

PROGRESS[®] ORBIX[®]

Core Services Installation Guide

Version 3.3, Service Pack 11, March 2012

Progress Orbix v3.3.11

© 2012 Progress Software Corporation and/or its subsidiaries or affiliates. All rights reserved.

These materials and all Progress® software products are copyrighted and all rights are reserved by Progress Software Corporation. The information in these materials is subject to change without notice, and Progress Software Corporation assumes no responsibility for any errors that may appear therein. The references in these materials to specific platforms supported are subject to change.

Actional, Apama, Artix, Business Empowerment, Business Making Progress, Corticon, Corticon (and design), DataDirect (and design), DataDirect Connect, DataDirect Connect64, DataDirect Technologies, DataDirect XML Converters, DataDirect XQuery, DataXtend, Dynamic Routing Architecture, Empowerment Center, Fathom, Fuse Mediation Router, Fuse Message Broker, Fuse Services Framework, IONA, Making Software Work Together, Mindreef, ObjectStore, OpenEdge, Orbix, PeerDirect, Powered by Progress, PowerTier, Progress, Progress DataXtend, Progress Dynamics, Progress Business Empowerment, Progress Empowerment Center, Progress Empowerment Program, Progress OpenEdge, Progress Profiles, Progress Results, Progress Software Business Making Progress, Progress Software Developers Network, Progress Sonic, ProVision, PS Select, RulesCloud, RulesWorld, Savvion, SequeLink, Shadow, SOAPscope, SOAPStation, Sonic, Sonic ESB, SonicMQ, Sonic Orchestration Server, SpeedScript, Stylus Studio, Technical Empowerment, WebSpeed, Xcalia (and design), and Your Software, Our Technology-Experience the Connection are registered trademarks of Progress Software Corporation or one of its affiliates or subsidiaries in the U.S. and/or other countries. AccelEvent, Apama Dashboard Studio, Apama Event Manager, Apama Event Modeler, Apama Event Store, Apama Risk Firewall, AppsAlive, AppServer, ASPen, ASP-in-a-Box, BusinessEdge, Cache-Forward, CloudEdge, DataDirect Spy, DataDirect SupportLink, Fuse, FuseSource, Future Proof, GVAC, High Performance Integration, ObjectStore Inspector, ObjectStore Performance Expert, OpenAccess, Orbacus, Pantero, POSSE, ProDataSet, Progress Arcade, Progress CloudEdge, Progress Cloudware, Progress Control Tower, Progress ESP Event Manager, Progress ESP Event Modeler, Progress Event Engine, Progress RFID, Progress RPM, Progress Responsive Cloud, Progress Responsive Process Management, Progress Software, PSE Pro, SectorAlliance, SeeThinkAct, Shadow z/Services, Shadow z/Direct, Shadow z/Events, Shadow z/Presentation, Shadow Studio, SmartBrowser, SmartComponent, SmartDataBrowser, SmartDataObjects, SmartDataView, SmartDialog, SmartFolder, SmartFrame, SmartObjects, SmartPanel, SmartQuery, SmartViewer, SmartWindow, Sonic Business Integration Suite, Sonic Process Manager, Sonic Collaboration Server, Sonic Continuous Availability Architecture, Sonic Database Service, Sonic Workbench, Sonic XML Server, The Brains Behind BAM, WebClient, and Who Makes Progress are trademarks or service marks of Progress Software Corporation and/or its subsidiaries or affiliates in the U.S. and other countries. Java is a registered trademark of Oracle and/or its affiliates. Any other marks contained herein may be trademarks of their respective owners.

Third Party Acknowledgements: One or more products in the Progress Orbix v3.3.11 release includes third party components covered by licenses that require that the following documentation notices be provided:

Progress Orbix v3.3.11 incorporates OpenSSL/SSLey v0.9.8.i technology from OpenSSL.org. Such Technology is subject to the following terms and conditions: LICENSE ISSUES

The OpenSSL toolkit stays under a dual license, i.e. both the conditions of the OpenSSL License and the original SSLey license apply to the toolkit. See below for the actual license texts. Actually both licenses are BSD-style Open Source licenses. In case of any license issues related to OpenSSL please contact openssl-core@openssl.org.

