



Guía de Instalación

Oracle Business Intelligence Enterprise Edition (10.1.3.2.0)
Advanced Installation Type

Elaborado por: Antonio Akiyama (antonio.akiyama@gbsperu.net)

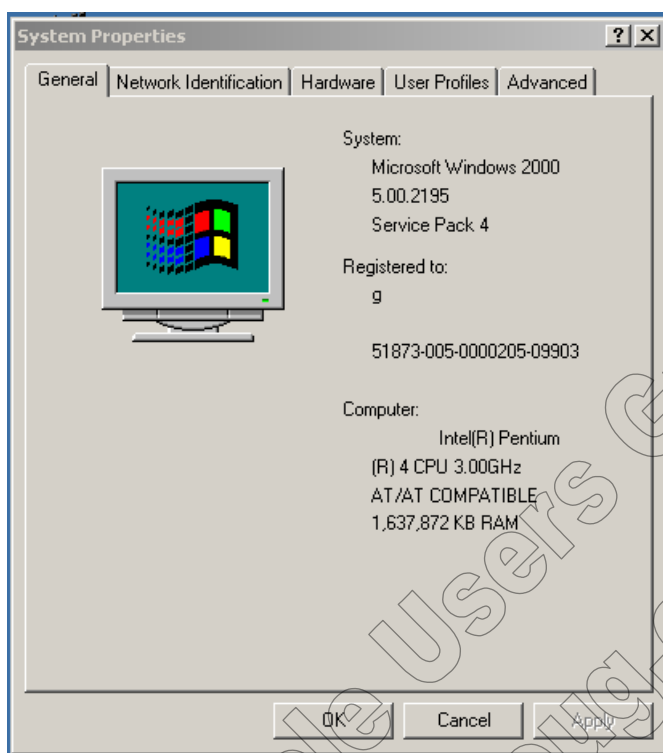
Consultor Senior Business Intelligence Platform

Fecha: 15 de Abril del 2007

Versión: 1.0

PERU Oracle Users Group
www.peoug.org

Este documento muestra la instalación de todos los componentes de **Oracle Business Intelligence Enterprise Edition**. Para la presente guía, el sistema operativo es **Microsoft Windows 2000 5.00.2195 Service Pack 4** y el servidor cuenta con **1.5 GB de RAM**. El tipo de instalación seleccionada es denominada **Avanzada** y requiere **Oracle Application Server 10.1.3.1** o posterior.



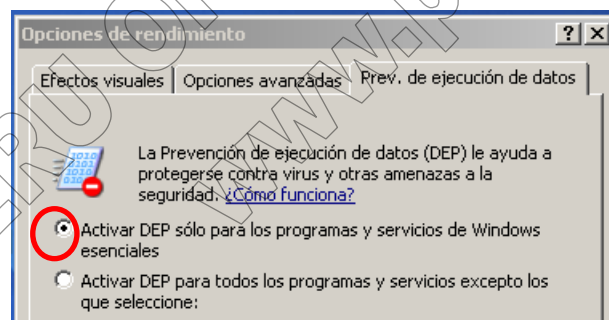
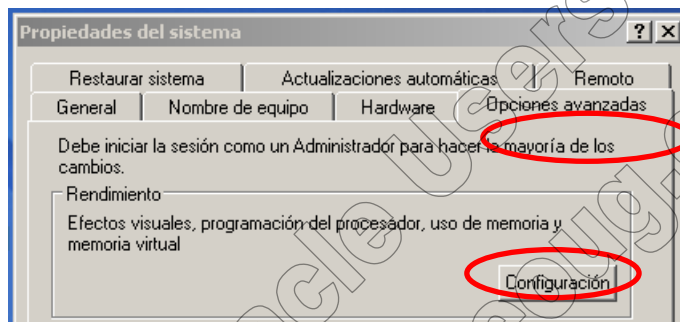
Mayor información acerca de los requisitos y el proceso de instalación puede obtenerse en **Oracle Business Intelligence Infrastructure Installation and Configuration Guide**
http://download-west.oracle.com/docs/cd/B40078_01/doc/bi.1013/b31765.pdf

Requisitos

- Se requiere **J2SE Development Kit 1.5.0 (JDK 1.5.0)** o posterior. Este JDK se puede bajar e instalar desde <http://java.sun.com/javase/downloads/index.jsp>

Windows Platform - Java(TM) SE Development Kit 6			
<input checked="" type="checkbox"/>			
<input type="checkbox"/>	↓ Windows Offline Installation, Multi-language	jdk-6-windows-i586.exe	53.16 MB
<input type="checkbox"/>	↓ Windows Online Installation, Multi-language	jdk-6-windows-i586-iftw.exe	361.62 KB

- Si el tipo de instalación seleccionada es **Avanzada**, se requiere tener instalado **Oracle Application Server 10.1.3.1** o posterior. De lo contrario, la instalación no procederá.
- Sólo en el caso que la instalación sea sobre **Windows XP** o **Windows Server 2003**, se debe configurar **Prevención de ejecución de datos (DEP)**
 - En el **Panel de Control** seleccionar **Sistema**



Instaladores

Los instaladores pueden ser obtenidos en:

<http://www.oracle.com/technology/software/products/ias/htdocs/101320bi.html>

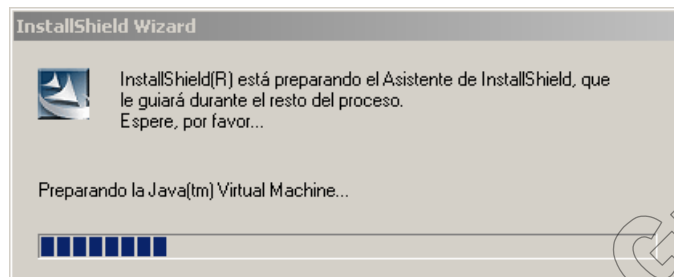
Oracle Business Intelligence Suite Enterprise Edition <input type="checkbox"/>	Microsoft Windows x86: 1.1 GB <u>CD1, CD2</u>	Linux x86 (Red Hat Linux / Oracle Enterprise Linux): 1 GB <u>CD1, CD2</u> x86 (SUSE): 1 GB <u>CD1, CD2</u>	Solaris Coming Soon	HP Coming Soon	IBM Coming Soon
Included:	<ul style="list-style-type: none">• Business Intelligence Suite Enterprise Edition• Business Intelligence Disconnected• Business Intelligence Server Administrator• Business Intelligence Server Enterprise Edition• Option: Answers• Option: Delivers• Option: Interactive Dashboards• Option: Office Plug-in• Option: Reporting and Publishing (This is the same as Oracle BI Publisher, v10.1.3.2.0)• OC4J Standalone zip file				

PERU Oracle Users Group
www.peoug.org

Instalación

1. Luego de desempaquetar los archivos **biee_windows_x86_101320_disk1.zip** y **biee_windows_x86_101320_disk2.zip**, ejecutar el archivo **setup.exe** desde el **...\CD1\Windows\Server\Oracle_Business_Intelligence**

La instalación del producto está basada en **InstallShield** a diferencia de las instalaciones convencionales de productos Oracle que utilizan **Universal Installer**.



PERU Oracle Users Group
www.peoug.org

2. Se indican los directorios para la instalación y el tipo de instalación.

Oracle Business Intelligence Installation

Select the location where you want to install the product and the installation type that you want to use.

For complete installation information, see the *Oracle Business Intelligence Infrastructure Installation and Configuration Guide*.

Installation Location

Specify the directory where you want to install the software by either typing in the full directory path or by clicking Browse to select a directory. This is typically OracleBI.

Data Location

Specify the directory where you want to store the data by either typing in the full directory path or by clicking Browse to select a directory. This is typically OracleBIData.

Select the Installation Type

Installation Type refers to the application server instance under which Oracle Business Intelligence is to run.

Basic

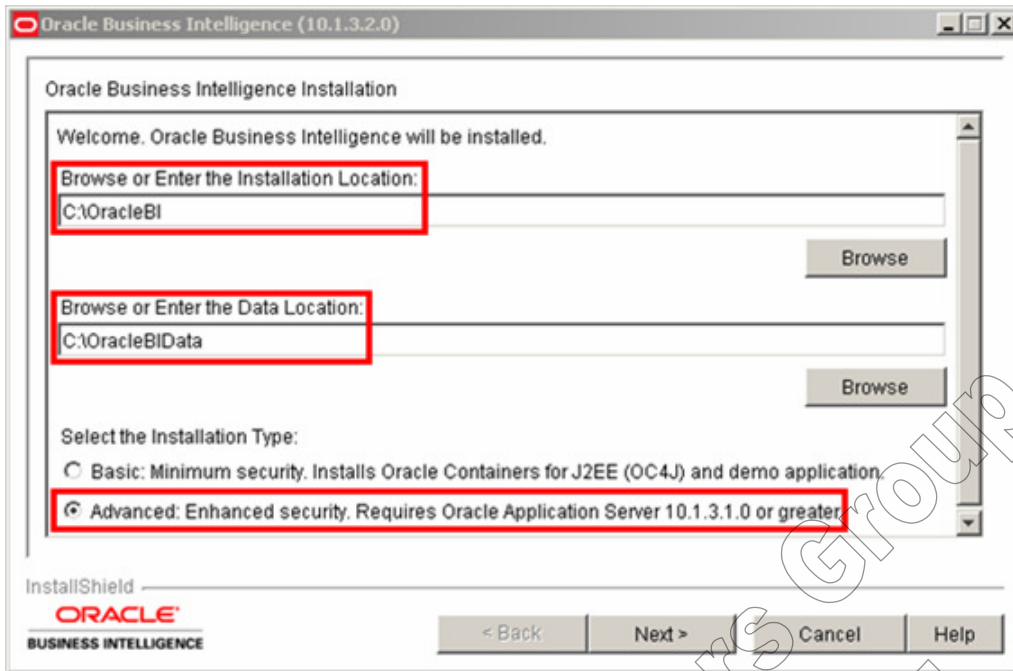
Provides minimum security and installs a lighter version of Oracle Containers for J2EE (OC4J) 10.1.3.1 and a demonstration application. Minimum security is implemented by setting the MINIMUM_PASSWORD_LENGTH element in the NQSCfg.ini file to zero (0).

This option is recommended for Oracle BI developers to become acquainted with the product and to develop an Oracle BI application (with the Oracle BI Repository and Oracle BI Presentation Services Catalog) before deploying it in a production environment.

Advanced

Provides maximum security and requires Oracle Application Server 10.1.3.1.0 or higher. Maximum security is implemented by setting the MINIMUM_PASSWORD_LENGTH element in the NQSCfg.ini file to eight (8). This option is recommended for production environments and it does not include a demonstration application.

Note: Before you run the Oracle BI installer and choose Advanced, you must have installed a complete J2EE-compliant application server, such as Oracle Application Server 10.1.3.1.0.



