

Install Clearcase Server 7.1 Linux (Redhat)

Installing Clearcase Server 7.1 on Red Hat Enterprise Linux AS release 4 (Nahant Update 8)

Prerequisites

Apply this changes to the clearcase software packages

```
chmod +x /root/cc/InstallerImage_linux/jre_5.0.3.sr8a_20080811b/jre/bin/java
chmod +x /root/cc/launchpad/*.sh
```

Extra software packages needed:

```
up2date -i gcc
```

Kernel Image

```
cd /tmp
wget
http://fermi.inf.unibz.it/cdimages/kernel-devel-2.6.9-89.0.25.EL.x86_64.rpm
rpm -i kernel-devel-2.6.9-89.0.25.EL.x86_64.rpm
```

Kernel source

```
up2date redhat-rpm-config rpm-build
up2date --get-source kernel
rpm -ivh /var/spool/up2date/kernel*.src.rpm
cd /usr/src/redhat/SPECS
rpmbuild -bp --target=i686 kernel-2.6.spec
cp -a /usr/src/redhat/BUILD/kernel-2.6.9/linux-2.6.9 /usr/src
ln -s /usr/src/linux-2.6.9 /usr/src/linux
```

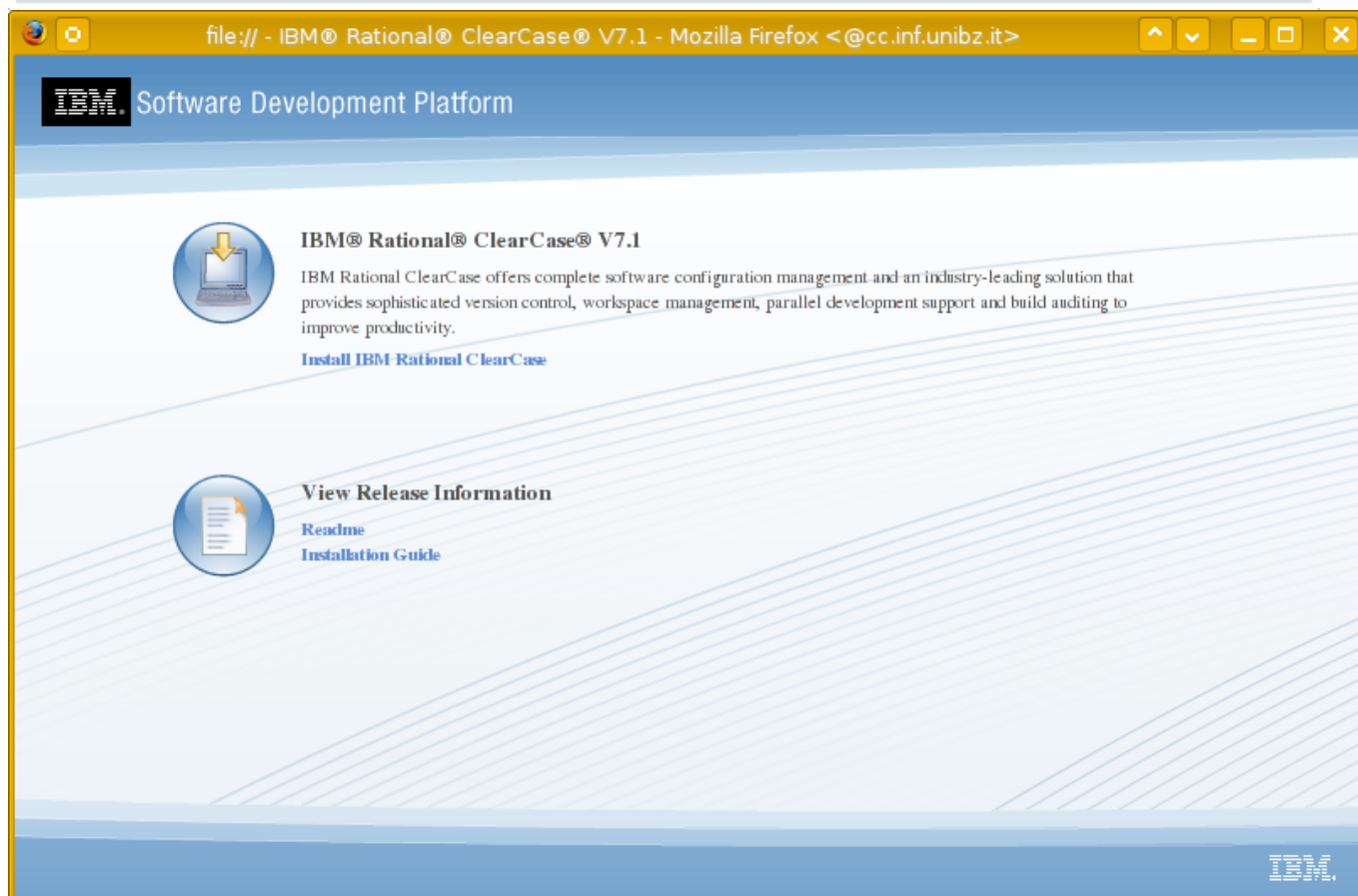
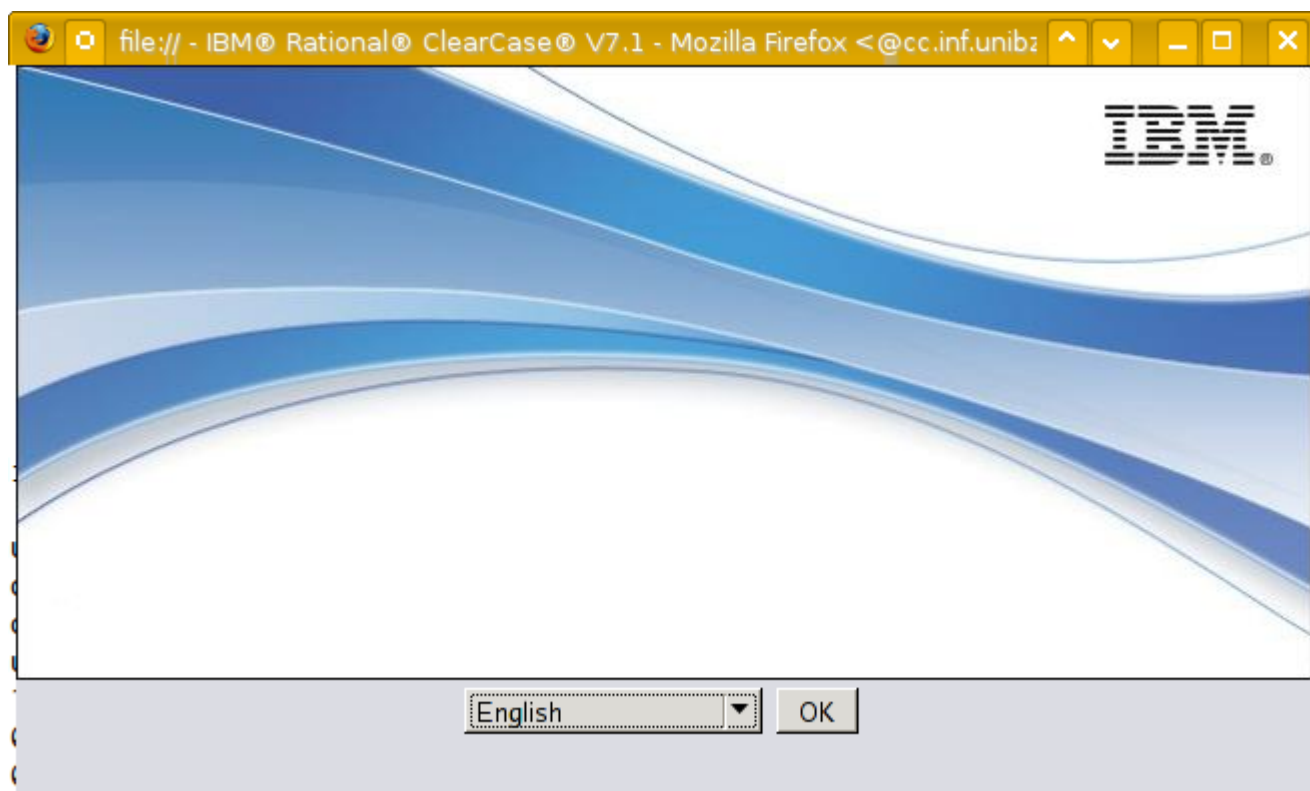
To allow mvfs to work ok!

```
mkdir /var/adm/rational/clearcase
touch /var/adm/rational/clearcase/no_mvfs_tag
```

Installation

```
[root@cc cc]# ./launchpad.sh
```

Here are the screenshots!!!!