OpenSSL License

Copyright (c) 1998-2008 The OpenSSL Project. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgment:

"This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)"

4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact openssl-core@openssl.org.
5. Products derived from this software may not be called "OpenSSL" nor may "OpenSSL" appear in their names without prior written permission of the OpenSSL Project.
6. Redistributions of any form whatsoever must retain the following acknowledgment:

"This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)"

THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com).
This product includes software written by Tim Hudson (tjh@cryptsoft.com).

Original SSLeay License

Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com) All rights reserved. This package is an SSL implementation written by Eric Young (eay@cryptsoft.com). The implementation was written so as to conform with Netscapes SSL. This library is free for commercial and non-commercial use as long as the following conditions are adhered to. The following conditions apply to all code found in this distribution, be it the RC4, RSA, lhash, DES, etc., code; not just the SSL code. The SSL documentation included with this distribution is covered by the same copyright terms except that the holder is Tim Hudson (tjh@cryptsoft.com).

Copyright remains Eric Young's, and as such any Copyright notices in the code are not to be removed. If this package is used in a product, Eric Young should be given attribution as the author of the parts of the library used. This can be in the form of a textual message at program startup or in documentation (online or textual) provided with the package. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement:

"This product includes cryptographic software written by Eric Young (eay@cryptsoft.com)"
The word 'cryptographic' can be left out if the routines from the library being used are not cryptographic related :-).

4. If you include any Windows specific code (or a derivative thereof) from the apps directory (application code) you must include an acknowledgement:

"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The licence and distribution terms for any publically available version or derivative of this code cannot be changed. i.e. this code cannot simply be copied and put under another distribution licence [including the GNU Public Licence.]

Progress Orbix v3.3.11 incorporates mcpp v2.6.4 from SourceForge (<http://sourceforge.net/softwaremap/index.php>). Such technology is subject to the following terms and conditions: Copyright (c) 1998, 2002-2007 Kiyoshi Matsui kmatsui@t3.rim.or.jp All rights reserved. This software including the files in this directory is provided under the following license. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Progress Orbix v3.3.11 incorporates IDL Compiler Front End v1.0 from Sun Microsystems. Such technology is subject to the following terms and conditions: COPYRIGHT NOTICE on OMG IDL CFE: Copyright 1992 Sun Microsystems, Inc. Printed in the United States of America. All Rights Reserved. This product is protected by copyright and distributed under the following license restricting its use. The Interface Definition Language Compiler Front End (CFE) is made available for your use provided that you include this license and copyright notice on all media and documentation and the software program in which this product is incorporated in whole or part. You may copy and extend functionality (but may not remove functionality) of the Interface Definition Language CFE without charge, but you are not authorized to license or distribute it to anyone else except as part of a product or program developed by you or with the express written consent of Sun Microsystems, Inc. ("Sun"). The names of Sun Microsystems, Inc. and any of its subsidiaries or affiliates may not be used in advertising or publicity pertaining to distribution of Interface Definition Language CFE as permitted herein. This license is effective until terminated by Sun for failure to comply with this license. Upon termination, you shall destroy or return all code and documentation for the Interface Definition Language CFE. The Interface Definition Language CFE may not be exported outside the United States without first obtaining the appropriate government approvals. INTERFACE DEFINITION LANGUAGE CFE IS PROVIDED AS IS WITH NO WARRANTIES OF ANY KIND INCLUDING THE WARRANTIES OF DESIGN, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT, OR ARISING FROM A COURSE OF DEALING, USAGE OR TRADE PRACTICE. INTERFACE DEFINITION LANGUAGE CFE IS PROVIDED