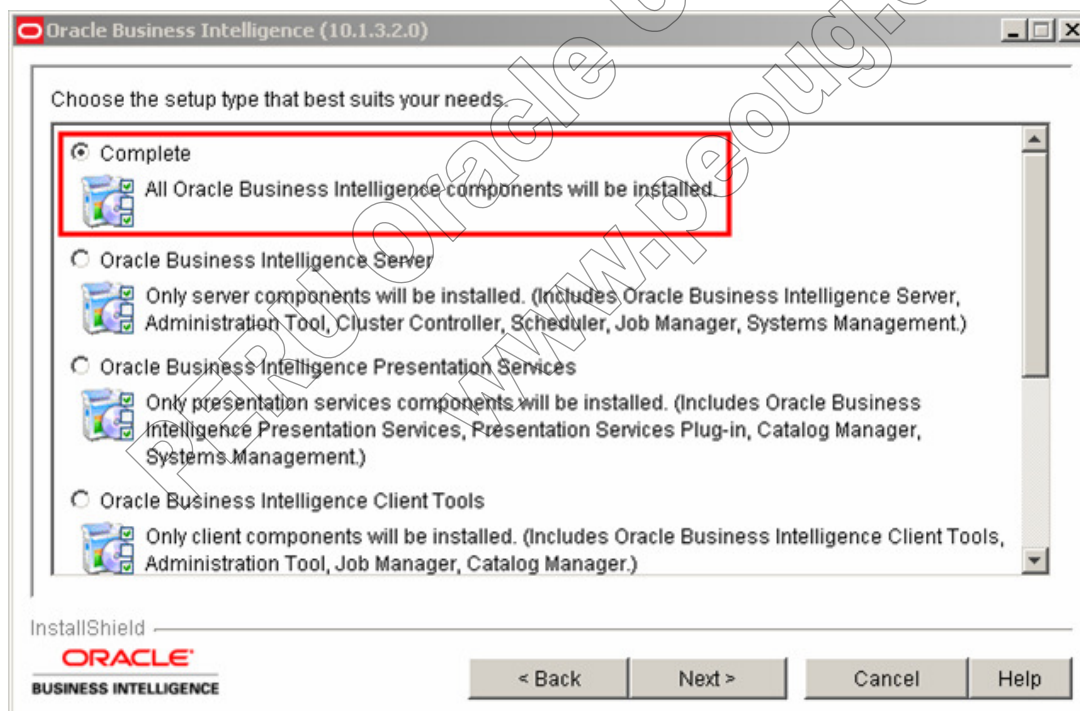
PERU Oracle Users Group
www.peoug.org

3. Se indican los componentes de la plataforma que se requieren instalar

Setup Type

Select the type of installation to perform. The setup type that you choose affects the number and type of pages that subsequently appear.

- Complete: Installs all Oracle Business Intelligence components.
- Oracle Business Intelligence Server: Installs only Oracle BI Server components.
- Oracle Business Intelligence Presentation Services: Installs only Oracle BI Presentation Services components.
- Oracle Business Intelligence Client Tools: Installs only Oracle BI client components, such as Administrator Tool, Job Manager and Catalog Manager
- Oracle Business Intelligence Disconnected Client: Installs only the Oracle BI Disconnected Analytics client.
- Oracle Business Intelligence Publisher: Installs only Oracle BI Publisher.
- Custom: If you do not want to accept all the default installation options and want to further customize the installation using the options on the next page. Choose this type only if you are an experienced Administrator.



4. Se registran los datos acerca de la instalación de Oracle Application Server. Esto depende de los datos e información definida por el administrador de Oracle Application Server

Oracle Business Intelligence (10.1.3.2.0)

Oracle Application Server Location

Oracle Application Server 10.1.3.1.0 or greater is required.

Browse or Enter the Oracle Application Server Location (ORACLE_HOME):
D:\product10.1.3.1\OracleAS_1

Browse

Enter the administrator user information for the above Application Server which will be used for installing Oracle Business Intelligence Systems Management, Presentation Services, Presentation Services Plug-in, and BI Publisher.

Administrator username: oc4jadmin

Administrator password: *****

Confirm password: *****

InstallShield

ORACLE
BUSINESS INTELLIGENCE

< Back | Next > | Cancel | Help

PERU Oracle Users Group
www.peoug.org

5. Se define la cuenta de usuario bajo la cual se ejecutarán los servicios. Aceptar los valores por defecto o ingresar la cuenta en el formato Dominio\Usuario.
6. Además, se define como se iniciarán los servicios: Manual o Automático. Aceptar los valores por defecto.

Oracle BI Services

Specify the account name, password, and the start type for various Oracle BI services. This page is displayed on Windows only.

Account Area

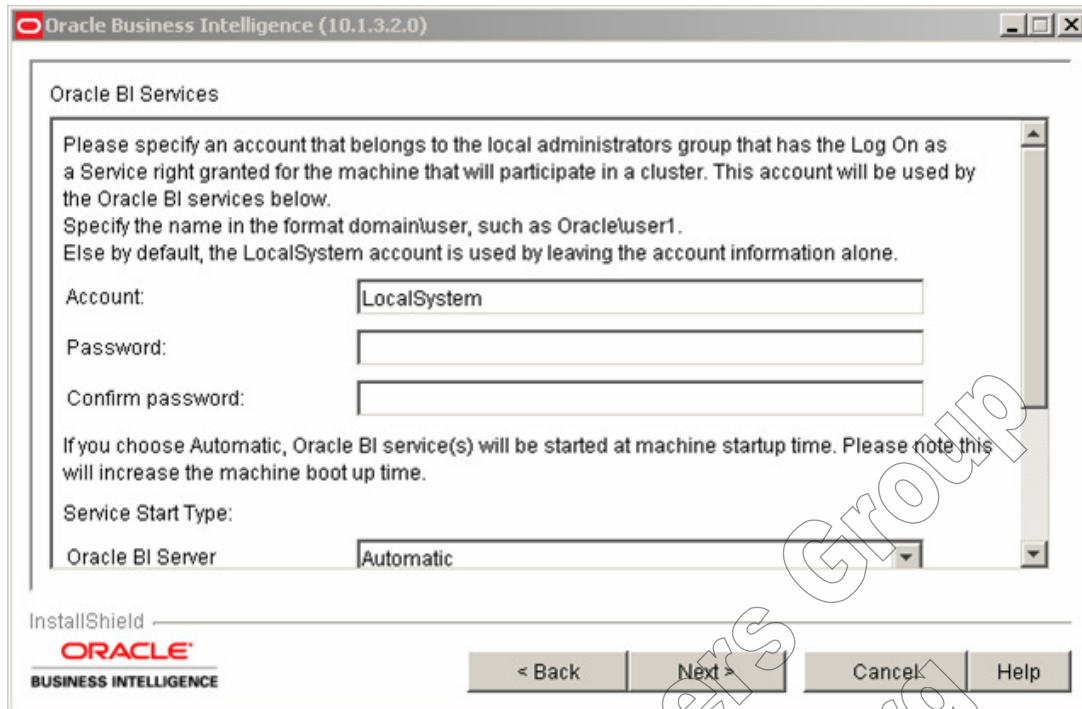
Specify the Windows server account name under which each of the Oracle BI services that are listed below should run. This account name should be the same on all Oracle BI clustered servers. Accept the default or specify the account name (in the format domain\user) and the password. Leave the Cluster Account Information blank, if you are not running machines in a cluster for this installation.

