

Oracle® Application Server

Standard Edition One Quick Tour

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Oracle Application Server Standard Edition One Quick Tour, 10g Release 2 (10.1.2)

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Preface

This preface contains these topics:

- [Intended Audience](#)
- [Documentation Accessibility](#)

Intended Audience

Oracle Application Server Standard Edition One Quick Tour is intended for anyone interested in a general overview of Oracle Application Server Standard Edition One.

Documentation Accessibility

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Overview of Oracle Application Server Standard Edition One

Oracle Application Server Standard Edition One is a complete, integrated application server. It has the same functionality as Oracle Application Server Standard Edition, but it has been tailored for small to medium businesses and departments. The pre-built functions allows simplified installation, management and operation while reducing development time. You can do the following using Oracle Application Server Standard Edition One:

- Develop and deploy dynamic Web sites and applications using Oracle Application Server Containers for J2EE, PHP and other scripting tools
- Create personalized portals to access content and applications using Oracle Instant Portal and Oracle Application Server Portal
- Accelerate the performance of your Web site using Oracle Application Server Web Cache
- Manage and secure the entire Web infrastructure using Oracle Identity Management and Oracle Application Server Single Sign-On

Architecture

Oracle Application Server Standard Edition One consists of the Oracle Application Server middle tier and the Oracle Application Server infrastructure. The middle tier includes the following:

- Oracle Application Server Web Cache (OracleAS Web Cache)
- Oracle HTTP Server
- Oracle Application Server Containers for J2EE (OC4J)
- Oracle Application Server Portal (OracleAS Portal)

The infrastructure includes the following:

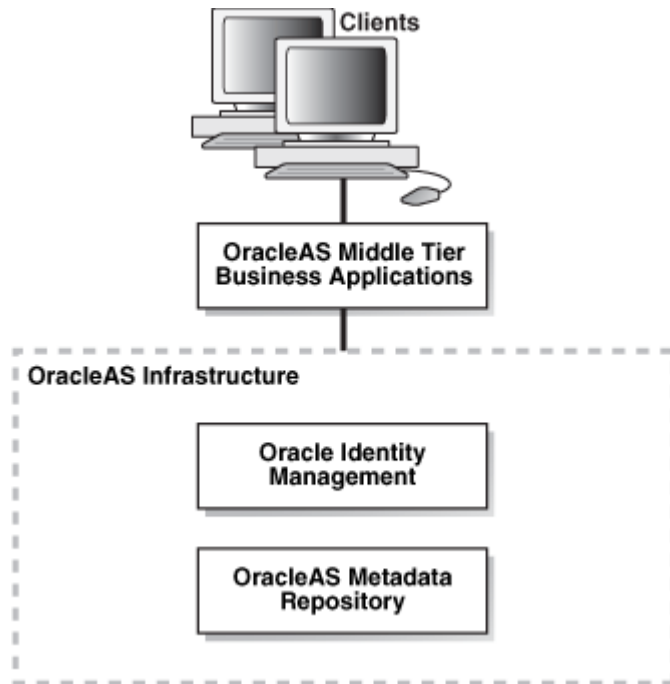
- Oracle Identity Management
- Oracle Application Server Metadata Repository (OracleAS Metadata Repository)

Oracle Identity Management and OracleAS Metadata Repository provide security and metadata support for the middle tier applications. Oracle Identity Management manages user authentication, authorization, and identity information. Functionally, its main components are:

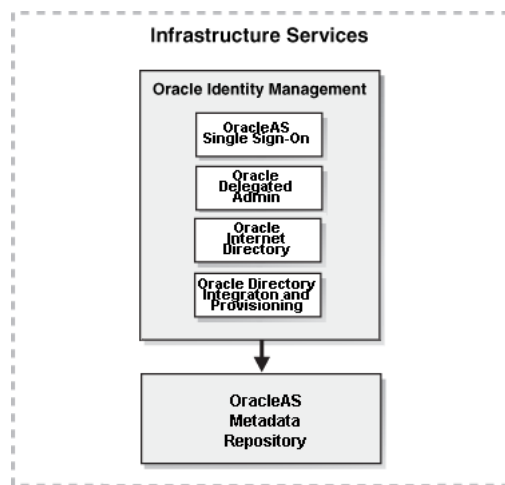
- Oracle Application Server Single Sign-On

- Oracle Delegated Administration Services
- Oracle Internet Directory
- Oracle Directory Integration and Provisioning

The following figure shows the basic architecture of Oracle Application Server business applications and the Oracle Application Server Infrastructure services.



The following figure shows the infrastructure services. These services include Oracle Identity Management and OracleAS Metadata Repository.