WITH NO SUPPORT AND WITHOUT ANY OBLIGATION ON THE PART OF Sun OR ANY OF ITS SUBSIDIARIES OR AFFILIATES TO ASSIST IN ITS USE, CORRECTION, MODIFICATION OR ENHANCEMENT. SUN OR ANY OF ITS SUBSIDIARIES OR AFFILIATES SHALL HAVE NO LIABILITY WITH RESPECT TO THE INFRINGEMENT OF COPYRIGHTS, TRADE SECRETS OR ANY PATENTS BY INTERFACE DEFINITION LANGUAGE CFE OR ANY PART THEREOF. IN NO EVENT WILL SUN OR ANY OF ITS SUBSIDIARIES OR AFFILIATES BE LIABLE FOR ANY LOST REVENUE OR PROFITS OR OTHER SPECIAL, INDIRECT AND CONSEQUENTIAL DAMAGES, EVEN IF SUN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013 and FAR 52.227-19. Sun, Sun Microsystems and the Sun logo are trademarks or registered trademarks of Sun Microsystems, Inc. SunSoft, Inc. 2550 Garcia Avenue Mountain View, California 94043

Updated: 07-Mar-2012

Contents

Chapter 1 Installing Orbix 3.3 SP 11 Core Services	9
Introduction	11
Prerequisites to Installing Orbix 3.3 SP 11	15
Installing Orbix 3.3 SP 11 without the GUI	19
Installing Orbix 3.3 SP 11 with the GUI	21
Verifying your Installation	23
Uninstalling Orbix 3.3 SP 11 Core Services	27
Further Information	29

CONTENTS

Installing Orbix 3.3 SP 11 Core Services

This document provides instructions for installing Orbix 3.3 SP 11 Core Services on Microsoft Windows, Red Hat Enterprise Linux, Sun Solaris, IBM AIX, and HP-UX. For details of installing Orbix 3.3 SP 11 on other platforms, see the Orbix 3.3 SP 11 Installation Guide.

In this document

This chapter discusses the following topics:

Introduction	page 11
Prerequisites to Installing Orbix 3.3 SP 11	page 15
Installing Orbix 3.3 SP 11 without the GUI	page 19
Installing Orbix 3.3 SP 11 with the GUI	page 21
Verifying your Installation	page 23
Uninstalling Orbix 3.3 SP 11 Core Services	page 27
Further Information	page 29

Introduction

Introduction

Orbix 3.3 SP 11 Core Services includes Orbix Java Edition, Orbix C++ Edition, and OrbixNames. Orbix 3.3 SP 11 Core Services is available on the following platforms:

- Windows XP
- Windows 2003 Server
- Windows Vista
- Windows 2008 Server
- Windows 2008 Server R2
- Windows 7
- Red Hat Enterprise Linux 5
- Solaris 9
- Solaris 10 x86_64
- AIX 6.1
- HP-UX Itanium

Note: For details of installing Orbix 3.3 SP 11 on other platforms, see the *Orbix 3.3 SP 11 Installation Guide*.

Product components

Orbix 3.3 SP 11 Core Services is comprised of the following:

- Development platform for Java
- Development platform for C++
- OrbixNames

The full Orbix product includes additional components such as OrbixOTS, Orbix WonderWall, Orbix Code Generation Toolkit, and OrbixEvents. For more details, see the *Orbix 3.3 SP 11 Release Notes*.

JRE requirements

The Orbix 3.3 SP 11 installation was built with InstallAnywhere, which is a Java application. The installer requires a JRE (Java Runtime Environment). You should provide the JRE yourself (see “[Installation prerequisites](#)” on page 15), or use a pre-installed JRE or JDK before launching the installer.

Installation steps

To install Orbix 3.3 SP 11, perform the following steps:

- Determine your installation type.
 - Check the prerequisites for installing Orbix 3.3 SP 11.
 - Install Orbix 3.3 SP 11 on your host machine.
 - Verify your installation.
-

Before you begin your installation

Before installing Orbix 3.3 SP 11, it is recommended that you read the *Orbix 3.3 SP 11 Release Notes*.

Note: Orbix 3.3 SP 11 cannot be installed on machines that do not support 256 (8 bit) colors. This is because the Orbix installer is built on the Java platform, which does not support 16 colors.

Note: When installing Orbix 3.3 SP 11 using PCAnywhere (over a remote client), the display resolution must be of type VGA (640 x 480).

