



# Servidores de aplicaciones

## Sesión 3: Despliegue de aplicaciones



# Despliegue de aplicaciones

- Tres formas:
  - Fichero: .war, .ear
  - Directorio (en caliente)
    - Directorio WEB-INF (classes, lib, web.xml, weblogic.xml)
    - Ficheros .html, .jsp
    - META-INF
  - Mediante Workshop



# Despliegue de aplicación en un fichero

- Pinchamos en *Deployments*

Control **Monitoring**

This page displays a list of J2EE Applications and standalone application modules that have been installed to this domain. Installed applications and modules can be started, stopped, updated (redeployed), or deleted from the domain by first selecting the application name and using the controls on this page.

To install a new application or module for deployment to targets in this domain, click the Install button.

### Deployments

Install Update Delete Start Stop Showing 1 - 1 of 1 Previous | Next

<input type="checkbox"/>	Name ^	State	Type	Deployment Order
There are no items to display				

Install Update Delete Start Stop Showing 1 - 1 of 1 Previous | Next



# Búsqueda del fichero

### Install Application Assistant

Back Next Finish Cancel

**Locate deployment to install and prepare for deployment**

Select the file path that represents the application root directory, archive file, exploded archive directory, or application module descriptor that you want to install.

**Note:** Only valid file paths are displayed below. If you cannot find your deployment files, [upload your file\(s\)](#) and/or confirm that your application contains the required deployment descriptors.

**Location:** localhost / \

There are no files at the current path which are selectable.

Back Next Finish Cancel



# Selección de fichero

### Install Application Assistant

Back Next Finish Cancel

**Locate deployment to install and prepare for deployment**  
Select the file path that represents the application root directory, archive file, exploded archive directory, or application module descriptor that you want to install.

**Note:** Only valid file paths are displayed below. If you cannot find your deployment files, [upload your file\(s\)](#) and/or confirm that your application contains the required deployment descriptors.

**Location:** localhost / home / miguel / forrest

	jdbc
	nuevojdbc
	nuevoSA
<input checked="" type="radio"/>	benefits.war

Back Next Finish Cancel



# Instalación

### Install Application Assistant

Back Next Finish Cancel

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#### Choose targeting style

Targets are the servers, clusters, and virtual hosts on which this deployment will run. There are several ways you can target an application.

- Install this deployment as an application**

The application and its components will be targeted to the same locations. This is the most common usage.
- Install this deployment as a library**

Application libraries are deployments that are available for other deployments to share. Libraries should be available on all of the targets running their referencing applications.

Back Next Finish Cancel



# Targets

**Install Application Assistant**

Back Next Finish Cancel

**Select deployment targets**

Select the servers and/or clusters to which you want to deploy this application. (You can reconfigure deployment targets later).

Available targets for benefits

Servers
<input type="checkbox"/> AdminServer
<input type="checkbox"/> servidor2
<input type="checkbox"/> servidor3

Back Next Finish Cancel



# Configuración final

### Install Application Assistant

Back Next Finish Cancel

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#### Optional Settings

You can modify these settings or accept the defaults

— **General** —

What do you want to name this deployment?

**Name:**

— **Security** —

What security model do you want to use with this application?

- Use the security roles and policies exactly as they are provided in the deployment descriptors
- Customize the security roles used by policies provided in the deployment descriptors later
- Use custom roles and policies other than those in the descriptors
- Use security realm configuration (advanced option)



# Final

**Install Application Assistant**

Back Next **Finish** Cancel

**Review your choices and click Finish**  
Click Finish to complete the deployment. This may take a few moments to complete.

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**Additional configuration**

In order to work successfully, this application may require additional configuration. Do you want to review this application's configuration after completing this assistant?