See Also: *Oracle Application Server Concepts*

What's New in Oracle Application Server Standard Edition One

Oracle Application Server Standard Edition One has been designed to meet the needs of small to medium businesses and departments looking for an application server that is easy to install, manage and deploy. It includes pre-built functions that reduce

installation and development time, as well as simplifying Web management. The following are some of the new features of Oracle Application Server Standard Edition One:

- Easier to install

One-click installation of Oracle Application Server Standard Edition One makes it simple for administrators. The configuration steps have been automated. In addition, the scripts necessary for startup and shutdown are created automatically during installation. For information about installation, refer to *Oracle Application Server Installing and Getting Started with Standard Edition One*.

- Easier to manage

Oracle Application Server Standard Edition One processes can be started and stopped from the Start menu. In addition, management is controlled through Oracle Enterprise Manager 10g Application Server Control Console. An administrator can [start and stop](#) components, [enable and disable](#) components, and [back up and recover](#) Oracle Application Server using the console.

- Easier to build and deploy Web sites

Oracle Application Server Standard Edition One has an infrastructure to build and deploy Web sites quickly. PHP: Hypertext Preprocessor (PHP) is now automatically installed and configured with Oracle Application Server Standard Edition One. [Oracle Instant Portal](#) uses the core Oracle Application Server Portal technology to provide Web content pages without having to build a portal from scratch. The WYSIWYG (what-you-see-is-what-you-get) interface makes adding and changing content simple. In addition, Oracle Application Server has a complete infrastructure for J2EE and Web services.

The following chapters describe Oracle Application Server components for application management, deployment, and Oracle Instant Portal. Demonstrations are included with the quick tour to show how procedures are done.

Managing Oracle Application Server

Oracle Application Server Standard Edition One management tasks, such as starting and stopping the middle tier instance, can be done directly from the Start menu. Other tasks, such as enabling and disabling components or backing up an instance, can be done using Oracle Enterprise Manager 10g Application Server Control Console (Application Server Control Console), a Web-based management tool.

This chapter includes the following topics:

- [Using the Start Menu to Start or Stop Oracle Application Server](#)
- [Using Application Server Control Console to Start and Stop Components](#)
- [Using Application Server Control Console to Enable and Disable Components](#)
- [Using Application Server Control Console for Backup and Recovery](#)

Using the Start Menu to Start or Stop Oracle Application Server

The Start menu has shortcuts to start and stop Oracle Application Server, the infrastructure and middle tier, and to access the Welcome page, the Management page and documentation. This section describes how to use the Start menu to do the following tasks:

- [Using the Start Menu to Start or Stop Oracle Application Server](#)
- [Using the Start Menu to Start or Stop the Infrastructure or Middle Tier](#)

Using the Start Menu to Start or Stop Oracle Application Server

The following procedure describes how to start or stop Oracle Application Server, including the infrastructure and middle tier, using the Start menu:

1. Select **Programs** from the Start menu on the taskbar.
2. Select the Oracle Application Server instance name.
3. Select one of the following options:
 - To start Oracle Application Server, select **Start all**.
 - To stop Oracle Application Server, select **Stop all**.
 - To start the management console tool, select **Start Application Server Control Console**.
 - To stop the management console tool, select **Stop Application Server Control Console**.

A window will display the status of the process. You can view process details by clicking the **Details** and **Instance Information** buttons.

Show Me: A demonstration of using the start menu to start or stop Oracle Application Server is available at

<examples/startmenu/startmenu.html>

Using the Start Menu to Start or Stop the Infrastructure or Middle Tier

The following procedure describes how to start or stop the Oracle Application Server infrastructure or middle tier using the Start menu:

1. Select **Programs** from the Start menu on the taskbar.
2. Select the Oracle Application Server instance name.
3. Select **Advanced Administration**.
4. Select one of the following options:
 - To start or stop the infrastructure, select **Infrastructure**.
 - To start the infrastructure instance, select **Start Infrastructure Instance**.
 - To stop the infrastructure instance, select **Stop Infrastructure Instance**.
 - To start or stop the middle tier, select **Middle Tier**.
 - To start the middle tier, select **Start Middle Tier**.
 - To stop the middle tier, select **Stop Middle Tier**.

A window will display the status of the process. You can view process details by clicking the **Details** and **Instance Information** buttons.