Orbix 3.3 SP 11 license codes

You must have a valid license code to install Orbix 3.3 SP 11 Java Edition, Orbix 3.3 SP 11 C++ Edition, and OrbixNames. The code is a long numeric string taking the general form:

```
00000000-11111111-22222222-33333333-44444444
```

Your license code should be included in a loose sheet in your Orbix 3.3 SP 11 pack. Otherwise, as Orbix 3.3 SP 11 is a service pack release of Orbix 3.3, the license codes provided for Orbix 3.3 are valid for Orbix 3.3 SP 11. If you do not have any license codes, please contact Support before proceeding any further.

Determine your installation type

Orbix 3.3 SP 11 comprises two product sets:

- Orbix 3.3 SP 11 Java Edition
- Orbix 3.3 SP 11 C++ Edition

You can purchase the Java Edition and the C++ Edition separately or together.

Component	Java Edition	C++ Edition
Development Platform for Java	Enabled	-
Development Platform for C++	-	Enabled

Prerequisites to Installing Orbix 3.3 SP 11

Existing Orbix installations

If you install Orbix 3.3 SP 11 in the same location as an existing Orbix installation, the existing installation is overwritten. If you have an older version of Orbix on your system and you do not want it overwritten, you should install Orbix 3.3 SP 11 in a new location on your file system.

Installation prerequisites

The installation prerequisites are as follows:

Prerequisite	Notes
Privileges	<p>General</p> <p>To install in a non-default location, you must have permission to create files and directories in that location.</p> <p>UNIX</p> <p>To install into the default location, UNIX users must have root privileges.</p>
UNIX DISPLAY	<p>The installer was built using InstallAnywhere, which is a GUI application. To install without the GUI, see “Installing Orbix 3.3 SP 11 without the GUI” on page 19.</p> <p>For a GUI application to run on UNIX, you need to install on a UNIX host with X and a windowing environment configured. Ensure your display environment variable is set to the workstation you are logged into. For example, set the following environment variable, substituting the full Domain Name System (DNS) name of your workstation for <code>imaginary.dublin.mycorp.ie</code>:</p> <pre>export DISPLAY=imaginary.dublin.mycorp.ie:0.0</pre> <p>Contact your system administrator if you require assistance.</p>

Prerequisite	Notes
JRE	<p>The installer was built using InstallAnywhere, which is a Java application, and requires a JRE (Java Runtime Environment). You must provide the location of the JRE for the installation to run.</p> <p>You need access on all platforms to an existing JRE (or JDK). Alternatively, you should obtain and install the JRE yourself on your system before running the installer. When installing a JRE, install all required patches on all platforms.</p>
Domain name	<p>The installer requires your domain name for Orbix 3.3 SP 11 configuration. The Domain Name System (DNS) to resolve Internet or UNIX computer names. Contact your network administrator to obtain the domain name for your TCP/IP internet prior to installing Orbix 3.3 SP 11.</p>

CD-ROM location of installers

The Orbix 3.3 Core services SP 11 installers on the CD-ROM are located in a specific directory for each platform. Browse the CD-ROM to find the installer for your platform.

Mounting the CD-ROM

The following example commands can be used to mount the CD-ROM:

Platform	Command
Windows	No command required
Linux	<code>mount -t iso9660 /dev/cdrom /cdrom</code>
Solaris	<code>mount -r -F hsfs /dev/c0t0d0s2 /cdrom</code>
AIX	<code>mount -o ro -v cdrfs /dev/cd0 /cdrom</code>
HP-UX	<code>mount -t cdfs -o cdcase /dev/dsk/c3t2d0 /cdrom</code>

The commands used to mount the CD-ROM will vary depending on your system configuration. For example, `/cdrom` might need to be replaced with a different mount point. Contact your system administrator if you require assistance.

In addition, you can simplify this process using tools such as vold on Solaris and Linux, or smitty on AIX.

Operating systems and compilers

Please refer to the following web page for latest information on platforms supported by Orbix 3.3 SP 11:

http://web.progress.com/orbix/supported_platforms.html

Disk space requirements

The following table lists the approximate amount of disk space taken up by the Orbix 3.3 SP 11 Core Services files. The installer also requires approximately 50MB of temporary work space.

