Oracle Tuxedo Application Runtime for IMS

Installation Guide

12*c* Release 1 (12.1.1)

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ORACLE

Oracle Tuxedo Application Runtime for IMS Installation Guide, 12*c* Release 1 (12.1.1)

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Oracle Tuxedo Application Runtime for IMS Installation Guide

This chapter contains the following topics:

- Overview
- System Requirements
- Supported Platforms
- Installing on UNIX Platforms in Graphics Mode
- Installing on UNIX Platforms in Console Mode
- Installing on UNIX Platforms in Silent Mode

Overview

Oracle Tuxedo Application Runtime for IMS (Tuxedo ART for IMS) software is distributed as an installer file which can be executed on UNIX platforms using any of the following three methods:

- Graphical user interface (GUI) installation.
- Console installation.
- Silent installation.

The Tuxedo ART for IMS 12c Release 1 (12.1.1) distribution contains the following key components:

- Tuxedo ART for IMS administrative utilities
- Tuxedo ART for IMS sample applications (optionally installed)

Tuxedo ART for IMS is installed in the `<ORACLEHOME>/artims12110` directory by default.

System Requirements

- JRE version 1.5.0 or above

Supported Platforms

- AIX 6.1 64-bit on Power
- Linux 64-bit on x86_64 (Oracle Enterprise Linux 5.4 or Redhat Linux 5)
- Oracle Linux 5.6 (64-bit) on Exalogic 2.0
- Oracle Linux 5.6 (64-bit) on Non Exalogic Hardware
- Solaris 10 64-bit on Sparc

Installing on UNIX Platforms in Graphics Mode

To run GUI-mode installation, the computer console where you are installing the software must support a Java-based GUI.

To install the Tuxedo ART for IMS software on UNIX systems in graphics mode, do the six following steps:

1. Launch the Tuxedo ART for IMS installation program.
   a. Log on as root or another user with sufficient permissions.
   b. Execute the installation program: `./installer_name.bin`

   The Introduction screen appears.
2. Click ***Next*** to proceed with the installation. The Choose Oracle Home Directory screen appears.You can select from the following options:
   a. Choose existing Oracle Home directory

Click the ***Choose an Oracle Home directory*** option button if you already have one or more Oracle Home directories on your system. Select an Oracle Home directory from the list displayed to the right of the option buttons.

All valid Oracle Home directories are displayed in this list. Valid Oracle Home directories are directories where Oracle products have been installed using the standard installation program.

b. Specify Oracle Home directory

Click the ***Specify an Oracle Home directory*** button to enter a valid directory.

Note: Tuxedo ART for IMS installation will report an error and will not proceed in the event of the following:

If an existing Tuxedo ART for IMS 12c Release 1 (12.1.1) installation is detected, you are prompted to overwrite it or not. Select "***yes***" to overwrite the existing installation.

3. Click ***Next*** to proceed with the installation. The Choose Install Folder screen appears.

   If the selected Oracle Home does not have Tuxedo ART for IMS 12.1.1.0 installed, you can modify the default install directory; otherwise the detected directory name is suggested. The default install directory is `<ORACLEHOME>/artims12110`**.**

4. Click ***Next*** to proceed with the installation. The Sample Install Confirm screen appears.

   You are prompted to choose install samples or not.

5. If the installation process continues, the Pre-Installation Summary screen appears.

   Review the summary information and click ***Install*** if the information is correct.

   Click ***Previous*** to go back and modify any input that you want to change.

   Click ***Cancel*** to terminate the installation process. This is the last chance you have to cancel your installation without copying any files on your target machine.

6. The Install Complete screen appears when the installation is finished.

   Click ***Done*** to exit the installation program.

Uninstall GUI Mode

Under `<INSTALL_DIR>`, there is a directory named 'uninstaller' which contains the uninstaller and resources specific to the un-installation of the product. To uninstall Tuxedo ART for IMS 12.1.1.0 in GUI mode, use the `./uninstall` command.

Installing on UNIX Platforms in Console Mode

To install Tuxedo ART for IMS software in console mode on a certified UNIX platform, do the following steps:

1. Log on as root or another user with sufficient permissions.
2. Execute the installation program in character-based mode: `./installer_name.bin -i console`
3. The installation program runs and prompts you for responses as shown in Listing 1.