See Also: For more information about starting and stopping Oracle Application Server instances, refer to *Oracle Application Server Administrator's Guide*

Using Application Server Control Console to Start and Stop Components

Application Server Control Console is the Web-based management tool for Oracle Application Server. The following figure shows a typical Application Server Control Console page:

ORACLE Enterprise Manager 10g
Application Server Control

Application Server: seone_infra_mycompany.com

Page Refreshed Feb 24, 2005 1:44:37 PM

General **CPU Usage** **Memory Usage**

Status: **Up**
Host: market.us.mycompany.com
Installation Type: Infrastructure
Oracle Home: F:\se_one\infra
Farm: seone.mycompany.com

System Components

Start | Stop | Restart | Delete OC4J Instance

Select	Name	Status	Start Time	CPU Usage (%)	Memory Usage (MB)
<input type="checkbox"/>	home	↑	Feb 24, 2005 1:35:38 PM	0.21	24.56
<input type="checkbox"/>	HTTP_Server	↑	Feb 24, 2005 1:34:57 PM	0.00	50.83
<input type="checkbox"/>	OC4J_SECURITY	↑	Feb 24, 2005 1:35:38 PM	0.00	39.55
<input type="checkbox"/>	OID	↑	Feb 24, 2005 1:35:05 PM	0.00	13.98
<input type="checkbox"/>	Single Sign-On.oraaso	↑	N/A	N/A	N/A
<input type="checkbox"/>	Management	↑	Feb 24, 2005 1:36:34 PM	0.00	177.79

TIP This table contains only the enabled components of the application server. Only components that have the checkbox enabled can be started or stopped.

You can use Application Server Control Console to start and stop individual and groups of components. The following procedure describes how to start and stop components using the console:

1. Select **Programs** from the Start menu on the taskbar.
2. Select the Oracle Application Server instance name.
3. Select **Go To**.
4. Select **Application Server Control Console**. The Application Server Control Console farm page will be displayed in your browser.
5. Select an instance.
6. Select the system component. The status of the component is shown in the Status column.
 - To start a component, select the component and click **Start**.
 - To restart all components, click **Restart All**.
 - To stop a component, select the component and click **Stop**. Click **Yes** when prompted by the system.
 - To stop all components, click **Stop All**. Click **Yes** when prompted by the system.

Note: When a component is stopped, the overall status of the Oracle Application Server instance is considered stopped.

Show Me: A demonstration of starting and stopping Oracle Application Server or its components is available at

<examples/console/console.html>

Using Application Server Control Console to Enable and Disable Components

You can enable and disable components using Application Server Control Console. If a component is not used and you want to conserve resources, then disable the component. The disabled component will not appear on the console, and will not be included in management operations.

The following procedure describes how to enable and disable components using Application Server Control Console:

1. Select **Programs** from the Start menu on the taskbar.
 2. Select the Oracle Application Server instance name.
 3. Select **Go To**.
 4. Select **Application Server Control Console**. The Application Server Control Console farm page will be displayed in your browser.
 5. Go to the Application Server Control Console farm page.
 6. Select an instance.
 7. Click **Enable/Disable Components**.
 - To enable a component, select the component in the Disabled Components list and click **Remove**.
 - To disable a component, select the component in the Enabled Components list and click **Move**.
- More than one component can be selected at a time. To select more than one component, press the Ctrl key while selecting the components.
8. Click **OK**.
 9. Click **Yes** when prompted by the system. You will only be prompted to confirm the procedure when disabling components.

Show Me: A demonstration of enabling and disabling Oracle Application Server or its components is available at

<examples/console/console.html>

Using Application Server Control Console for Backup and Recovery

Backup of Oracle Application Server Standard Edition One is necessary for safeguarding against data loss. A comprehensive backup strategy, such as the following, is key to safeguarding against data loss:

- Perform a complete backup of the Oracle Application Server Standard Edition One environment. A complete environment backup includes:
 - A full backup of all files in the middle-tier Oracle homes (including Oracle software files and configuration files).
 - A full backup of all files in the infrastructure Oracle home (including Oracle software files and configuration files).
 - A complete cold backup of the Oracle Application Server Metadata Repository.
 - A full backup of the Oracle system files on the host in the environment.

- Perform configuration and metadata backups on a regular basis.
- Perform a new, complete backup of Oracle Application Server Standard Edition One environment after a major change.

The console can be used to back up and recover configuration files and the metadata repository. To perform a full backup of the entire environment, including all Oracle software files, use the Oracle Application Server Backup and Recovery Tool (OracleAS Backup and Recovery Tool).