**Yes, take me to the deployment's configuration screen.**

**No, I will review the configuration later.**

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**Summary**

**Deployment:** /home/miguel/forrest/benefits.war

**Name:** benefits

**Staging mode:** Use the defaults defined by the chosen targets

**Security Model:** Use the security roles and policies exactly as they are provided in the deployment descriptors

**Target Summary**

Modules	Targets
benefits	AdminServer



# Configuración del despliegue

Settings for benefits

Overview **Configuration** Security Targets Control Testing Monitoring Notes

Use this page to view the installed configuration of a Web Application.

<b>Name:</b>	benefits
<b>Context Root:</b>	(No value specified)
<b>Path:</b>	/home/miguel/forrest/benefits.war
<b>Deployment Plan:</b>	(no plan specified)
<b>Staging Mode:</b>	(not specified)
<b>Security Model:</b>	DDOnly
 <b>Deployment Order:</b>	<input type="text" value="100"/>



# Configuración

Overview Configuration Security Targets Control Testing Monitoring Notes

General Logging

Save

In this page, you define the configuration of the application deployment descriptor file that is associated with this Web application module.

Session cookies max age (in seconds):

Session Invalidation Interval (in seconds):

Session Timeout (in seconds):

Debug Enabled

Maximum in-memory Sessions:

Monitoring Attribute Name:

Index Directory Enabled



# Logging

Overview Configuration Security Targets Control Testing Monitoring Notes

General **Logging**

Save

In this page, you define the configuration of the log file associated with this Web application module.

 **Log File Name:**

**Enable Logging**

**Rotation Type:**

**Number of Files Limited**

**File Count:**

**File Size Limit:**

  **Rotate Log on Startup**

 **Log Rotation Directory:**



# Targets

**Settings for benefits**

Overview Configuration Security **Targets** Control Testing Monitoring Notes

Save

Use this page to select the WebLogic Server instances and clusters, and virtual hosts on which you would like to deploy this Web application.

Servers
<input checked="" type="checkbox"/> AdminServer
<input type="checkbox"/> servidor2
<input type="checkbox"/> servidor3

Save



# Control

**Settings for prueba1**

Overview Configuration Security Targets **Control** Testing Monitoring Notes

This page is used to stop and start a Web application.

**Module**

Start Stop Showing 1 - 1 of 1 Previous | Next

<input type="checkbox"/>	Name ^	State	Type
<input type="checkbox"/>	benefits	Active	Web Application
	Web Services		
	None to display		

Start Stop Showing 1 - 1 of 1 Previous | Next



# Testing

Overview Configuration Security Targets Control Testing Monitoring Notes

Use this page to test that the deployment of the Web application component (WAR file) was successful.

### Deployment Tests

Click the **Lock & Edit** button in the Change Center to activate all the buttons on this page.

Showing 1 - 1 of 1 Previous | Next

Name	Test Point	Comments
<input type="checkbox"/> benefits		
default	<a href="http://127.0.0.1:7001/benefits">http://127.0.0.1:7001/benefits</a>	Default url on server AdminServer
welcome.html	<a href="http://127.0.0.1:7001/benefits/welcome.html">http://127.0.0.1:7001/benefits/welcome.html</a>	Welcome file welcome.html on server AdminServer

Showing 1 - 1 of 1 Previous | Next



# Monitoring

Overview Configuration Security Targets Control Testing **Monitoring** Notes

**Web Applications** Servlets Sessions Workload

Use this page to monitor the current Web application. It includes information about the application such as the machine and server on which the Web application is deployed, and statistics about the number of servlets and sessions associated with this Web application.

[▶ Customize this table](#)

**Web Applications**

Click the **Lock & Edit** button in the Change Center to activate all the buttons on this page.