Service Start Type

For various Oracle BI services, specify whether to start the service automatically or manually. The Services Start Type set to Automatic means that the Oracle BI service starts automatically when the computer is rebooted.

Note: Overall system performance might be affected by these settings.

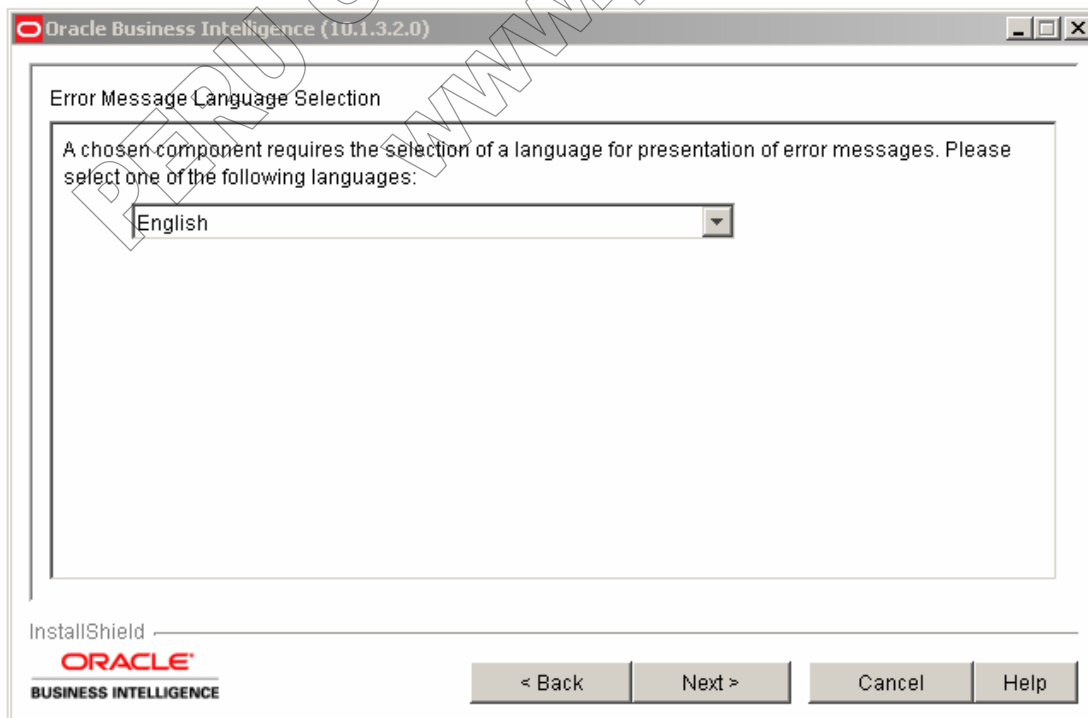
- Oracle BI Server default : Automatic
- Oracle BI Scheduler default: Manual
- Oracle BI Cluster Controller default: Manual
- Oracle BI Presentation Server default: Automatic
- Oracle BI Java Host default: Automatic



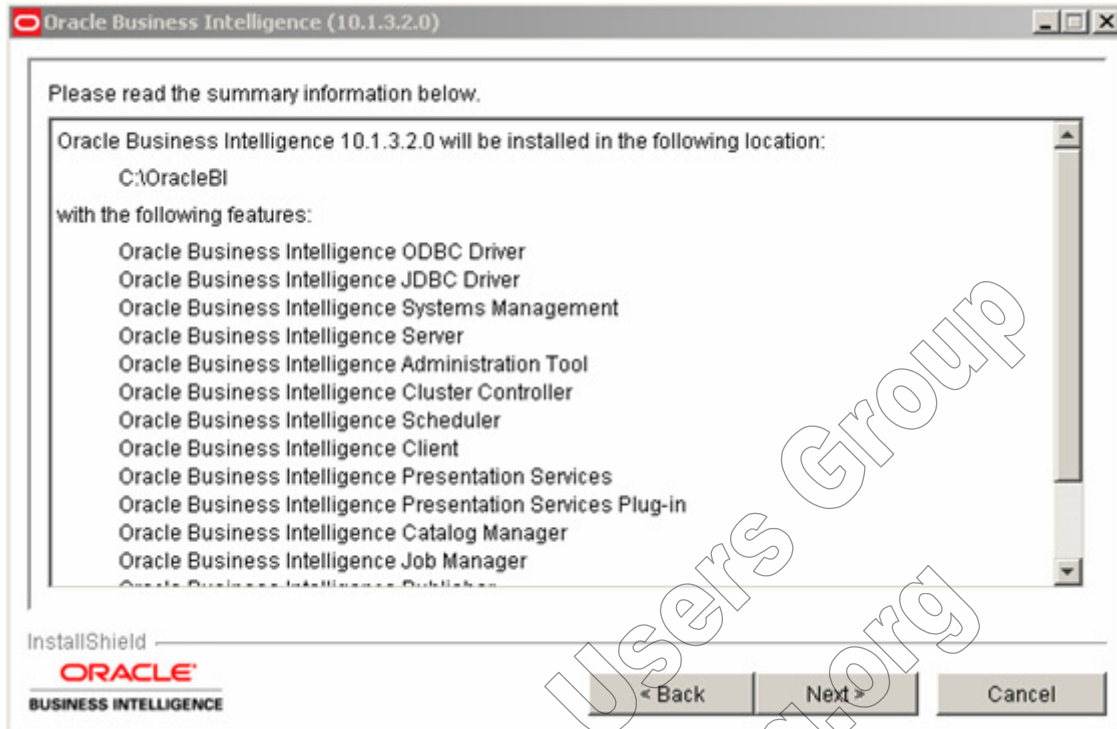
7. Aceptar el valor por defecto para el lenguaje utilizado en los mensajes de error.

