

# Oracle® Fusion Middleware

Installation Guide for Oracle Team Productivity Center Server

11g Release 1 (11.1.1)

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This document provides information on:

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## 1 Oracle Team Productivity Center Server System Requirements

For the most current system requirements, please refer to the *Oracle Fusion Middleware Installation Guide for Oracle JDeveloper*.

## 2 Installing the Oracle Team Productivity Center Server

The installation software for Oracle Team Productivity Center Server is distributed as a platform-independent JAR file. Download the Oracle Team Productivity Center Server installation JAR file from the Oracle Technology Network (OTN) web site:

<http://www.oracle.com/technology/software/products/jdev/index.html>.

### 2.1 Before You Begin

Before installing the Oracle Team Productivity Center Server, take note of the following terms that will help manage the server during and after installation:

- **Client**—the set of features in Oracle JDeveloper that allow interaction with team members, selecting workitems, and otherwise tracking project development.
- **Server**—the software that manages the connections between the team's TPC features in Oracle JDeveloper and data repositories (such as a bug database, feature wiki, or directory of product features and specifications).
- **Connector**—the element that defines the data structures and user interface between Oracle Team Productivity Center and a given data repository. For example, presenting a list of bugs from the bug tracking tool in Oracle JDeveloper requires a connector to the bug tracking tool. For more information on this, see the online help for developing a connector (look up how to craft such a link).

The Oracle Team Productivity Server installation package can perform two functions:

- to perform the initial installation of the server

- to install or update connectors that the existing server installation will be able to access (such as project tracking software, or a feature/specification repository)

It is possible to install the Oracle Team Productivity Server software without installing a connector at the same time. Installing a new connector can be performed at any time after the installation of the server software.

## 2.2 Prerequisites for Installation

Before you run the installer, ensure that the following prerequisites are satisfied:

- Installation requires entering a user ID and password for the database to which Oracle Team Productivity Server is to be connected. Make sure that you have all user privileges that you require for full access to this database before beginning installation.
- Make sure to download the Oracle Team Productivity Server installation package, available from the Oracle Technology Network (OTN) web site:  
<http://www.oracle.com/technology/software/products/jdev/index.html>.

Make a note of the directory containing the downloaded installation file, called `tpcinstaller.jar`. Installation requires navigating to that directory and executing a command-line instruction to install Oracle Team Productivity Center.

Make sure the system on which Oracle Team Productivity Server is to be installed is running the latest JDK, as required by the *Oracle Fusion Middleware Installation Guide for Oracle JDeveloper*.

## 2.3 Starting the Installer

The Oracle Team Productivity Center Server installation package is a JAR file. The package can be installed on Windows, Linux, or Mac OS X platforms that meet the Oracle JDeveloper standard requirements. The installation system must also be running a Java EE application server, on which the Oracle Team Productivity Center server will run when installed.

Installation begins from the command line; after launching the installer, it will continue with a sequence of installation screens containing selections as the installer proceeds with the installation.

To start the installer:

1. Navigate to the directory containing the Oracle Team Productivity Center installation file, `tpcinstaller.jar`.
2. From a command line (that is, a Linux or DOS command shell), type the following command, substituting the installation system's `JAVA_HOME` directory where indicated:

```
set JAVA_HOME=location of java_home
```

For example, on a Windows system with JDK 1.6.0\_11 installed in the Program Files directory on the C:\ drive, the command would be:

```
set JAVA_HOME=C:\Program Files\Java\jdk1.6.0_11
```

3. When the preceding command completes and the system command-line prompt is once again visible, type the following command:

```
set PATH=%JAVA_HOME%\bin;%PATH%
```

4. When the preceding command completes and the system command-line prompt is once again visible, type the following command:

```
java -jar tpcinstaller.jar
```

This launches the Oracle Team Productivity Center installer, which proceeds with a number of screens as shown in the following section.

## 2.4 Installer Screens for Server Installation

The installer provides several screens, which specify various parameters for the installation:

### 1. Welcome

On this screen, the Oracle Team Productivity Center installer shows the list of steps you can perform.

### 2. Select Installation Type

This screen presents the option of installing the server alone, one or more connectors alone, or both the server and connectors. Select at least one of these installation elements before the installer will continue.

For the purpose of this instruction, select the checkbox labeled **Server**, then click **Next**.

Instructions for installing an Oracle Team Productivity Center connector are described in [Section 3, "Installing an Oracle Team Productivity Center Connector"](#).

### 3. Create Administrator Account

Installation requires creating an administrator account that will be used to seed the database with an Oracle Team Productivity Center user that has administrative privileges. The account name does not have to be the same as an existing Team Productivity Center account name. Be sure to follow safe, high-security password guidelines when creating your password.