Showing 1 - 1 of 1 Previous | Next

Context Root	Application	Server	Machine	State	Active Server Count	Source Information	Servlets	Sessions	Sessions High	Total Sessions
/benefits	benefits	AdminServer		Active	1	benefits.war	7	1	1	1

Showing 1 - 1 of 1 Previous | Next



# Servlets

Overview Configuration Security Targets Control Testing Monitoring Notes

Web Applications **Servlets** Sessions Workload

Use this page to monitor the servlets associated with this Web Application along with the following information about each servlet:

- ▣ The WebLogic Server instance with which it is associated.
- ▣ The total number of times the servlet has been invoked since WebLogic Server started.
- ▣ The average time it took to execute the servlet.

▶ Customize this table

## Servlets

Click the **Lock & Edit** button in the Change Center to activate all the buttons on this page.

Showing 1 - 7 of 7

Servlet Name	Context Root	Application	Server	Machine	Reload Total Count	Invocation Total Count	Pool Max Capacity	Execution Time Total	Execution Time High	Execution Time Low	Execution Time Average
/company.jsp	/benefits	benefits	AdminServer		1	1	0	64	64	64	64
/dental.jsp	/benefits	benefits	AdminServer		1	1	0	1	1	1	1
/vision.jsp	/benefits	benefits	AdminServer		1	1	0	1	1	1	1
Benefits	/benefits	benefits	AdminServer		1	4	0	10299	7974	817	2574
FileServlet	/benefits	benefits	AdminServer		1	1	0	14	14	14	14
JspServlet	/benefits	benefits	AdminServer		1	3	0	10231	7907	817	3410
WebServiceServlet	/benefits	benefits	AdminServer		1	0	0	0	0	0	0



# Sessions

Overview Configuration Security Targets Control Testing Monitoring Notes

Web Applications Servlets **Sessions** Workload

Use this page to view statistics about the sessions associated with this Web application.

[▶ Customize this table](#)

### Servlet Sessions

Click the **Lock & Edit** button in the Change Center to activate all the buttons on this page.

Showing 1 - 1 of 1 Previous | Next

Monitoring ID	Context Root	Server	Time Last Accessed	Max Inactive Interval
DyyL2KsvqjSRfknT8hXDxpRGPjj2llxnWBz8p0H0L13xTLPXdDtL	/benefits	AdminServer	Wed Nov 02 18:07:53 CET 2005	3600

Showing 1 - 1 of 1 Previous | Next



# Despliegue de una aplicación en un directorio

- Nos permite modificar eficazmente una aplicación
- Hay dos formas de hacerlo: con la herramienta de despliegue o en el directorio de despliegue



# Despliegue de aplicación en un directorio: herramienta de despliegue

Back Next Finish Cancel

**Locate deployment to install and prepare for deployment**

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**Location:** localhost / home / miguel / workspace

	.metadata
	JDBC1
	JDBC1r
	JDBC2
	JDBC2r
	JDBC3
	JDBC3r
	JDBC4
	JDBC4r
	timeoff
	benefits.war

Back Next Finish Cancel



# Despliegue de aplicación en un directorio: directorio de despliegue (*autodeploy*)

Control **Monitoring**

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### Deployments

Install Update Delete Start Stop Showing 1 - 1 of 1 Previous | Next

<input type="checkbox"/>	Name	State	Type	Deployment Order
<input type="checkbox"/>	benefits	Active	Web Application	100
<input type="checkbox"/>	_appsdir_timeoff_dir(autodeployed)	Active	Web Application	100