Error Message Language Selection

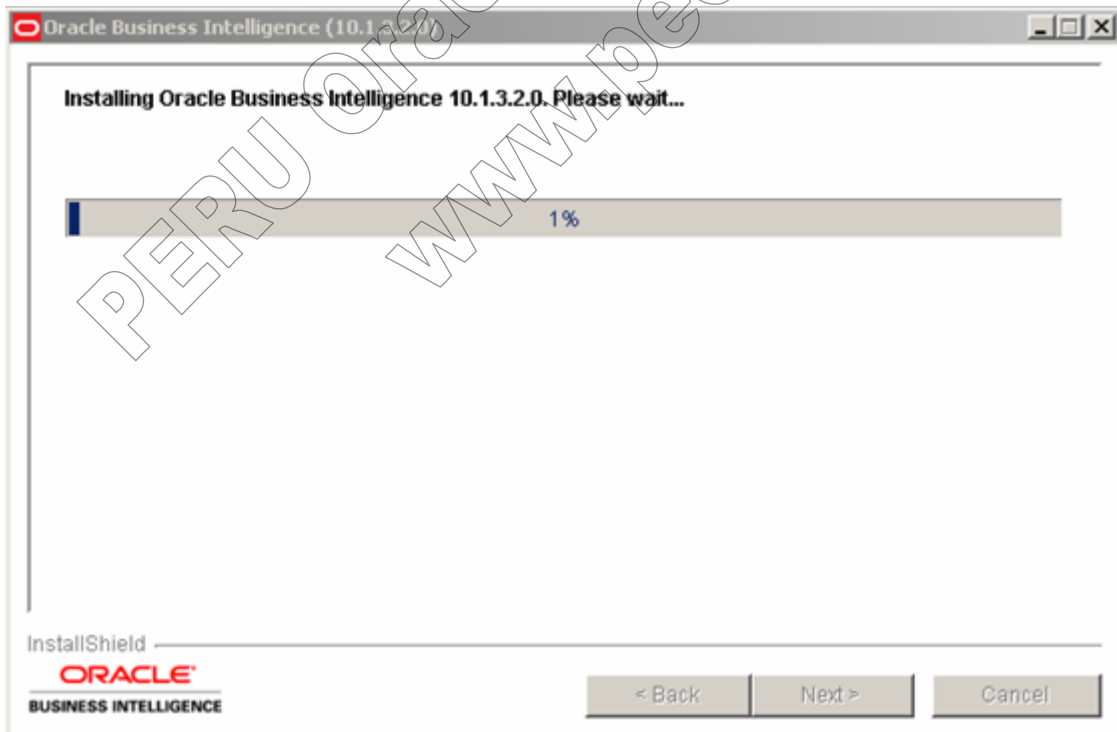
Select the one language in which you want error messages from the Oracle BI Server to be displayed. Typically, these are only messages from the relational server. The default is English



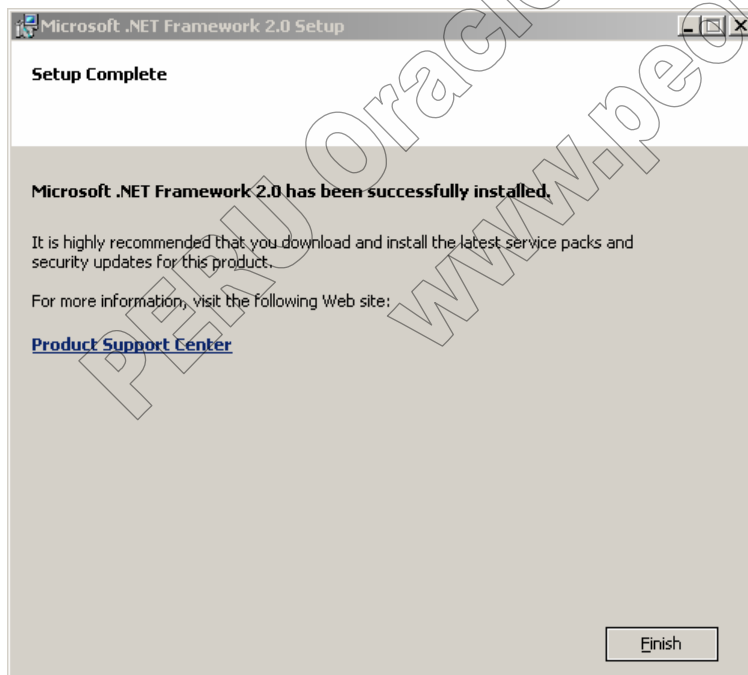
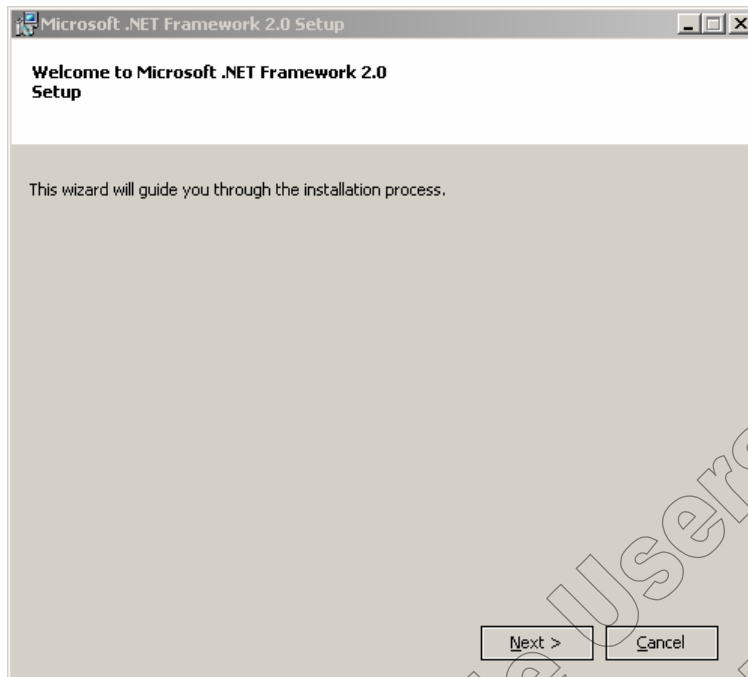
8. Se presenta un resumen de los productos que serán instalados.