Enter the desired user name, followed by the password for the account being created. Repeat the password to confirm, then click **Next**.

### 4. Specify Application Server Location

Enter a fully qualified path to the location on the Java EE application server selected to run the Oracle Team Productivity Server. It is possible to type the path, copy and paste it from another location screen, or click **Browse** to search for the path in the local file system.

For example, on a Windows system running the Oracle WebLogic server, enter the following application server location:

```
C:\<WLS_Home>\user_projects\domains\<Your_Domain>\autodeploy
```

where <fields> represent the specific path information on the installation system.

On a Windows system running the Apache Tomcat application server version 6.0.16 from the top level of its C:\ drive, enter the following application server location:

```
C:\apache-tomcat-6.0.16\webapps
```

### 5. Specify Database Connection Information

Enter the following information for this installation's database connection:

- **Connection type:**

Connect using either generic JDBC or Oracle JDBC. Selecting generic JDBC causes the installer to prompt for the driver to use.

For purposes of this installation, select **Oracle (JDBC)**

- **JDBC URL:**

Type the JDBC URL for the database connection used by this server. For example:

```
jdbc:oracle:thin:@192.0.2.1:1521:orcl
```

- **Username:**

Type the selected username for the database to which you are connecting.

- **Password:**

Type the selected user's password.

After entering all the selections, click **Next**. The Oracle Team Productivity Server installer will verify the connection before proceeding to the next step.

## 6. Installation Summary

The final screen of the installation wizard displays the key information about the installation:

- Server location
- Database details

To complete the installation, click **Finish**. The wizard then displays the installation progress.

7. After installation is complete, start JDeveloper and download and install the Oracle Team Productivity Center client extension. To download the extension in JDeveloper, click the Help menu, and then select Check for Updates. The online Help for Oracle Team Productivity Center contains instructions for the administrator on how to set up Team Productivity Center inside JDeveloper.

## 3 Installing an Oracle Team Productivity Center Connector

Installing a connector begins by launching the Oracle Team Productivity Center installer, as described in [Section 2.3, "Starting the Installer"](#). When you launch the installer, select the information from the installer screens as described below.

Note that you can also use the installer to update an Oracle Team Productivity Center connector. If you install a later version of the same connector as one that has already been installed, the installer will overwrite the earlier version and install the later version in its place.

### 3.1 Installer Screens for Connector Installation

The installer provides several screens that specify various parameters for the installation:

1. **Select Installation Type**

This screen presents the option of installing the server alone, one or more connectors alone, or both the server and connectors. Select at least one of these installation elements before the installer will continue.

For the purpose of this instruction, select the checkbox labeled **Connectors**, then click **Next**.

For information on installing an Oracle Team Productivity Center server, see [Section 2.4, "Installer Screens for Server Installation"](#).

## 2. Specify Database Connection Information

Enter the following information for the selected database connection:

- **Connection type:**

Connect using either generic JDBC or Oracle JDBC. Selecting generic JDBC makes the installer prompt for the driver to use.

For purposes of this installation, select **Oracle (JDBC)**

- **JDBC URL:**

Type the JDBC URL for the database connection. For example:

```
jdbc:oracle:thin:@192.0.2.1:1521:orcl
```

- **Username:**

Type the selected username on the database.

- **Password:**

Type the user's password.

After entering all selections, click **Next**. The Oracle Team Productivity Server installer will verify the connection before proceeding to the next step.

## 3. Select Connector Source

On this screen, specify the location of the source file for the connector. Options are to search the Oracle JDeveloper Update Centers for connectors, or to install from a local file.

**To search the Oracle JDeveloper Update Centers:**

- a. Select **Search Update Centers**.
- b. Select one or more of the update centers displayed on the screen.
- c. Click **Next**.

**To install from a local file:**

- a. Select **Install From Local File**, and then click **Next**.
- b. Enter the pathname of the connector ZIP file in the local file system. For example:

```
C:\tpc-connector-msprojectserver_bundle.zip
```

After making the selection, click **Next**.

## 4. Installation Summary

The summary screen of the installation wizard displays the key information about the installation:

- Database connection information

- Selected connectors, with the path to the ZIP or JAR file containing the connector components

Once satisfied with the data, click **Finish** to proceed with the installation. The wizard then displays the installation progress.

The installer will unpack the compressed file and make connections to the database as required to configure this connector for use. When the installer indicates that it has completed the installation, connect to the data repository for the connector. Details for using the connector are in the Oracle JDeveloper on-line help for Oracle Team Productivity Center.

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