This section includes the following topics:

- [Configuring Backup and Recovery Settings Using Application Server Control Console](#)
- [Performing a Backup Using Application Server Control Console](#)
- [Performing a Recovery Using Application Server Control Console](#)

See Also: For information about performing backups and recoveries, and OracleAS Backup and Recovery Tool, refer to *Oracle Application Server Administrator's Guide*

Configuring Backup and Recovery Settings Using Application Server Control Console

Backup and recovery settings must be configured before performing a backup or recovery. Each instance must be configured in order to successfully back up and recover Oracle Application Server. The following procedure describes how to configure the settings using Application Server Control Console. In this procedure, it is assumed that it is a single-server installation. The infrastructure instance will be configured, and then the middle tier will be configured for backup and recovery.

1. Select **Programs** from the Start menu on the taskbar.
2. Select the Oracle Application Server instance name.
3. Select **Go To**.
4. Select **Application Server Control Console**. The Application Server Control Console farm page will be displayed in your browser.
5. Select the infrastructure instance.
6. Click **Backup and Recovery**.
7. Click **Configure Backup/Recovery Settings**.
8. Enter the directory path for the infrastructure log files in the Log File Location field. Information in the log files can be used to troubleshoot problems. If the directory does not exist, then one will be created for the files.
9. Enter the directory path for the infrastructure configuration files in the Configuration Files Backup Location field. The location should be independent from the disk storage for Oracle Application Server Standard Edition One. If the directory does not exist, then one will be created for the files.
10. Enter the directory for the repository database in the Metadata Repository Database Backup Location field. The default location is `ORACLE_HOME/product/10.1.2/OracleAS/infra/oradata/seone`. If the directory does not exist, then one will be created for the files.

The following figure shows the configuration page.

ORACLE Enterprise Manager 10g
Application Server Control

Logos Topology Preferences Help

Farm > Application Server, seone, infra, seone.yourco2.com >

Configure Backup/Recovery Settings

Before you perform a backup or recovery operation, you must first specify a directory for the generated log files and specify a directory for the backed up data. You must also make sure that the operating system user account that was used to install Oracle Application Server has write access to the backup directories.

Oracle Home: C:\product10.1.2\OracleAS\infra

* Log File Location: C:\seone\infra_log
Enter the full directory path. Select a directory with several megabytes of available disk space. If the directory does not exist, Enterprise Manager can create it for you.

* Configuration Files Backup Location: C:\seone\infra_config
Enter the full directory path. Select a directory with several hundred megabytes of available disk space. If the directory does not exist, Enterprise Manager can create it for you.

* Metadata Repository Database Backup Location: C:\seone\infra_mr
Enter the full directory path. Select a directory with several gigabytes of available disk space. If the directory does not exist, Enterprise Manager can create it for you.

* Metadata Repository Database SID: seone
Enter the system identifier (SID) of the OracleAS Metadata Repository database.

TIP For the best protection against loss of data due to hardware failure, do not create your backup directories on the same disk where you installed the Oracle Application Server Oracle home. Instead, use a different disk, and if possible, a different disk controller.

Cancel OK

11. Enter the database system identifier (SID) in the Metadata Repository SID field. The default is seone.
12. Click **OK**.
13. Go to the Application Server Control Console farm page.
14. Select the middle tier instance.
15. Click **Backup and Recovery**.
16. Click **Configure Backup/Recovery Settings**.
17. Enter the directory path for the middle tier log files in the Log File Location field. Information in the log files can be used to troubleshoot problems. If the directory does not exist, then one will be created for the files.
18. Enter the directory path for the middle tier configuration files in the Configuration Files Backup Location. The location should be independent from the disk storage for Oracle Application Server Standard Edition One. If the directory does not exist, then one will be created for the files.
19. Click **OK**.

Show Me: A demonstration of how to configure the backup and recovery settings is available at

<examples/configure/configure.html>

Performing a Backup Using Application Server Control Console

The following procedure describes how to back up configuration files using Application Server Control Console:

1. Select **Programs** from the Start menu on the taskbar.
2. Select the Oracle Application Server instance name.
3. Select **Go To**.
4. Select **Application Server Control Console**. The Application Server Control Console farm page will be displayed in your browser.
5. Select an instance.
6. Click **Backup and Recovery**.
7. Click **Perform Backup**.

8. Select the type of backup for the instance.
9. Click **OK**.

A confirmation of the backup will be displayed at the completion of the backup. If the backup is not successful, then review the logs to see why the backup failed, correct the problem, and rerun the backup.

Note: Before using the console to back up the infrastructure, it is necessary to enable ARCHIVELOG mode. Refer to *Oracle Application Server Administrator's Guide* for information about enabling ARCHIVELOG mode.

Performing a Recovery Using Application Server Control Console

Each backup is identified by the time and date the backup was performed. If an incremental backup is selected, then Oracle Enterprise Manager 10g will restore the most recent full backup before restoring the incremental backup.