Component	Linux	Windows
Development Environment for Java & C++	125MB	140MB
Documentation	75MB	75MB

Default location

The default location of your Orbix 3.3 installation is as follows:

Platform	Default Location
UNIX main installation	/opt/progress/orbix33
Windows	C:\Program Files\Progress\Orbix 3.3 SP11 for Windows

Note: Orbix 3.3 SP 11 installs in a fixed location relative to the path you specify. Installing in locations with spaces in their directory names is not recommended.

Note: When installing Orbix 3.3 SP 11 on Windows in a folder protected by UAC, please ensure that the appropriate access permissions are granted on the Orbix installation folder.

Installing Orbix 3.3 SP 11 without the GUI

Overview

Installing Orbix 3.3 SP 11 in silent install mode allows you to run the installer without using the GUI. The silent mode installer looks to a template file that provides the required information.

Installing in silent mode

To install in silent mode, specify the following:

```
$ ./install.bin -f /path/to/template.file
```

Where `template.file` includes the following information.

```
##Specimen properties with operating system licence codes.
##-----
##C++ and Java
##-----
##Specify the directory where you want Orbix 3.3 SP 11 installed
USER_INSTALL_DIR=/local/install/dir
##Specify the location of your Java Developemnt Kit
JAVA_LOCATION=/local/java/install/dir
JAVA_VERSION=1.5
INSTALLER_UI=SILENT
##Specify the components of Orbix you want to install
PRODUCTS="Orbix 3.3 - Java Edition and C++ Edition"
## Specify your licence key: c++ and java
LICENCE_KEY_1=<Licence Key1>
LICENCE_KEY_2=<Licence Key2>
##Specify the domain for the installation
DOMAIN=emea.progress.com
##-----
```

Installing Orbix 3.3 SP 11 with the GUI

Overview

This section describes how to install Orbix 3.3. SP 11 using the GUI installer, which is based on InstallAnywhere.

Installation steps

To install Orbix 3.3. SP 11 using the GUI, perform the following steps:

1. In the **Select Product** screen, select the Orbix 3.3 SP 11 product set that you have purchased (for example, Orbix 3.3 Java Edition). Click **Next** to continue.
2. In the **License Information** screen, enter the license code(s) that you have purchased in the appropriate text field(s). Click **Next** to continue. The license keys requested here depend on the product set you selected in the previous screen.
3. In the **License Agreement** screen, click **Yes** to agree to the terms of the License Agreement, and click **Next** to continue.
4. In the **Choose Orbix Installation Folder** screen, enter the file location that you wish to install Orbix 3.3 SP 11 into (for example, `C:\progress`). Click **Next** to continue.

Note: You must have permission to create files and directories in this location.

5. In the **Domain Information** screen, enter your domain name, and click **Next** to continue.
6. In the **JDK Configuration** screen, enter the location of your Java Development Kit. This is not required for Orbix 3.3 SP 11 C++ Edition. Click **Install** to continue.
7. A progress bar is displayed while the files are installed.
8. After the installation is complete, the Orbix welcome page launches automatically.

9. In the **Reboot Computer** screen, choose whether to restart your computer now or later.
10. The **Install Complete** screen is displayed to confirm that the installation is finished. Click **Done** to finish the installation.

Verifying your Installation

Configuration checks

When the installation is complete, follow these steps to ensure correct operation:

1. Check the contents of the Orbix configuration files, to ensure that the specified directory paths and domain name match those for your site.