IBM Installation Manager <@cc.inf.unibz.it>

Install Packages

Select the packages you want to install.

Installation Packages	Status	Vendor	License Key Type
<div>IBM® Installation Manager</div> <div><div>Version 1.2.1</div></div>		IBM	No key required
<div>IBM® Rational® ClearCase®</div> <div><div>Version 7.1</div></div>		IBM	

☐ Show all versions

Check for Other Versions and Extensions

Details

IBM® Installation Manager 1.2.1

IBM® Installation Manager [More info...](#)

- Repository: /root/cc/InstallerImage_linux

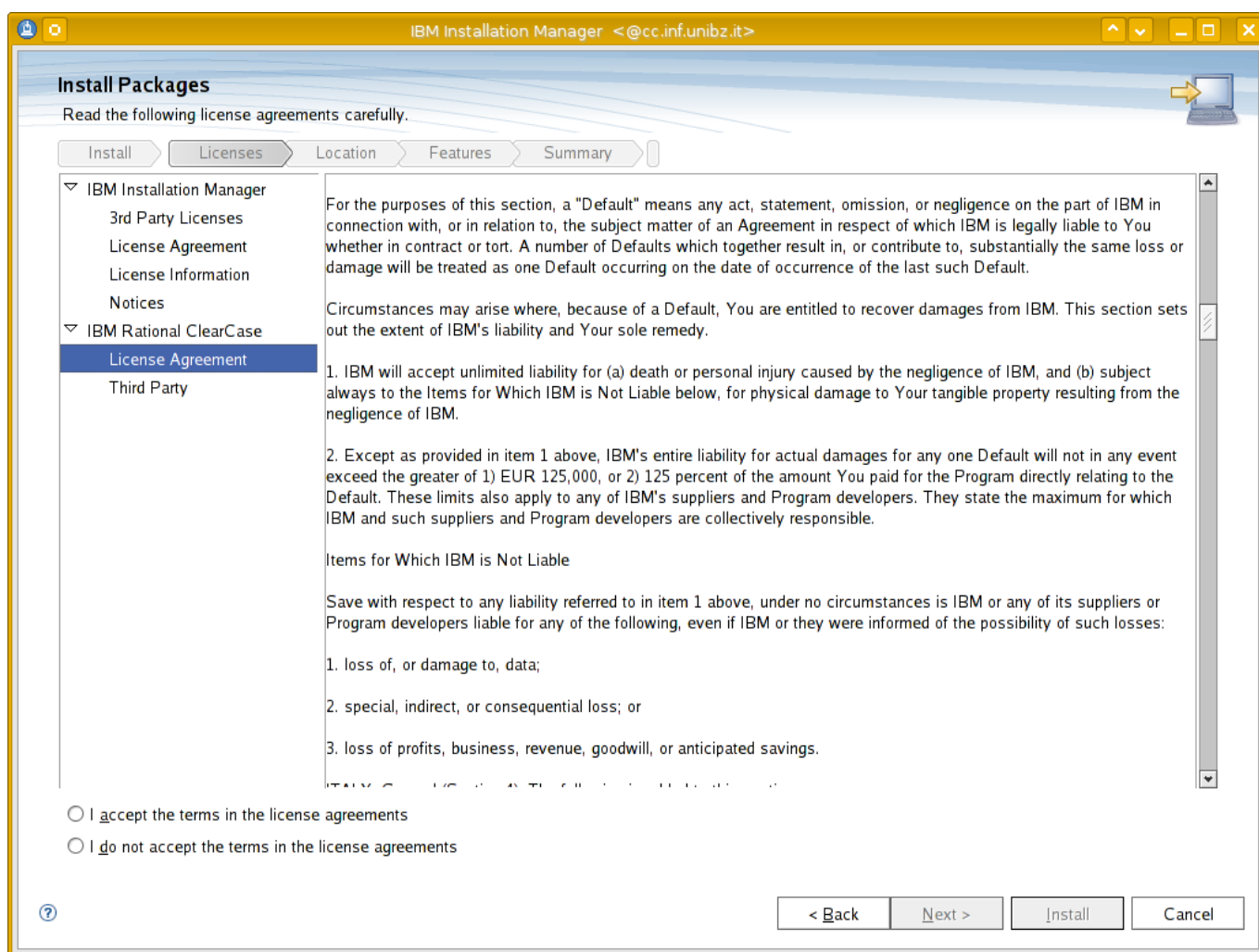
?