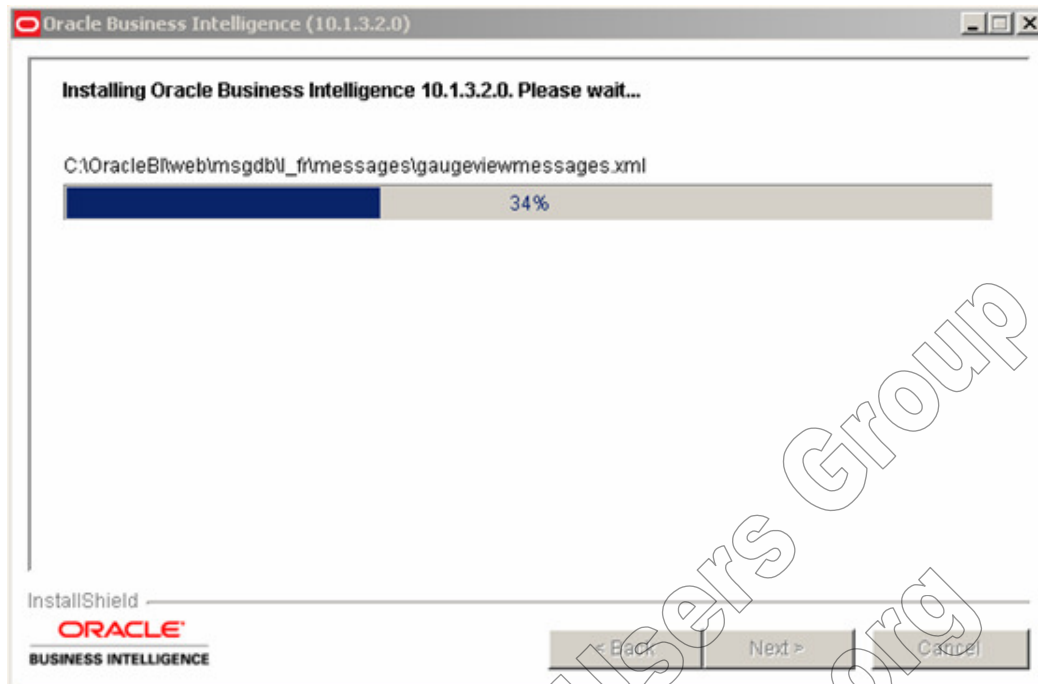
9. Se inicia el proceso de instalación



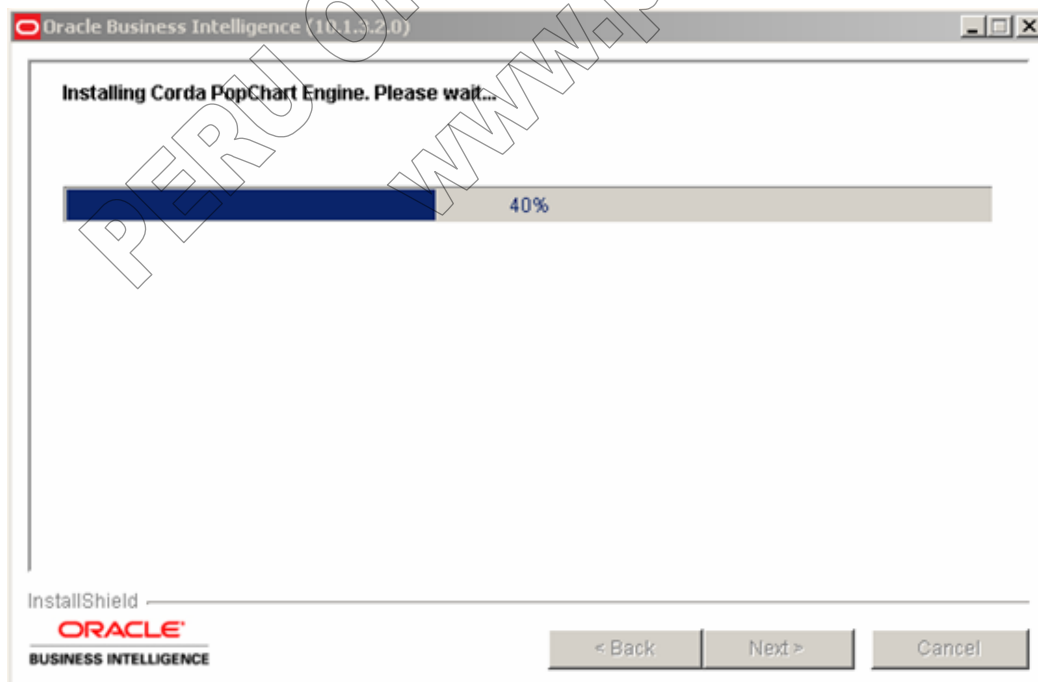
10. Dado que la instalación comprende todos los componentes de la plataforma, se instalará Office Plug-In. Para ello se requiere instalar **.NET Framework**. Si el *framework* no está instalado, el asistente inicia su instalación.



