



*Rational Rose*  
*RealTime Target*  
*Deployment Guide*

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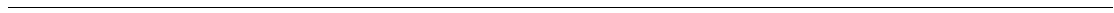
T Quatrani VISUAL MODELING WITH RATIONAL ROSE AND UML, (pages 3, 4, 29, 39, 73, 142, 153). © 1998 Addison Wesley Longman Inc., -Reprinted by permission of Addison Wesley Longman. All rights reserved.



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## *Chapter 1*

# *Introduction*

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Thank you for selecting Rational Rose RealTime, real-time industry's leading environment that unifies software teams by integrating with best-in-class Rational products, including Rational ClearCase, Rational RequisitePro and Rational SoDA.

The Target Deployment Package you have purchased extends the Rational Rose RealTime base platform to offer support for one or more embedded targets. The installation key included in your shipment determines which targets are enabled during the installation of this package. If you do not have the installation key as provided, please contact product support for assistance.

These Release Notes describe:

- “PLEASE READ FIRST” on page 2
- “Overview of the Target Deployment Package” on page 3
- “Installing Rose RealTime Target Deployment Package” on page 5
- “Known Problems and Limitations” on page 9
- “Documentation Updates” on page 11
- “Technical Support” on page 13

Please read these Release Notes, along with the Release Notes on the base product, before you install or use the Rational Rose RealTime Target Deployment Package.

**Note:** *In some cases, you may note discrepancies between the printed documentation and the online documentation. In these cases, the online documentation is the most up-to-date and should be followed.*

Please visit the Rational Web site for the latest Release Notes, patches and information:

<http://www.rational.com/products/rosert>

If you encounter any problems while installing or running Rose RealTime, please check here first to see if you encountered a known problem. If you find a problem that is not yet documented, please call Rational Technical Support so we can investigate it, provide you with a workaround, and track the problem for further action.

See the Contact Information section for telephone numbers and email addresses of the Rational Support representatives for you region.

## **PLEASE READ FIRST**

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You Must Install the Rose RealTime Base before Installing the Target Deployment Package. The installation of any of the Target Deployment Packages requires the Rose RealTime base product to have been previously installed on the local workstation.

Directory structures established during the installation of the base are required during the installation of the TDP.

Please review the Rational Rose RealTime Install Guide and the Rational Rose RealTime Release Notes for information on installing the base product.

## **Notice to Rational Beta Customers**

**IF YOU WERE A BETA CUSTOMER FOR RATIONAL ROSE REALTIME, PLEASE UNINSTALL BOTH THE WINDOWS AND UNIX COMPONENTS OF THE BETA VERSION FROM YOUR SYSTEM BEFORE BEGINNING YOUR INSTALLATION.**



## *Chapter 2*

# *Overview of the Target Deployment Package*

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The Target Deployment Package will provide you with one or more embedded targets for integration with your Rational Rose RealTime toolset. After you have installed the Target Deployment Package, using the install key as provided, the appropriate embedded target(s) will be available for use from within the Rational Rose RealTime toolset.

Included with the base Target Deployment Package is support for the following embedded targets running on a variety of processors:

- OSE 4.0.1 with Diab/SDS Tools
- OSE 4.0.1 with Green Hills Tools
- pSOS 2.5 with Diab/SDS Tools
- Tornado I with Cygnus tools
- Tornado II with Cygnus tools

The complete list of available and supported targets can be found in the appropriate reference based on the language you intend to use for development - C++ Language Add-in, *Getting Started with C++* or the C Language Add-in, *Getting Started with C*. Please consult the Supported platforms section of these references for a complete definition of the supported line-ups.

After you have installed the Target Deployment Package, with the install key included with the TDP shipment, you will have support for the base TDP embedded targets as identified above. If you require support for one of the other embedded targets, as defined in the appropriate C or C++ reference, please contact product support for the required install key. If you require support for an embedded target or line-up not identified in the C or C++ reference documents, please contact your Rational sales representative.

If you plan to develop on a target or line-up not specified in the supported platforms section of the C++ Language Add-in, Getting Started with C++ or the C Language Add-in, Getting Started with C documents please note that product support will be based on the closest reference platform as identified in the supported platforms section of the appropriate language guide.