The following procedure describes how to perform a recovery using Application Server Control Console.

1. Select **Programs** from the Start menu on the taskbar.
2. Select the Oracle Application Server instance name.
3. Select **Go To**.
4. Select **Application Server Control Console**. The Application Server Control Console farm page will be displayed in your browser.
5. Select an instance.
6. Click **Backup and Recovery**.
7. Click **Perform Recovery**.
8. Select the backup to use for the recovery of the instance.
9. Click **OK**.
10. Click **Yes** to proceed with the recovery, or **No** to return to the Perform Recovery page. The instance is automatically shut down when performing a recovery.

See Also: For detailed information about recovery and the options, refer to *Oracle Application Server Administrator's Guide*

Development and Deployment

Oracle Application Server Standard Edition One can deploy a variety of Web pages and applications. It includes PHP (PHP: Hypertext Preprocessor) and Perl scripting facilities to build Web sites as well as J2EE-compliant server and development applications. In addition, Oracle JDeveloper can be used to develop applications and prepare them for deployment.

Deployment is managed using Oracle Enterprise Manager 10g Application Server Control Console (Application Server Control Console).

This chapter includes the following topics:

- [Developing and Deploying PHP Applications](#)
- [Developing and Deploying JSP Applications](#)
- [Deploying Static and Dynamic HTML Pages](#)

Developing and Deploying PHP Applications

PHP is a server-side HTML-embedded scripting language. HTML serves as the basic framework for a page. Dynamic PHP code draws content and information from other sources, such as an Oracle database.

The following procedure describes how to create a PHP application that accesses an Oracle database. The procedure uses Oracle JDeveloper to create the PHP application. It is assumed that the database has the scott/tiger schema enabled and is accessible.

Note: In order to use Oracle JDeveloper to create PHP applications, it is necessary to download the PHP extension plug-in from the Oracle Technology Network at

<http://www.oracle.com/technology/products/jdev/htdocs/partners/addins/exchange/php/index.html>

After downloading the zip file, extract the `php_addin.jar` file to the `JDev_home/jdev/lib/ext` directory.

1. Start Oracle JDeveloper 10g.
2. Select **New** from the File menu. The New Gallery window will appear.
3. Select **Application Workspace**.
4. Click **OK**. The Create Application Workspace window will appear.
5. Enter a name for the application, and a directory.

For example, if the directory for the PHP application is `ORACLE_HOME/Apache/Apache/htdocs/php` and the file name is `dbquery.php`, then the URL for the application will be as follows:

```
http://hostname:port/php/dbquery.php
```

Developing and Deploying JSP Applications

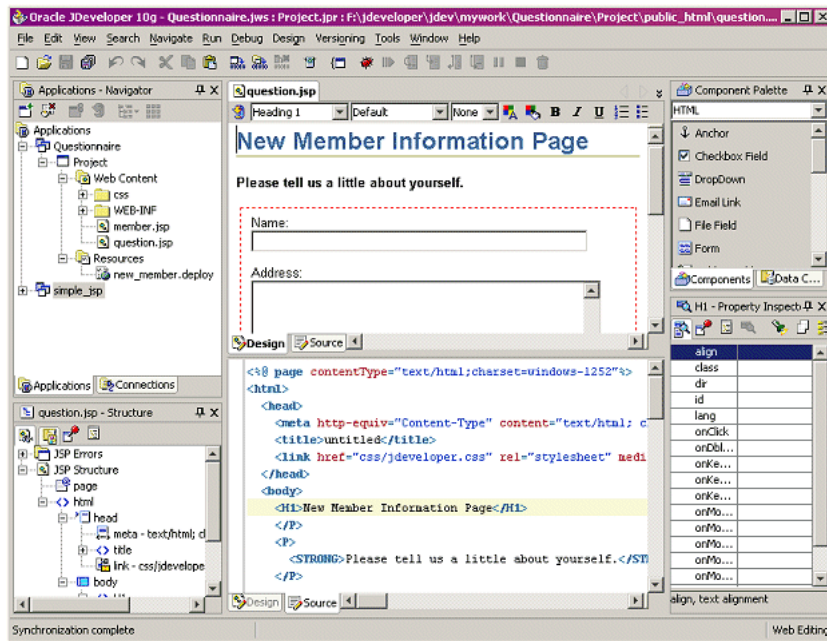
JavaServer Pages (JSP) technology is based on Java servlets and, like Java servlets, JSP is a server-side technology. A key difference between JSP pages and servlets is that JSP pages keep static page presentation and dynamic content generation separate. JSP Web page designers use:

- HTML tags to design and format the dynamically-generated Web page
- JSP standard tags or Java-based scriptlets to call other components that generate the dynamic content on the page
- JSP tags from custom tag libraries that generate the dynamic content on the page

After developing a JSP application, the application should have the Web Archive (WAR) format for deployment. According to the J2EE specification, every application must be assembled and packaged as an Enterprise Archive (EAR) file prior to deployment.