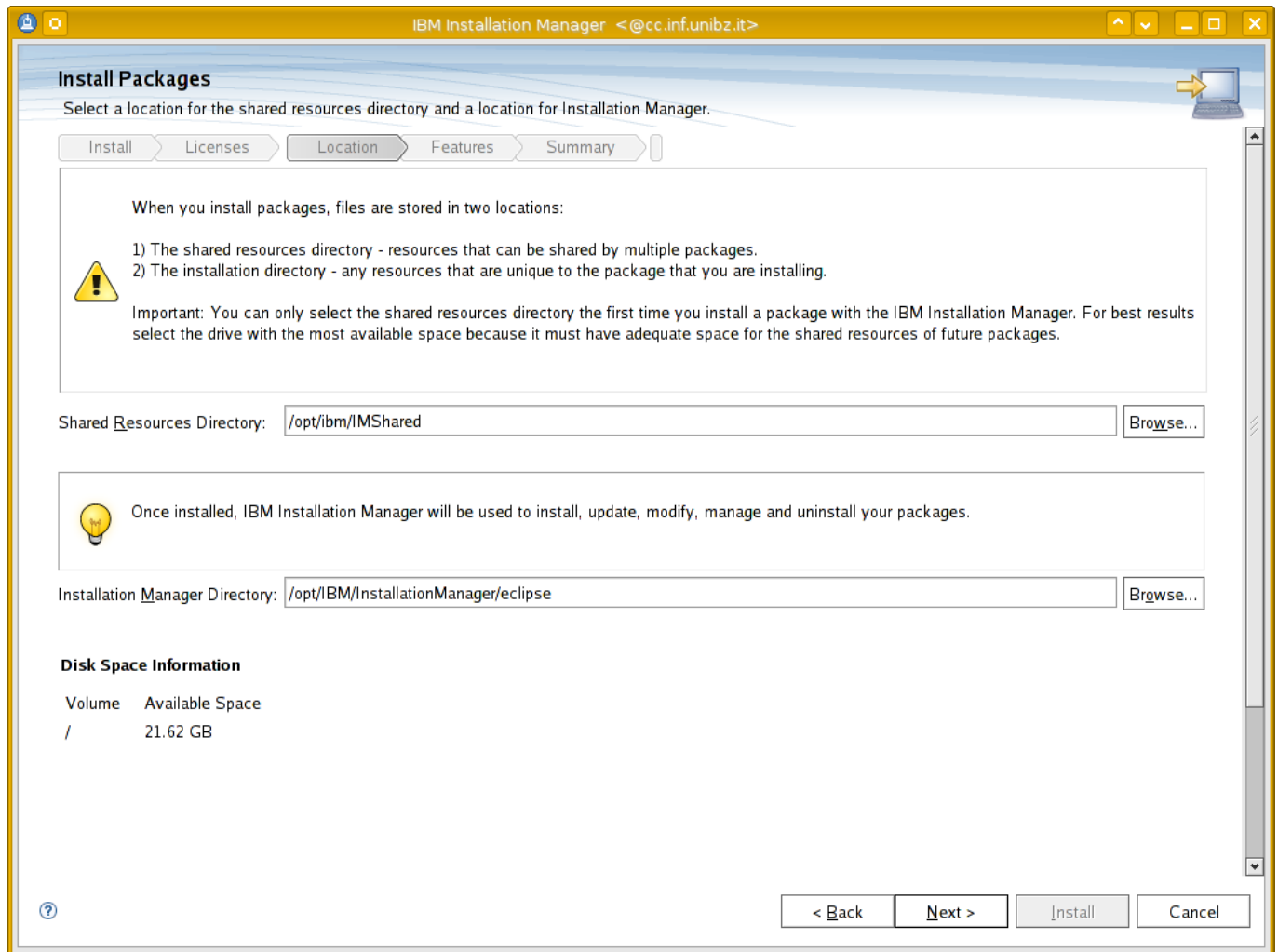
< Back

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Install

Cancel





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Install Packages

A package group is a location that contains one or more packages. Some packages can be installed into a common package group and will share a common user interface. Select an existing package group, or create a new one.

Install

Licenses

Location

Features

Summary

☐ Use the existing package group

☒ Create a new package group

Package Group Name	Installation Directory
IBM Rational SDLC	/opt/ibm/RationalSDLC

Package Group Name: IBM Rational SDLC

Installation Directory: /opt/ibm/RationalSDLC

Browse...

