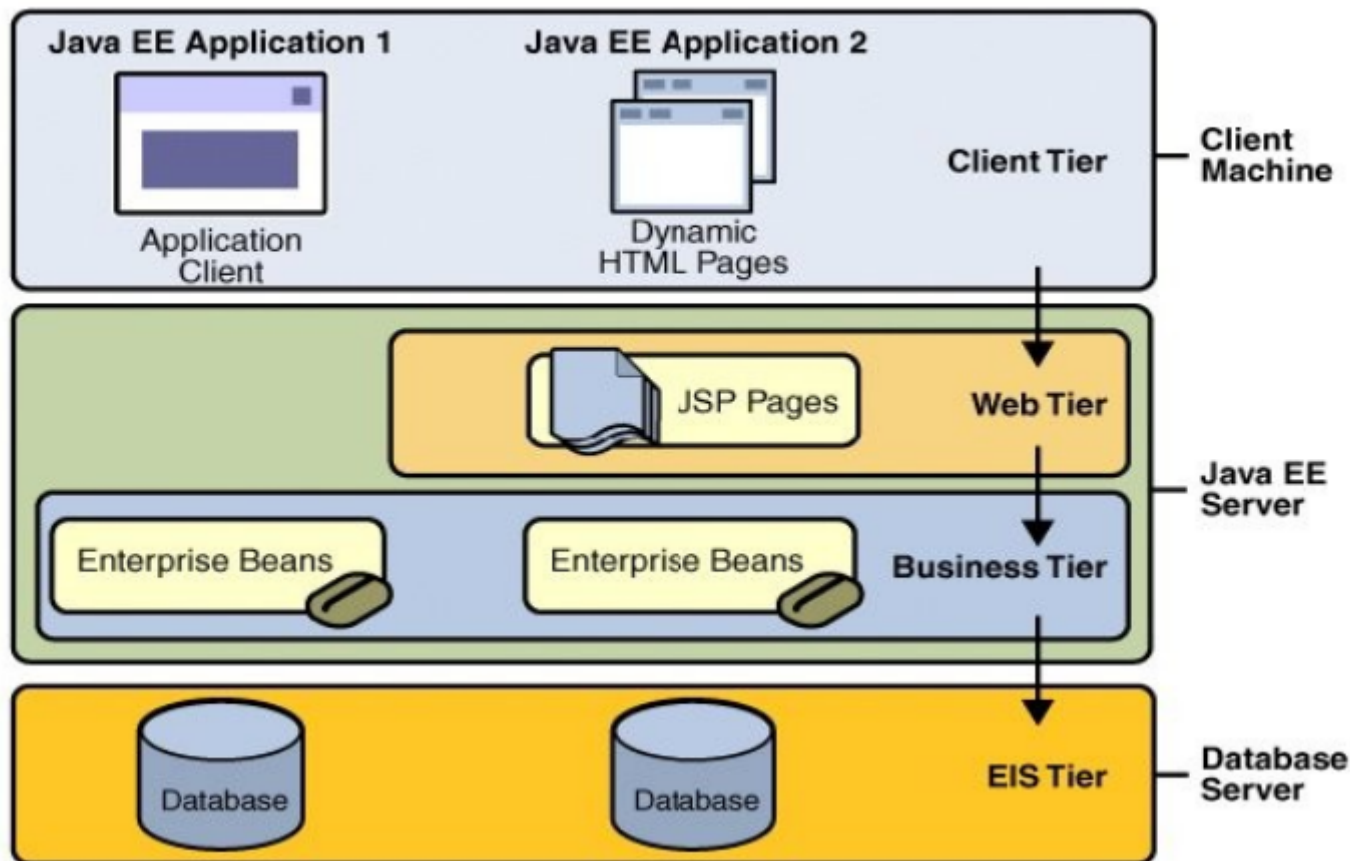


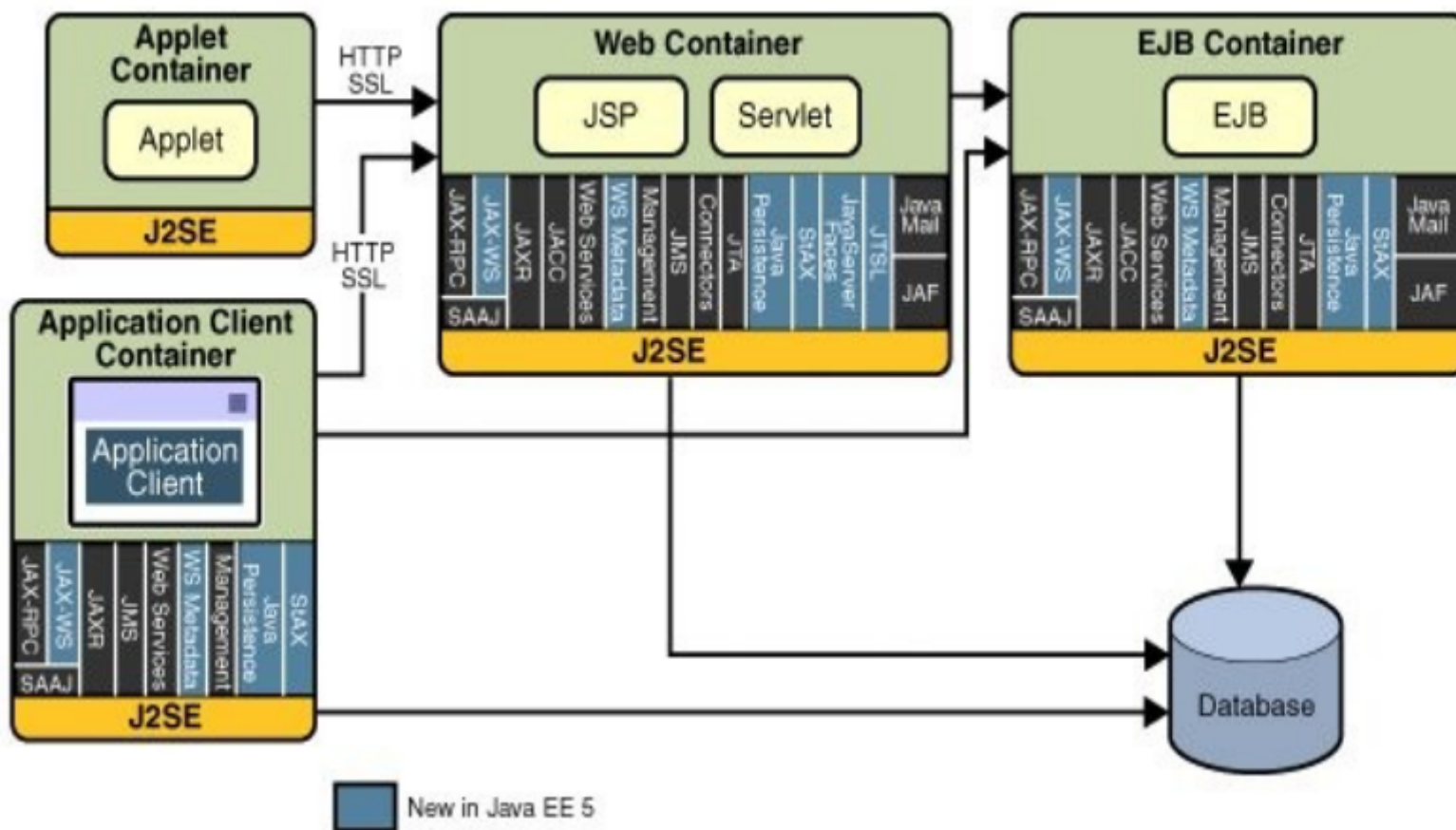