11. Luego de instalado .NET Framework, el asistente continúa con la instalación.

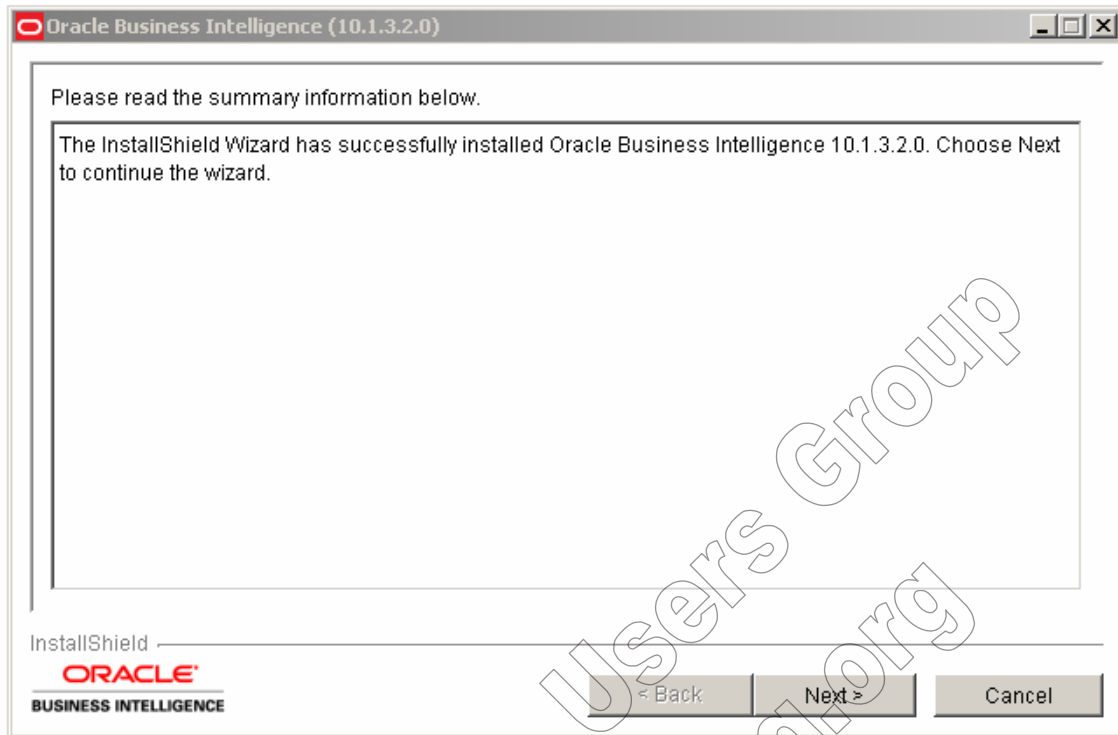


12. Durante el proceso se instala el software **Corda PopChart Engine** proveniente de **CORDA Technologies Inc.** (www.corda.com) bajo un acuerdo de **OEM (Original Equipment Manufacturer)**. **Oracle BI Presentation Services** usa este *engine* para generar los gráficos en cualquiera de los siguientes formatos: **Flash**, **SVG** (W3C Scalable Vector Graphics), **PNG** (W3C Portable Network Graphics) y **JPEG**

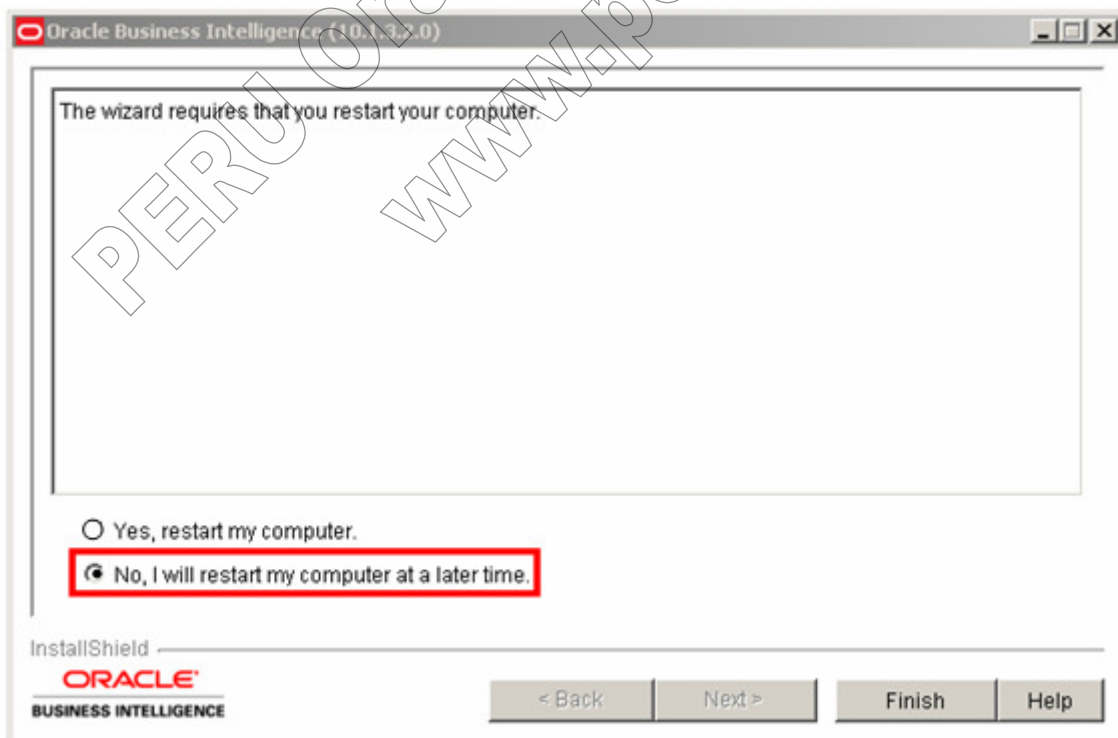


Luego de culminar la instalación se puede encontrar mayor información en la ruta **C:\OracleBI\Corda50\docs\index.html** dónde **C:\OracleBI** es la ruta de la instalación.