Install Update Delete Start Stop Showing 1 - 1 of 1 Previous | Next

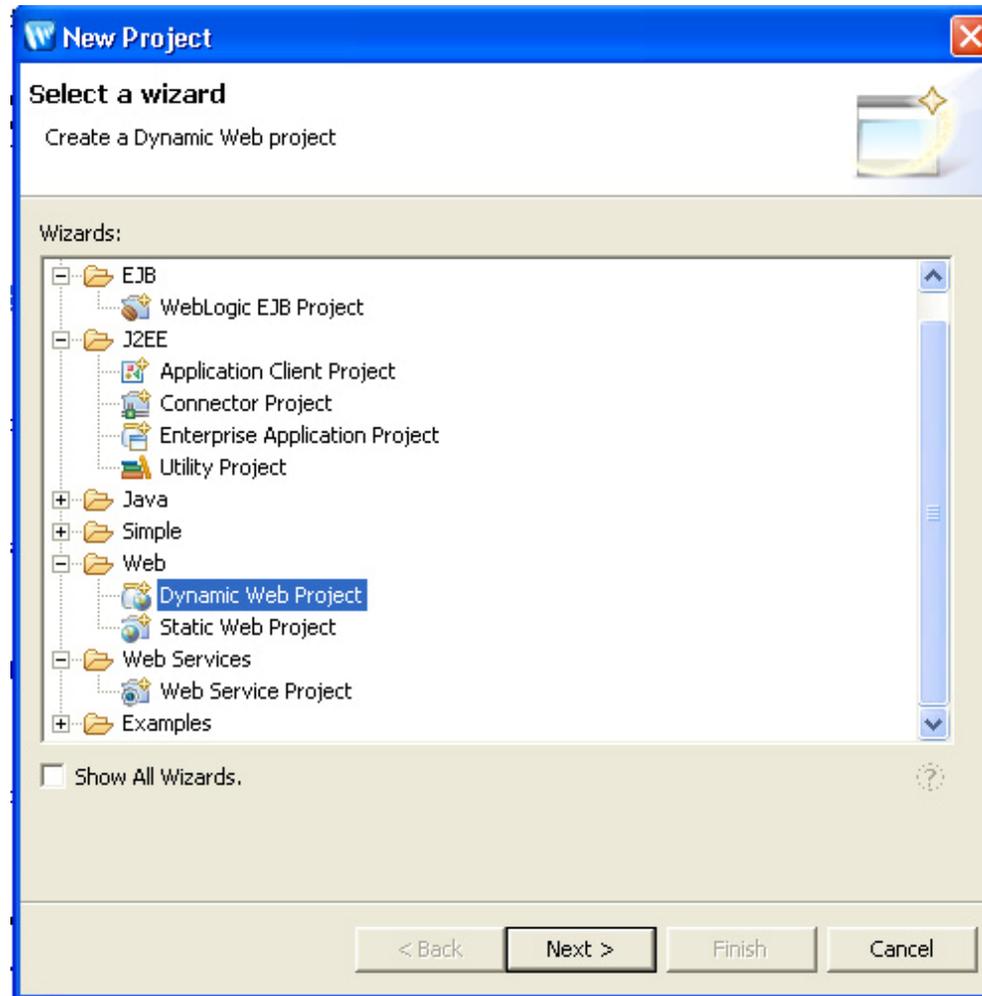


# Workshop for Weblogic

- Eclipse para desarrollo con Weblogic
- *Bea Products->Workshop for Weblogic Platform*
- Al crear un nuevo proyecto nos incluye las librerías necesarias para funcionar dentro de Weblogic