## Chapter 3

# *Installing Rose RealTime Target Deployment Package*

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## **Installation instructions—Windows NT**

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To install Target Deployment Package, follow these steps:

1. Verify that the base Rational Rose RealTime product has been installed, version 6.1.
2. Load the Rational Rose RealTime Target Deployment Package CD into your CD-ROM drive.

If the system is configured with the autorun feature enabled, the setup program will run automatically and you may continue with step 3.

3. Run Setup.

Use the Windows Explorer to open a window displaying the contents of the CD-ROM drive. For example, double-click “My Computer” and then double-click the icon for the Rose RealTime Target Deployment Package CD. Double-click the Setup.exe icon to run Setup.

Note that the .exe file name extension may not be visible.

The Setup dialog appears, followed by the Welcome dialog.

4. Click Next to view the License Agreement.

You must accept the license agreement to proceed.

If you do not agree with the terms of the license agreement, the installation should be aborted. All software and documentation should be returned to Rational Software.

If you accept the terms and conditions of the license agreement, click Yes.

5. You are asked to enter an installation key. Enter the key and click Next.
6. The products selected for installation are listed. Click Next. Installation begins.
7. When the installation is finished, the Setup Complete dialog appears letting you choose whether to restart your computer. We strongly recommend you click Yes, I want to restart my computer now.
8. Click Finish.

### Installation instructions—Unix

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To install the Target Deployment Package, follow these steps:

1. Verify that the base Rational Rose RealTime product has been installed, version 6.1.
2. Load the Rational Rose RealTime Target Deployment Package CD into your CD-ROM drive.

If the system is configured with the autorun feature enabled, the setup program will run automatically and you may continue with step 3.

3. Mount the CD-ROM device.

You are usually required to be a system administrator (root or super-user) to be able to do this. See the instructions for your particular CD-ROM drive and operating system for details.

HP-UX:

```
mount -rt cdfs /dev/dsk/c201d511 /cdrom
```

Solaris:

```
mount -rF hsfs /dev/sr1 /cdrom
```

where

```
/dev/sr1
```

is the CD-ROM device.

**Note:** In Solaris the CD-ROM may be automatically mounted.

4. From a shell window, change directory to the mounted CD-ROM device.

For example:

```
cd /cdrom
```

5. Run the setup script.

```
./setup.sh
```

On HP-UX, it may be necessary to use the following command (including the quotes):

```
sh './SETUP.SH;1'
```

6. You are asked to enter the installation key. Enter the installation key and hit <ENTER>.
7. Review and accept the terms of the license agreement.  
The license agreement is displayed and you are prompted to accept or reject the license agreement. You must accept it to continue:  
"Enter Y<ENTER> to Accept, R<ENTER> to Read again, or Q<ENTER> to Quit:" Y<ENTER>
8. Confirm the platform settings.  
You are asked to confirm the platforms selected.  
Type M <ENTER> to modify platform settings or Y<ENTER> to accept platform settings:" Y<ENTER>
9. Specify the installation directory as the RoseRT subdirectory. Enter the absolute path. The install tests for a RoseRT subdirectory in the given location.
10. After the installation is complete, you can dismount the CD and store in a safe place with the installation key letter

## Installation keys

Included with your Rose RealTime TDP shipment is a welcome letter that should be kept in a safe place to facilitate future installations should a re-install become necessary. If these keys are misplaced please send a request for replacement keys to Rose RealTime Support (see the Contact Information section for telephone numbers and email addresses of the Rational Support representatives for your region).





## *Chapter 4*

# *Known Problems and Limitations*

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There were no know issues at the time of release. Please visit the Rational Web Site for the latest Release Notes, patches and information:

<http://www.rational.com/products/rosert>





*Chapter 5*

*Documentation Updates*

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For the most recent documentation updates please visit the Rose RealTime web site at:

<http://www.rational.com/products/rosert>







## *Chapter 6*

# *Technical Support*

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When contacting Rational Technical Support, please be prepared to supply the following information:

- Name, telephone number, and company name
- Product name and version number
- Operating system and version number (for example, Windows NT 4.0, Windows 2000, Solaris 2.5.1/2.6/2.7, or HP-UX 10.20)
- Computer make and model
- embedded target operating system, processor and toolchain lineup
- Your case id (if you're calling about a previously reported problem)
- A summary description of the problem, related errors, and how it was made to occur

If your organization has a designated, on-site support person, please try to contact that person before contacting Rational Technical Support.