Listing 1 Installation Program

```
Preparing to install...
Extracting the JRE from the installer archive...
Unpacking the JRE...
Extracting the installation resources from the installer archive...
Configuring the installer for this system's environment...

Launching installer...

Preparing CONSOLE Mode Installation...

===============================================================================
=====
Introduction
------------

InstallAnywhere will guide you through the installation of

Oracle Tuxedo Application Runtime for IMS 12.1.1.0.

It is strongly recommended that you quit all programs before continuing with
this installation.

Respond to each prompt to proceed to the next step in the installation. If
you want to change something on a previous step, type 'back'.
```

```
You may cancel this installation by typing 'quit'.

WARNING: "Quitting" creates an incomplete Oracle Tuxedo Application Runtime
for IMS 12.1.1.0 installation.You must re-install Oracle Tuxedo Application
Runtime for IMS 12.1.1.0.

===============================================================================
=====
Choose Oracle Home
---------------------------

    1- Choose existing Oracle Home directory

    2- Specify Oracle Home directory

Enter a number: 2
Specify an Oracle Home directory: /home/user/oracle


===============================================================================
=====

Choose Product Directory

---------------------

    1- Modify Current Selection (/home/user/oracle/artims12110)

    2- Use Current Selection (/home/user/oracle/artims12110)


Enter a number: 2



===============================================================================
=====
Sample Install Confirm

---------------------

Install Samples?
```

```
          ->1- No
            2- Yes
ENTER THE NUMBER OF THE DESIRED CHOICE, OR PRESS <ENTER> TO ACCEPT THE
DEFAULT:
================================================================================
=====
Pre-Installation Summary
------------------------

Please Review the Following Before Continuing:

Product Name:
       Oracle Tuxedo Application Runtime for IMS 12.1.1.0

Install Folder:
    /home/user/oracle/artims12110

Link Folder:
     /local/home/dxf

Required Space:
     83036116 bytes


Available Space:
     23126462464 bytes


PRESS <ENTER> TO CONTINUE:

================================================================================
=====
Installing...
-------------
=====
Installation Complete
---------------------
```

```
Congratulations. Oracle Tuxedo Application Runtime for IMS 12.1.1.0 has been
successfully installed to:
/home/user/oracle/artims12110

PRESS <ENTER> TO EXIT THE INSTALLER:
```

Uninstall Console Mode

Under the `<INSTALL_DIR>`, there is a directory named 'uninstaller', which contains the uninstaller and resources specific to the un-installation of the product. To uninstall Tuxedo ART for IMS in console mode, use the `./uninstall -i console` command.

About to uninstall screen: appears to prompt user the un-installation of the product starts.

```
       Uninstall Oracle Tuxedo Application Runtime for IMS 12.1.1.0

       ----------------

       About to uninstall...

       Oracle Tuxedo Application Runtime for IMS 12.1.1.0

       This will remove features installed by InstallAnywhere. It will not
remove files and folders created after the installation.

              PRESS <ENTER> TO CONTINUE:
```

Uninstall screen: This screen simply shows the uninstall procedure item by item.

```
       Uninstalling ...

       ---------------

       ************************

       ************************

       ************************

       ************************

       ...*
```

```
        Uninstall Complete screen: After un-installation finishes, this
screen appears, and reports the un-installation summary.

        Uninstall Complete

        ------------------

        All items were successfully Uninstall.
```

Installing on UNIX Platforms in Silent Mode

Preparing for Silent Mode Installation

Before you install Tuxedo ART for IMS, complete the following tasks:

- Verify that enough disk space is available.
- Verify the login ID has proper permission for silent installation.
- Create a template file containing the required keyword settings.

Creating a Silent Mode Installation Template File

To create a template file for use in the silent installation process, you must use keywords as shown in Table 1.

Table 1 Silent Mode Installation Template File

For This Keyword…	Enter The Following Value…
`INSTALLER_UI=`	The mode of installation. The only supported value is `silent`; do not modify this value.
`ORACLEHOME=`	The full pathname of the Oracle Home directory of your choice.
`USER_INSTALL_DIR`	The full pathname of the installation directory.
`INSTALL_SAMPLES=Y|N`	Specifies whether sample applications are installed or not.
`OVERWRITE=Y|N`	If you are using silent mode installation over an existing version of Tuxedo ART for IMS, you must add this line to your template file. Any value other than "`Y`" or "y" will not overwrite the existing Tuxedo ART for IMS version and cancels the installation.

Sample UNIX Template

```
INSTALLER_UI=silent

ORACLEHOME=/home/user/oracle

USER_INSTALL_DIR=/home/user/oracle/artims12110

INSTALL_SAMPLES=Y

OVERWRITE=Y
```

Installing in Silent Mode

To use silent mode installation on a UNIX system, you must do the following steps:

1. Create a file containing the required variables set to valid data.
2. At the command line prompt, go to the directory containing the installer executable.
3. Enter the following command: `./installer_name.bin -f path/installer.data`

   Note: `path` is the full path to the variable data file and `installer.data` is the data file containing the required variables.

Verifying Silent Mode Installation

You can verify successful silent mode installation by checking the installation directory to see if all the Tuxedo ART for IMS binaries are listed.

If silent mode installation fails, check the following log file:
$`HOME/ARTIMS_silent_install.log`.

Uninstall Silent Installation

Under `<INSTALL_DIR>` there is a directory named 'uninstaller', which contains the uninstaller and resources specific to the un-installation of the product. To uninstall Tuxedo ART for IMS in silent mode, use the `./uninstall -i silent` command.