Servlets

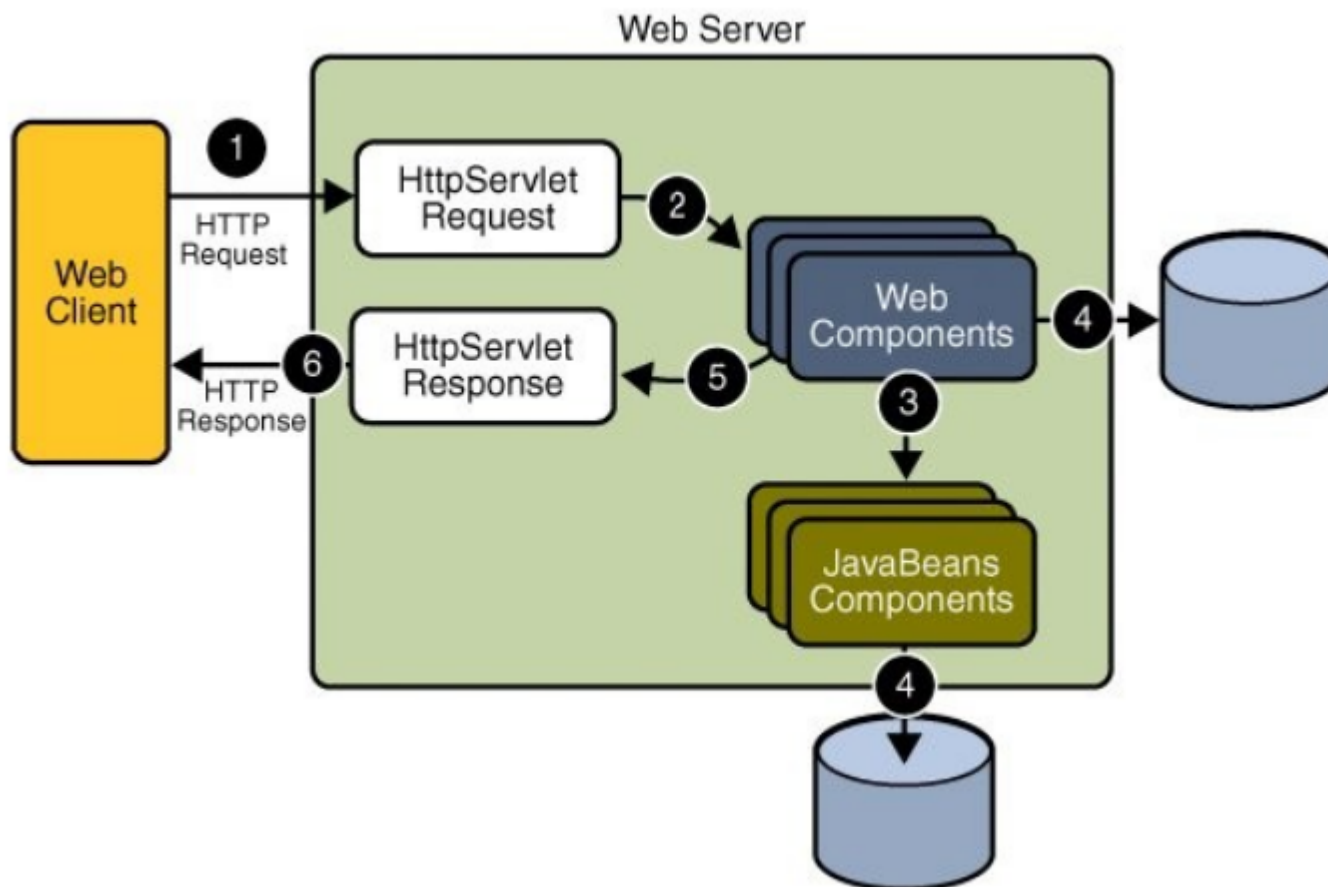
Contêiner JavaEE

- Contêiner para Enterprise Java Bean (EJB)