13. El proceso culmina y muestra un resumen acerca de la instalación



14. El asistente solicita reiniciar el servidor. Seleccionamos **No** para proceder a configurar el repositorio que debe utilizar el **BI Server**.



15. Antes de iniciar los servicios debemos revisar si existe algún repositorio (*.rpd) en el directorio **D:\OracleBI\Server\Repository**
16. Si no existe ningún repositorio y sólo para realizar una primera prueba de los servicios, podemos copiar el repositorio **paint.rpd** desde **D:\OracleBI\Server\Sample\paint.rpd**
17. Cada vez que el servicio Oracle BI Server se inicia busca el archivo **NQSConfig.ini** y carga el repositorio indicado en ese archivo.

```

#
#####
[ REPOSITORY ]
Star = paint.rpd, DEFAULT;
#####
#
# Query Result Cache Section
#
#####
[ CACHE ]
# ENABLE = YES;
ENABLE = NO;

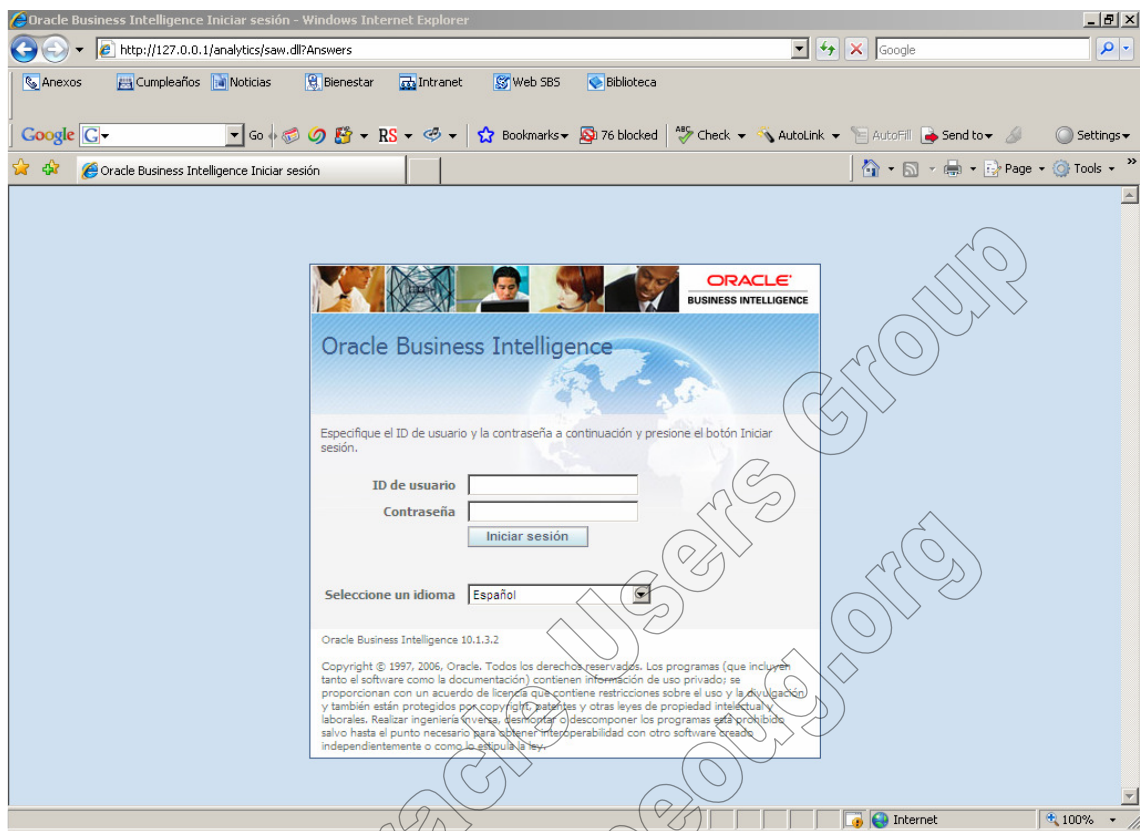
// A comma separated list of <directory maxSize> pair(s)
// e.g. DATA_STORAGE_PATHS = "d:\oracleBI\data\nqscache" 500 MB;
DATA_STORAGE_PATHS = "C:\OracleBI\data\cache" 500 MB;
MAX_ROWS_PER_CACHE_ENTRY = 100000; // 0 is unlimited size
MAX_CACHE_ENTRY_SIZE = 1 MB;
MAX_CACHE_ENTRIES = 1000;
POPULATE_AGGREGATE_ROLLUP_HITS = NO;
USE_ADVANCED_HIT_DETECTION = NO;

```

18. Procedemos a reiniciar el servidor
19. Luego de reiniciar el servidor los servicios deben quedar iniciados.

Nombre	Descripción	Estado	Tipo de inicio	Iniciar sesión como
Oracle BI Cluster Controller			Manual	Sistema local
Oracle BI Java Host		Iniciado	Automático	Sistema local
Oracle BI Presentation Server		Iniciado	Automático	Sistema local
Oracle BI Scheduler			Manual	Sistema local
Oracle BI Server		Iniciado	Automático	Sistema local

20. Ingresar a <http://127.0.0.1/analytics/saw.dll?Answers> y utilizar como **Usuario/Contraseña: Administrator/Administrator**



En la siguiente entrega crearemos un repositorio y mostraremos las principales funcionalidades de la plataforma.