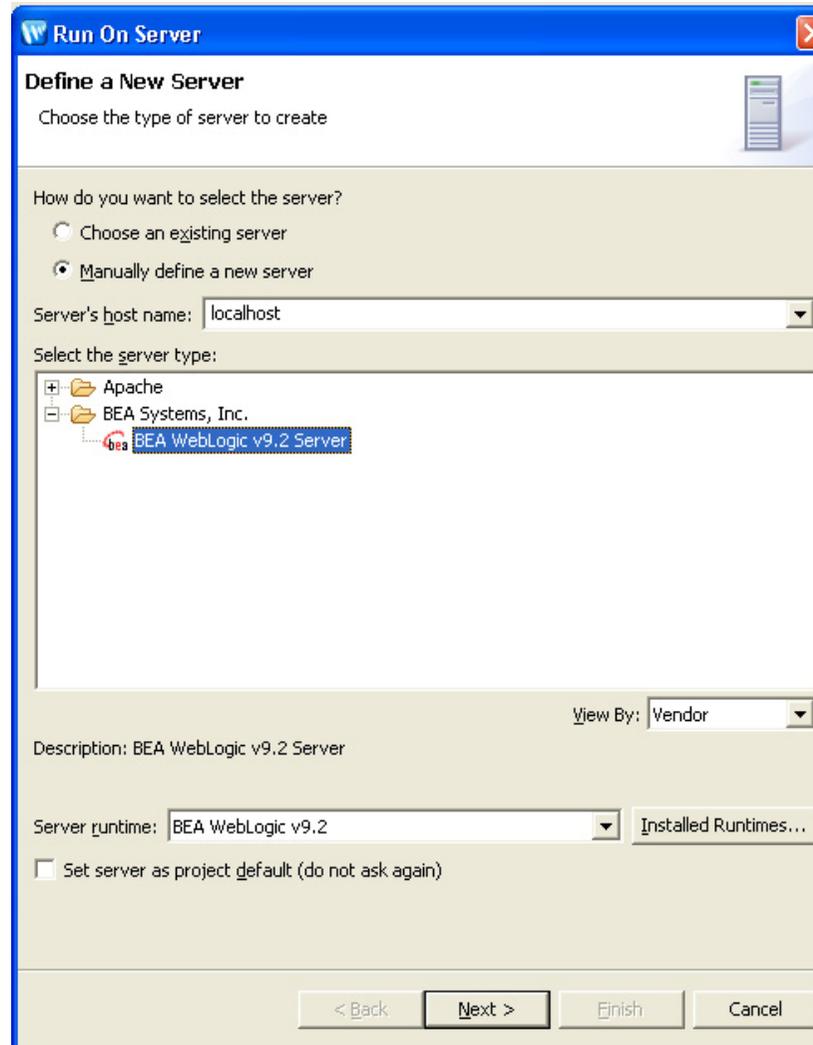


# Nuevo proyecto



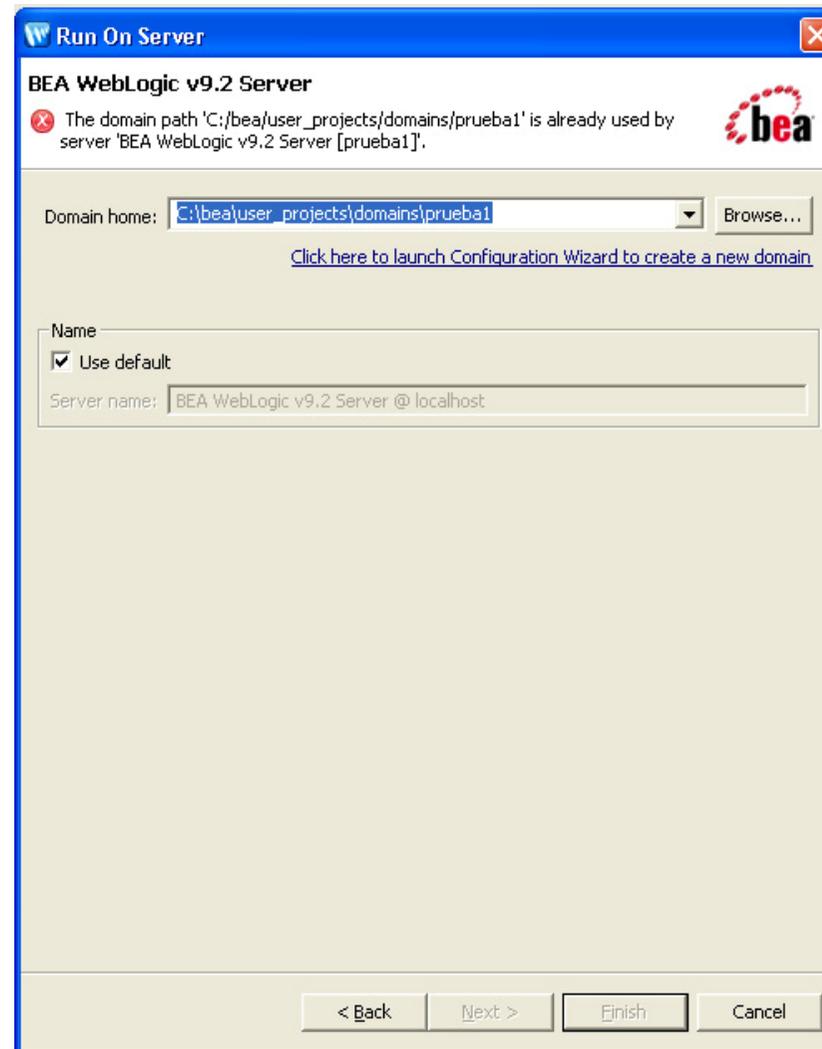


# Run as ...