Details

Shared Resources Directory: /opt/ibm/IMShared

Disk Space Information

Volume	Available Space
/	21.62 GB

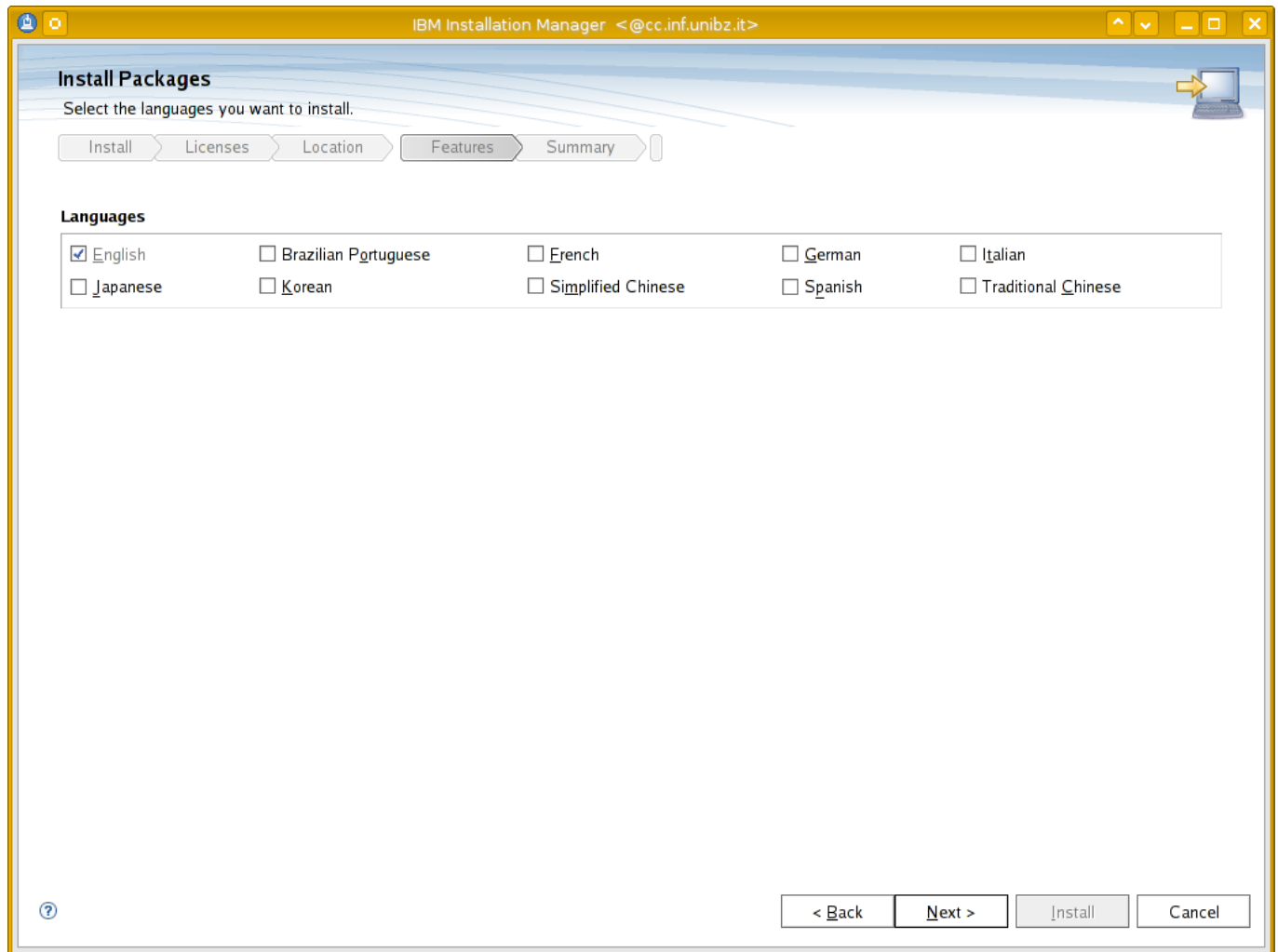
?

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Install Packages

Select the features you want to install.