You can obtain technical assistance by sending electronic mail to the appropriate e-mail address. Electronic mail is acknowledged immediately and is usually answered within one working day of its arrival at Rational. When sending an email place "Rational Rose RealTime" in the subject line, and in the body of your message include a description of your problem.

When sending email concerning a previously-reported problem, please include in the subject field: "CaseID: v0XXXXX", where XXXXX is the caseid number of the issue. For example:

```
CaseID: v0176528 New data on rational rose realtime install issue
```

Sometimes Rational technical support engineers will ask you to fax information to help them diagnose problems. You can also report a technical problem by fax if you prefer. Please mark faxes “Attention: Technical Support” and add your fax number to the information requested above.

Telephone and fax numbers for Rational Technical Support are contained in the following table. If you have problems or questions regarding licensing, please see “License support contact information” on page 15.

**Table 1 Support Telephone and Fax**

<b>Region</b>	<b>Telephone Number</b>	<b>Fax Number</b>
Americas	800-433-5444	408-863-4300
Asia Pacific (includes support for Japan, China, India, Korea, Taiwan)	+61-2-9419-0111	+61 2 9419 0123
Europe, Middle East, and Africa (includes support for Israel)	31 (0)20 4546 200	+31 23 569 4302
Other worldwide locations	408-863-5000	

Email addresses for Rational Technical Support are listed in the following table.

**Table 2 Support Email**

<b>Region</b>	<b>Email Address</b>
Americas and other worldwide locations	< <a href="mailto:support@rational.com">A href="mailto:support@rational.com" style="font-family: inherit; font-size: inherit; color: inherit;"&gt;support@rational.com</a> >
Asia Pacific (includes support for Japan, China, India, Korea, Taiwan)	< <a href="mailto:support@apac.rational.com">A href="mailto:support@apac.rational.com" style="font-family: inherit; font-size: inherit; color: inherit;"&gt;support@apac.rational.com</a> >
Europe, Middle East, Africa (includes support for Israel), and Scandinavia	< <a href="mailto:support@europe.rational.com">A href="mailto:support@europe.rational.com" style="font-family: inherit; font-size: inherit; color: inherit;"&gt;support@europe.rational.com</a> >

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## License support contact information

If you have a problem or questions regarding the licensing of your Rational Software products, please contact the Licensing Support office nearest you.

Telephone numbers for license support are listed in the following table.

**Table 3 License Support Telephone and Fax**

<b>Region</b>	<b>Telephone Number</b>	<b>Fax Number</b>
Americas	408-863-9900 or 800-728-1212	781-676-2510
Europe, Israel, and Africa	+31 23 554 10 62	+31 23 554 10 69
North Asia Pacific (Mainland China, Hong Kong, Taiwan)	+852 2143 6382	+852 2143 6018
Korea	+82 2 556 9420	+82 2 556 9426
South Asia Pacific Australia, New Zealand, Malaysia, Singapore, Indonesia, Thailand, The Philippines, Vietnam, Guam and India	+612 9419 0100	+612 9419 0160
Japan	+81 3 5423 3611	+81 3 5423 3622

Email addresses for license support are listed in the following table.

**Table 4 License Support Email**

<b>Region</b>	<b>Email Address</b>
Americas	lic_americas@rational.com
Europe, Israel, and Africa	lic_europe@rational.com
North Asia Pacific Mainland China, Hong Kong, Taiwan, and Korea	lic_apac@rational.com
South Asia Pacific Australia, New Zealand, Malaysia, Singapore, Indonesia, Thailand, The Philippines, Vietnam, Guam and India	lic_apac@rational.com
Japan	lic_japan@rational.com