The following procedure describes how to develop and prepare for deployment a JSP application using Oracle JDeveloper.

1. Start Oracle JDeveloper 10g.
2. Select **New** from the File menu. The New Gallery window will appear.
3. Select **Application Workspace**.
4. Click **OK**. The Create Application Workspace window will appear.
5. Enter a name for the application, and a directory.
6. Click **OK**.
7. Right-click the project that corresponds to the new application, and select **New**. The New Gallery window will appear.
8. Expand the Web Tier node by clicking the plus sign (+).
9. Select **JavaServer Pages (JSP)** in the Categories section, and **JSP Page** in the Items section.
10. Click **OK**. The Create JSP window will appear.
11. Enter a file name for the JSP. The file extension should be `.jsp`. The directory name should not be changed for the application.
12. Create the JSP using the JSP and HTML elements available on the JSP and HTML Component Palettes.
13. Save the project as you work on it. The following figure shows Oracle JDeveloper and a simple JSP application.



14. Run the project by selecting the project name from the Run menu. A browser window will open with the application.
15. Create a deployment profile for the JSP application. The following procedure describes how to create a deployment profile using Oracle JDeveloper:
 - a. Select the project.
 - b. Select **New** from the File menu.
 - c. Select **Deployment Profiles** from the General category, and **WAR File** from the Items category.
 - d. Click **OK**. The Create Deployment Profile -- WAR File window will appear.
 - e. Enter a name and location for the profile.
 - f. Click **OK**. The profile will be added to the project and the WAR Deployment Profile Properties window will appear.
 - g. Select items in the left pane and enter the corresponding information in the right pane.
 - h. Click **OK** when done. The location of the WAR and its corresponding EAR file will be shown in the Structure pane.
16. Deploy the application. The following procedure describes how to deploy the JSP application using the Application Server Control Console.
 - a. Select **Programs** from the Start menu on the taskbar.
 - b. Select the Oracle Application Server instance name.
 - c. Select **Go To**.
 - d. Select **Application Server Control Console**. The Application Server Control Console farm page will be displayed in your browser.
 - e. Select the middle tier instance.
 - f. Select the appropriate OC4J instance or create a new one. The home instance, created during installation, is the default instance for custom applications.

- g. Click **Applications**.
- h. Click **Deploy EAR file**. The application deployment wizard will begin and guide you through the deployment process.

The application will be available at the following URL

```
http://hostname:port/application_name/
```

In the preceding URL, *hostname* is the name of the application server, *port* is the port number for the server, and *application_name* is the name of the application, without the EAR extension. For example, if the application is myfavorite.ear, then the URL would be as follows:

```
http://hostname:port/myfavorite/
```

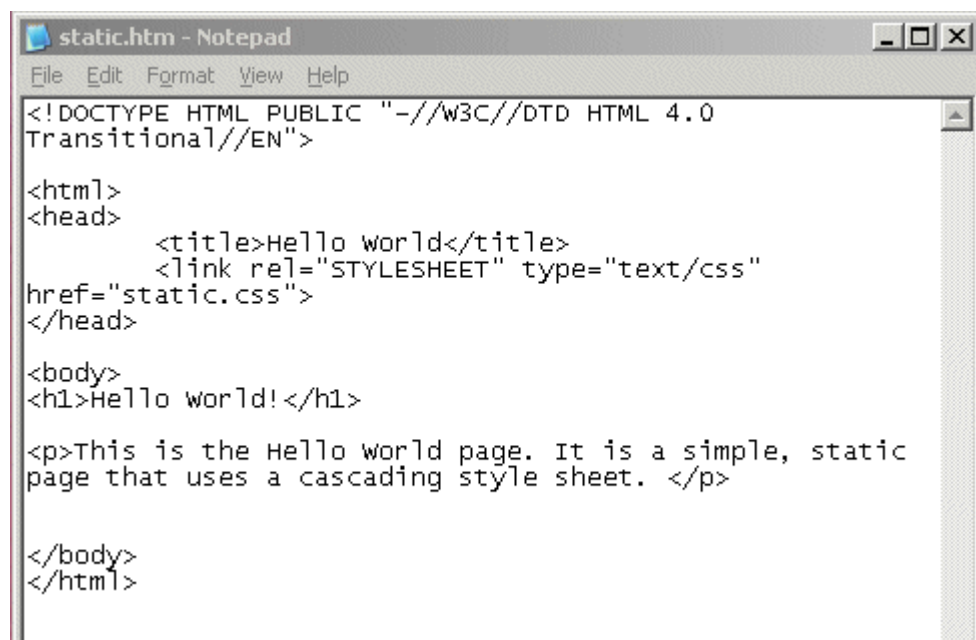
Show Me:

- A demonstration of creating a JSP application is available at [examples/jdev/jdev.html](#)
- A demonstration of creating an application deployment profile is available at [examples/deploy/deploy.html](#)

See Also: For more information about deployment, refer to *Oracle Application Server Containers for J2EE User's Guide*

Deploying Static and Dynamic HTML Pages

Static HTML pages contain consistent content. Dynamic HTML pages contain content that is updated or changed automatically, such as a PHP page. The following figure shows the code for a simple HTML page.



```
static.htm - Notepad
File Edit Format View Help
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0
Transitional//EN">

<html>
<head>
    <title>Hello world</title>
    <link rel="stylesheet" type="text/css"
href="static.css">
</head>

<body>
<h1>Hello world!</h1>

<p>This is the Hello world page. It is a simple, static
page that uses a cascading style sheet. </p>

</body>
</html>
```

If the page is not the home page for Oracle Application Server, then the URL would include the hostname, port, directory and page name. The directory for the page

should be located in the `ORACLE_HOME/infra/Apache/Apache/htdocs` directory. The following is the format for the URL:

`hostname:port/directory/filename`

In the preceding URL, *hostname* is the name of the application server, and the *port* is the port number for the server.

For example, a new set of pages and a directory have been created for an upcoming launch of a new product. The main page for the event is named `newgizmo.html`. The directory is named `newWeb`, and contains all the pages for the Web event. The `newWeb` directory is located in the `ORACLE_HOME/infra/Apache/Apache/htdocs` directory. The URL for the main page would be the following:

`http://hostname:port/newWeb/newgizmo.html`

See Also: For more information about deployment, refer to *Oracle Application Server Containers for J2EE User's Guide*

Changing the Home Page

A home page is the first page that users see when they arrive at a Web site. When Oracle Application Server Standard Edition One is installed, the Welcome page is the default home page.

The following procedure describes how to deploy a new home page for Oracle Application Server Standard Edition One:

1. Create the new home page. The home page must be named `index.html`.
2. Save the new home page in a directory. It is recommended that you save the new home page in a different directory than the `htdocs` directory.
3. Select **Programs** from the Start menu on the taskbar.
4. Select the Oracle Application Server instance name.
5. Select **Go To**.
6. Select **Application Server Control Console**. The Application Server Control Console farm page will be displayed in your browser.
7. Select the infrastructure instance. You will be prompted to log in.
8. Click **HTTP Server**.
9. Click **Administration**.
10. Click **Properties**.
11. Enter the directory for your home page in the Document Root field.
12. (Optional) Enter the administrator's e-mail address in the Administrator's E-mail field.
13. Click **Apply** to apply the changes.

Show Me: A demonstration of setting the home page is available at

<examples/homepage/homepage.html>

Oracle Instant Portal

Oracle Instant Portal makes it easy to create communities of users who can share content in a secure environment. Oracle Instant Portal features provide a simple way to do the following:

- Enable content sharing throughout your company
- Create smaller portals to serve the needs of a particular department
- Communicate more fully with partners or customers

The Oracle Instant Portal interface and easy editing controls mean you spend less time building a portal and more time helping users get their jobs done efficiently. The following are some of the key benefits of Oracle Instant Portal:

- Pre-generated, pre-configured pages mean no initial development costs. Pages are ready to receive content immediately.
- Pre-configured home page displays news, announcements, and newly added content. The Favorite content area lets users personalize the content simply.
- Point-and-click operations for changing style, managing pages, contributing and managing content, and managing user access.
- In-place editing provides simple, WYSIWYG (what-you-see-is-what-you-get) editing right on the page.