See Also

- Oracle Tuxedo Application Runtime for IMS Users Guide
- Oracle Tuxedo Application Runtime for IMS Reference Guide

Supported Platforms

Table A-1 lists Oracle Tuxedo Application Runtime for IMS 12*c* Release 1 (12.1.1) supported platforms.

Table A-1 Oracle Tuxedo Application Runtime for IMS 12*c* Release 1 (12.1.1) Supported Platforms

Platform	GA Port/ Post-GA Port & Certification	Release Date	OS EOL Date
IBM AIX 6.1 (64-bit) on IBM PowerPC	GA	2012.08	TBD
IBM AIX 7.1 (64-bit) on IBM PowerPC	GA	2012.08	TBD
Novell SUSE Linux Enterprise Server 10 SP2 (64-bit) on s390x	Post-GA	2014.01	TBD
Novell SUSE Linux Enterprise Server 11 (64-bit) on x86-64	GA	2012.08	TBD
Oracle Enterprise Linux 5.6 (64-bit) on x86-64	GA	2012.08	TBD
Oracle Linux 5.6 (64-bit) on Exalogic 2.0	GA	2012.08	TBD
Oracle Solaris 10 (64-bit) on SPARC	GA	2012.08	TBD
Oracle Solaris 11 (64-bit) on SPARC	GA	2012.08	TBD

Table A-1 Oracle Tuxedo Application Runtime for IMS 12*c* Release 1 (12.1.1) Supported Platforms

Platform	GA Port/ Post-GA Port & Certification	Release Date	OS EOL Date
Red Hat Enterprise Linux 5.6 (64-bit) on x86-64	GA	2012.08	TBD
Red Hat Enterprise Linux 6.3 (64-bit) on s390x	Post-GA	2014.01	TBD

Supported Platform Data Sheets

IBM AIX 6.1 (64-bit) on IBM PowerPC

The software requirements for AIX 6.1 (64-bit) on IBM PowerPC are as follows:

- MicroFocus COBOL 5.1/COBOL-IT Enterprise Edition 3.3.13
- IBM XL C/C++ Enterprise Edition V10 or V11 for AIX or later compatible versions

IBM AIX 7.1 (64-bit) on IBM PowerPC

The software requirements for AIX 7.1 (64-bit) on IBM PowerPC are as follows:

- MicroFocus COBOL 5.1/COBOL-IT Enterprise Edition 3.3.13
- IBM XL C/C++ Enterprise Edition V10 or V11 for AIX or later compatible versions

Novell SUSE Linux Enterprise Server 10 SP2 (64-bit) on s390x

The software requirements for SUSE Linux Enterprise Server 10 SP2 (64-bit) on s390x are as follows:

- MicroFocus COBOL 5.1/COBOL-IT Enterprise Edition 3.3.13
- gcc 4.1.2

Novell SUSE Linux Enterprise Server 11 (64-bit) on x86-64

The software requirements for Novell SUSE Linux Enterprise Server 11 (64-bit) on x86-64 are as follows:

- MicroFocus COBOL 5.1/COBOL-IT Enterprise Edition 3.3.13
- gcc 4.3.2

Oracle Enterprise Linux 5.6 (64-bit) on x86-64

The software requirements for Oracle Enterprise Linux 5.6 (64-bit) on x86-64 are as follows:

- MicroFocus COBOL 5.1/COBOL-IT Enterprise Edition 3.3.13
- gcc 4.1.2

Oracle Linux 5.6 (64-bit) on Exalogic 2.0

The software requirements for Oracle Linux 5.6 (64-bit) on Exalogic 2.0 are as follows:

- MicroFocus COBOL 5.1/COBOL-IT Enterprise Edition 3.3.13
- gcc 4.1.2

Oracle Solaris 10 (64-bit) on Sparc

The software requirements for Oracle Solaris 10 (64-bit) on Sparc are as follows:

- MicroFocus COBOL 5.1/COBOL-IT Enterprise Edition 3.3.13
- C/C++ Sun Studio 12

Oracle Solaris 11 (64-bit) on Sparc

The software requirements for Oracle Solaris 11 (64-bit) on Sparc are as follows:

- MicroFocus COBOL 5.1/COBOL-IT Enterprise Edition 3.3.13
- C/C++ Sun Studio 12

Red Hat Enterprise Linux 6.3 (64-bit) on s390x

The software requirements for Red Hat Enterprise Linux 6.3 (64-bit) on s390x are as follows:

- MicroFocus COBOL 5.1/COBOL-IT Enterprise Edition 3.3.13
- gcc 4.4.6

Red Hat Enterprise Linux 5.6 (64-bit) on x86-64

The software requirements for Red Hat Enterprise Linux 5.6 (64-bit) on x86-64 are as follows:

- MicroFocus COBOL 5.1/COBOL-IT Enterprise Edition 3.3.13
- gcc 4.1.2