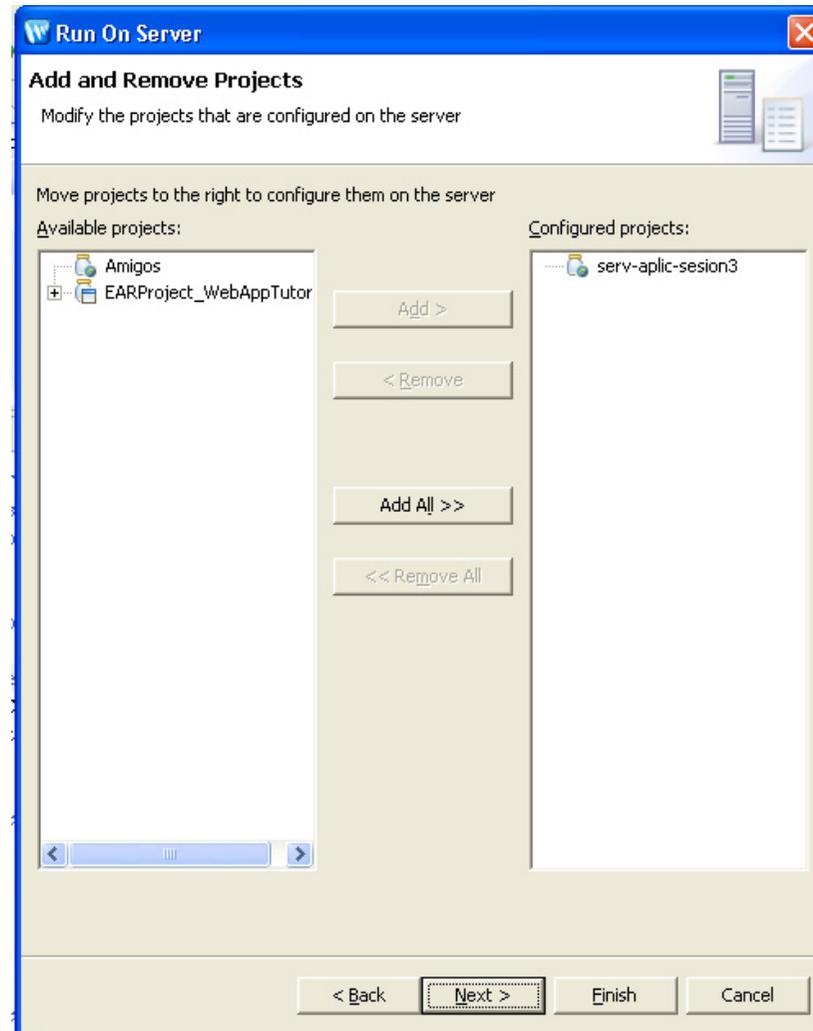


# Elección de dominio





# Elección de aplicaciones a desplegar





# Arranque de servidores y aplicaciones