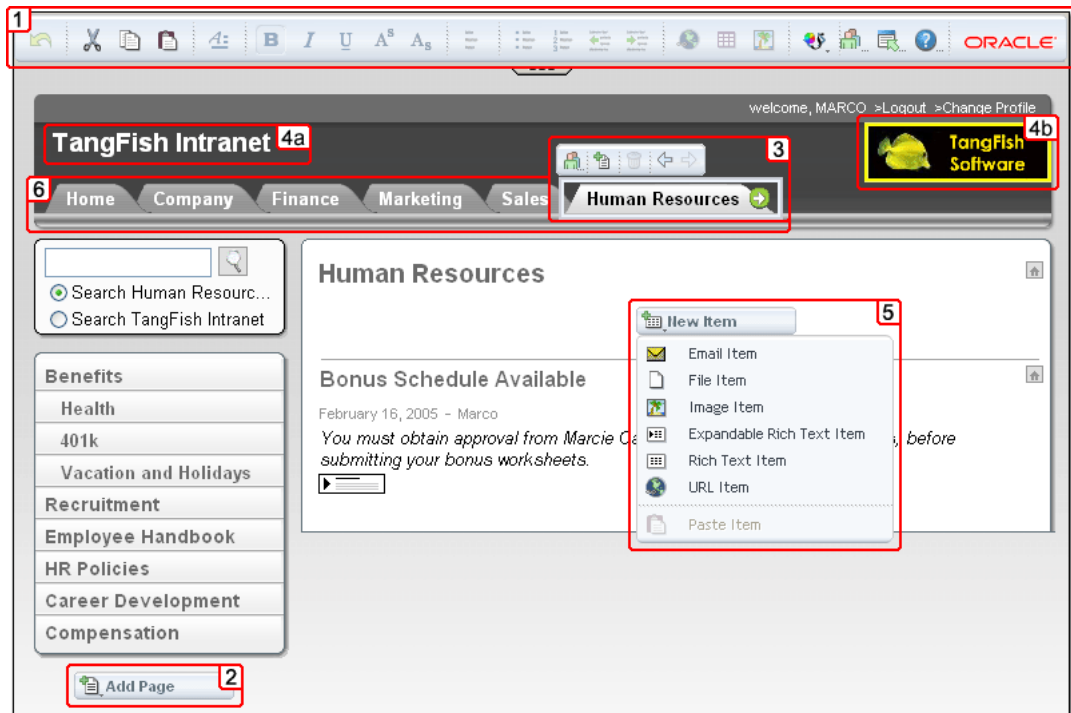
With Oracle Instant Portal, you can have a functioning portal in less than an hour.

This chapter includes the following topics:

- [Understanding Oracle Instant Portal](#)
- [Accessing the First Oracle Instant Portal Instance](#)

Understanding Oracle Instant Portal

The best way to understand Oracle Instant Portal and what it can do for you is to look at a sample portal from a fictitious company, Tangfish Intranet. The following figure shows the Tangfish portal.



The following descriptions relate to the highlighted sections of the preceding figure:

1. The editing toolbar makes it easy for authorized users to interact with the portal. All standard editing controls are available when adding text-based items, such as cut-and-paste, font controls and full table support. Oracle Instant Portal administrators can also access the tools they need to control the look and feel of the portal, manage users, and work with multiple portal instances. A single click delivers a robust online help system to help answer questions quickly.
2. Each tabbed page can have its own set of supporting pages, available right from the navigation area. Add new pages right in context, without ever having to leave the parent page.
3. You can easily add, rename or re-position the tabs, as well as control who has access to a page and to what level. Just click a tab while in edit mode. The necessary tools are right there.
4. Your corporate name (4a) and logo (4b) can be added to a portal. In addition, a set of pre-defined styles make it easy to tailor the portal's look and feel.
5. Files, images, URLs, and e-mail addresses can be added right on the page, right in context. Rich Text items are ideal for short announcements that you want to publish directly on the page. Expandable Rich Text items are perfect for longer text items when you need to conserve space on the page. Enhance any kind of text item with tables, images, and hyperlinks.
6. The Oracle Instant Portal default tabs are based on a typical company model. You can use them, or change the names to reflect your organization more closely. A travel agency, for example, might prefer tabs named Airlines, Rental Cars, Hotels, Restaurants, Discounts, and Package Tours.

Show Me: A demonstration of using Oracle Instant Portal is available at

examples/tangfish/tangfish.html

Accessing the First Oracle Instant Portal Instance

The first Oracle Instant Portal instance is created automatically, as part of the Oracle Application Server Standard Edition One installation process. When you first log on to Oracle Application Server Standard Edition One, you are presented with the Welcome page. The My Company link on the Welcome page takes you to the home page of your first portal.

It is a secure Web site, and you will need to log in to it. Log in as the `portal` user, using the `ias_admin` password. From there, you can set up and customize the portal in a few easy steps. Click the help icon (question mark) at any time for online help.

Use the following URL to go directly to the Oracle Application Server Portal page and bypass the Welcome page

`http://hostname/pls/portal`