Platform	Location
UNIX	\$ORBIX_ROOT/config/iona.cfg \$ORBIX_ROOT/config/common.cfg \$ORBIX_ROOT/config/orbix3.cfg \$ORBIX_ROOT/config/orbixweb3.cfg \$ORBIX_ROOT/config/orbixnames3.cfg
Windows	%ORBIX_ROOT%\config\iona.cfg %ORBIX_ROOT%\config\common.cfg %ORBIX_ROOT%\orbix3.cfg %ORBIX_ROOT%\orbixweb3.cfg %ORBIX_ROOT%\orbixnames3.cfg

2. Read the *Orbix 3.3 SP 11 Core Services Release Notes*.
3. Before running the Orbix daemon or the Orbix Java activator from a terminal or command shell, run the supplied scripts that set the following environment variables:

```
IT_CONFIG_PATH
ORBIX_ROOT
JAVAHOME
PATH
```

To run these scripts, type the following commands in a terminal:

Platform	Command
UNIX	\$ORBIX_ROOT/setenvs.sh (or setenvs.csh)
Windows	%ORBIX_ROOT%\setenvs.bat

Testing your Orbix 3.3 SP 11 Java Edition installation

To ensure that your installation is fully operational, change directory to the `demos` directory of your Orbix 3.3 SP 11 Core Services installation. For example:

Platform	Location	Make command
UNIX	<code>\$ORBITX_ROOT/demos/common/jumpstart/basic/java</code>	<code>make</code>
Windows	<code>%ORBITX_ROOT%\demos\common\jumpstart\basic\java</code>	<code>make</code>

Read the `index.html` file for instructions to run the demonstration program.

Testing your Orbix 3.3 SP 11 C++ Edition installation

To ensure that your installation is fully operational, change directory to the `demos` directory of your Orbix 3.3 SP 11 Core Services installation. For example:

Platform	Location	Make command
UNIX	<code>\$ORBITX_ROOT/demos/common/jumpstart/basic/cxx</code>	<code>make</code>
Windows	<code>%ORBITX_ROOT%\demos\common\jumpstart\basic\cxx</code>	<code>make</code>

Read the `index.html` file for instructions to run the demonstration program.

Reinstalling the license code

If the licensed applications fail to run (for example, `orbixd`, `idl`, `idlj`), you may have made an error in entering your license authorization code.

You can reinstall the licence by changing to the `bin` directory of your Orbix 3.3 SP 11 Core Services installation, and typing the following line, using your authorization code as shown in the following example:

Platform	Command
UNIX	<code>install_license orbixd LicenceCode</code>
Windows	<code>license.exe orbixd LicenceCode</code>

You should replace `orbixd` with the filename of the application that fails to run, and replace `LicenceCode` with your licence authorization code.

The following Orbix 3.3 SP 11 application files are enabled by the corresponding product license authorization codes:

Application	Java Edition code	C++ Edition code
<code>orbixd</code> - Orbix C++ Daemon	Code enables	Code enables
<code>idl</code> - Orbix C++ IDL compiler	-	Code enables
<code>idlj</code> - Orbix Java IDL compiler	Code enables	-

Structure of installed directories

A complete installation of Orbix 3.3 SP 11 Core Services has the following directory structure in the installation location:

Directory	Description
<code>\bin</code>	Binary images for all components
<code>\config</code>	Repositories and configuration files for all components
<code>\contrib</code>	Utilities contributed by Orbix engineers and partners
<code>\demos</code>	Demonstrations for all components
<code>\docs</code>	Links to the latest information on Orbix 3.3 SP 11
<code>\idl</code>	IDL files
<code>\include</code>	Header files
<code>\lib</code>	Development libraries
<code>\tools</code>	GUI tools
<code>\UninstallOrbix</code>	Files for uninstalling Orbix 3.3 SP 11

Uninstalling Orbix 3.3 SP 11 Core Services

Uninstalling Orbix

To uninstall Orbix 3.3 SP 11 Core Services, run the `UninstallOrbix` file in the `UninstallOrbix` directory of your Orbix installation. Examples are as follows:

Platform	Uninstall script
UNIX	<code>\$ORBIX_ROOT/UninstallOrbix/UninstallOrbix</code>
Windows	<code>%ORBIX_ROOT%\UninstallOrbix\UninstallOrbix</code>

Note: The uninstaller removes the complete installation of Orbix 3.3 SP 11 Core Services, but does not remove any files added or generated after installation (for example, log files, executables generated in demo runs, implementation repositories, and so on).

Further Information

Technical support

If you require further technical assistance with using this product, please see the following web page:

<http://www.progress.com/en/support/>