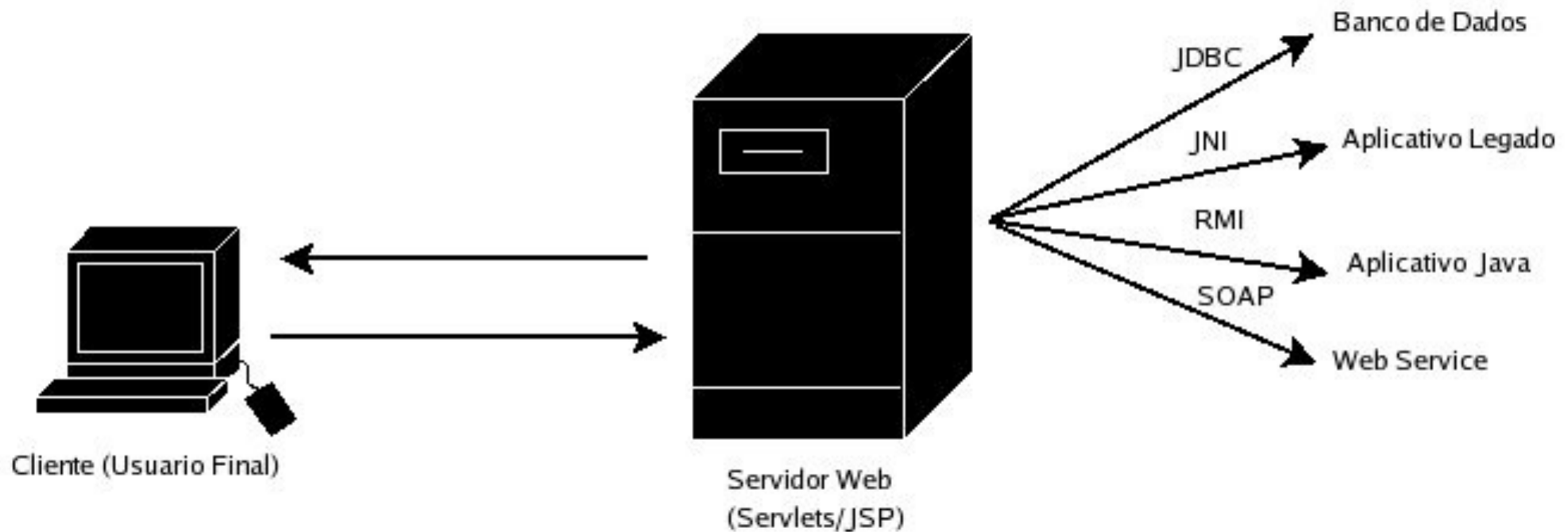


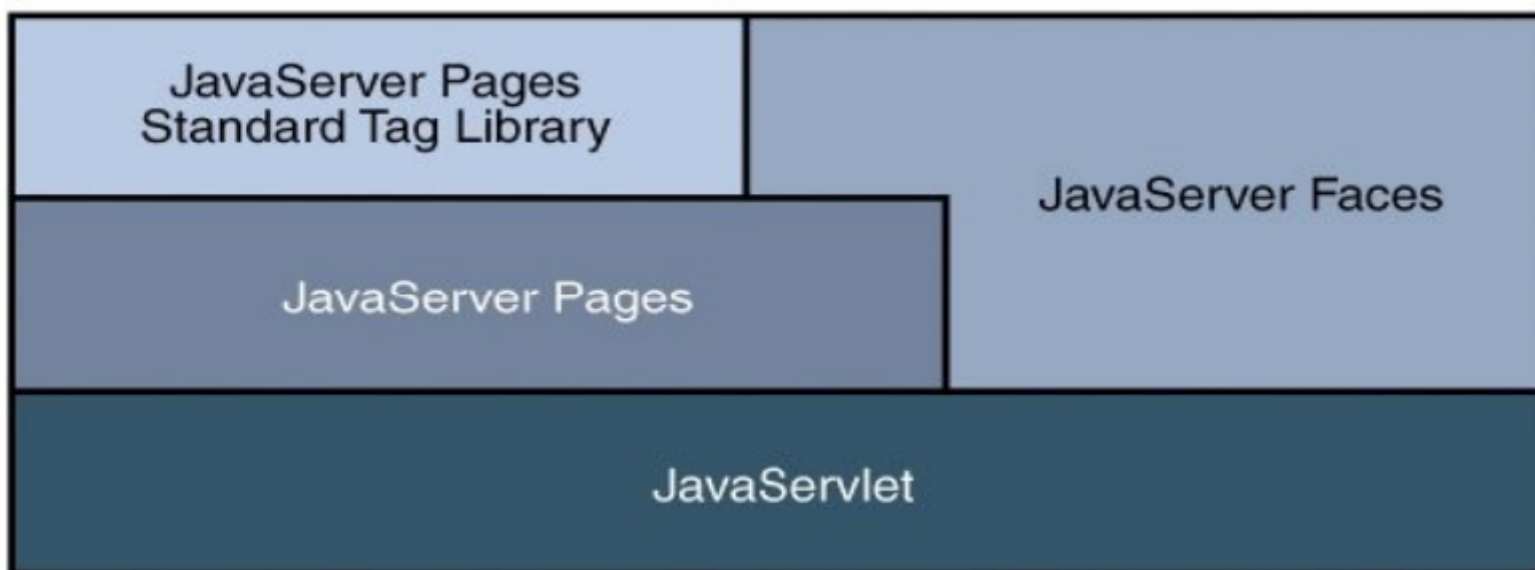


Contêiner Web

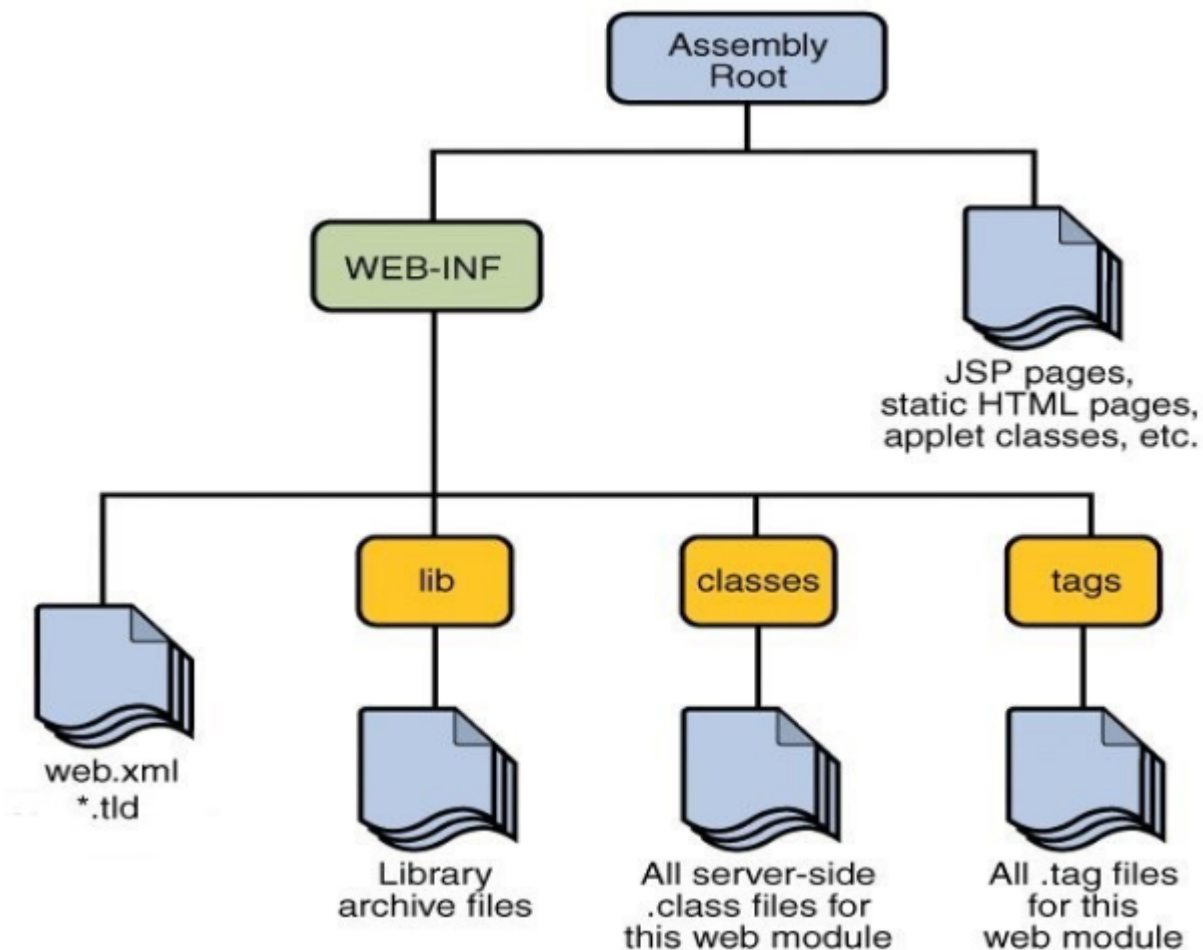


O papel dos Servlets





O Pacote de Publicação



A estrutura de um Servlet

```
import java.io.*;

import java.servlet.*;

import java.servlet.http.*;

public class Exemplo extends HttpServlet {

    public void doGet(HttpServletRequest request,

                        HttpServletResponse response)

        throws ServletException, IOException {

        ...

    }
```


O Ciclo de vida do Servlet

- método `init()` - Inicialização do Servlet
- método `service()` - Tratamento do tipo de requisição HTTP
- métodos `doXxx()` - Onde o processamento acontece
- método `destroy()` - Finalização do Servlet

Os componentes

Component	Interface/Class
Servlets	<code>javax.servlet.Servlet</code>
Servlet Filters	<code>javax.servlet.ServletFilter</code>
Event Listeners	<code>javax.servlet.ServletContextListener</code> <code>javax.servlet.ServletContextAttributeListener</code> <code>javax.servlet.ServletRequestListener</code> <code>javax.servlet.ServletRequestAttributeListener</code> <code>javax.servlet.http.HttpSessionListener</code> <code>javax.servlet.http.HttpSessionAttributeListener</code> <code>javax.servlet.http.HttpSessionBindingListener</code>
Taglib Listeners	Igual ao listado acima
Taglib Tag Handlers	<code>javax.servlet.jsp.tagext.JspTag</code>
Managed Beans	Plain Old Java Objects