Features

☒ IBM® Installation Manager 1.2.1

☒ IBM® Rational® ClearCase® 7.1

- ☒ ClearCase Full Function Installation
- ☐ ClearCase Minimal Developer Installation
- ☐ ClearCase Server-only Installation
- ☐ ClearCase z/OS Extensions
- ☒ Multisite Full Function Installation
 - ☐ Multisite Shipping Server-only Installation
 - ☐ ClearQuest Integration with ClearCase
- ☒ CM Server for ClearCase Remote Clients

☐ Show dependencies - Required by features you selected

Expand AllCollapse AllRestore Default

Details

CM Server for ClearCase Remote Clients

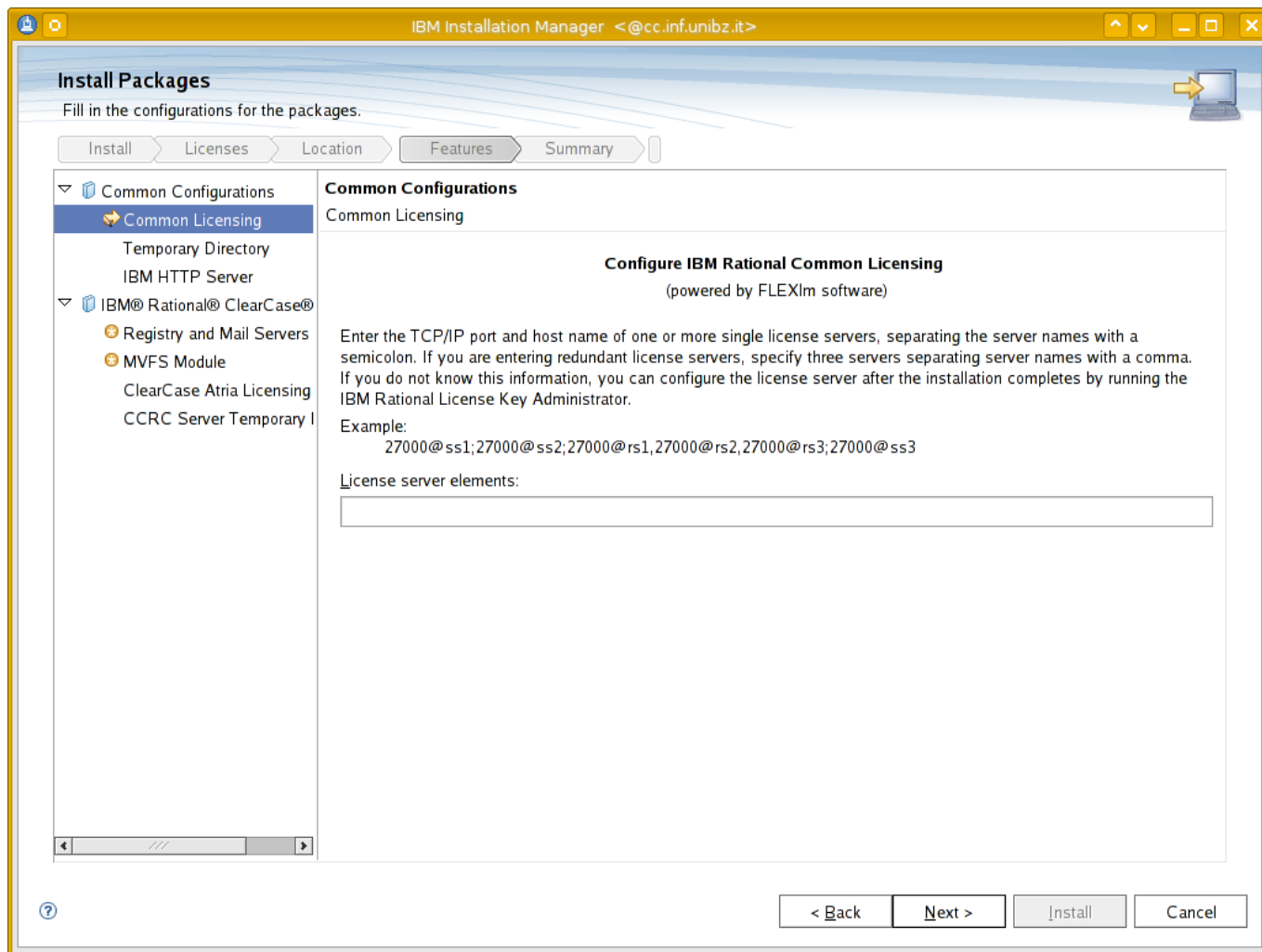
Change Management (CM) Server is a scalable Web server infrastructure that provides support to Rational ClearCase® Remote Clients. It leverages the performance, security, scalability and administration of WebSphere® Application Server to provide an enterprise WAN solution to Rational ClearCase®.

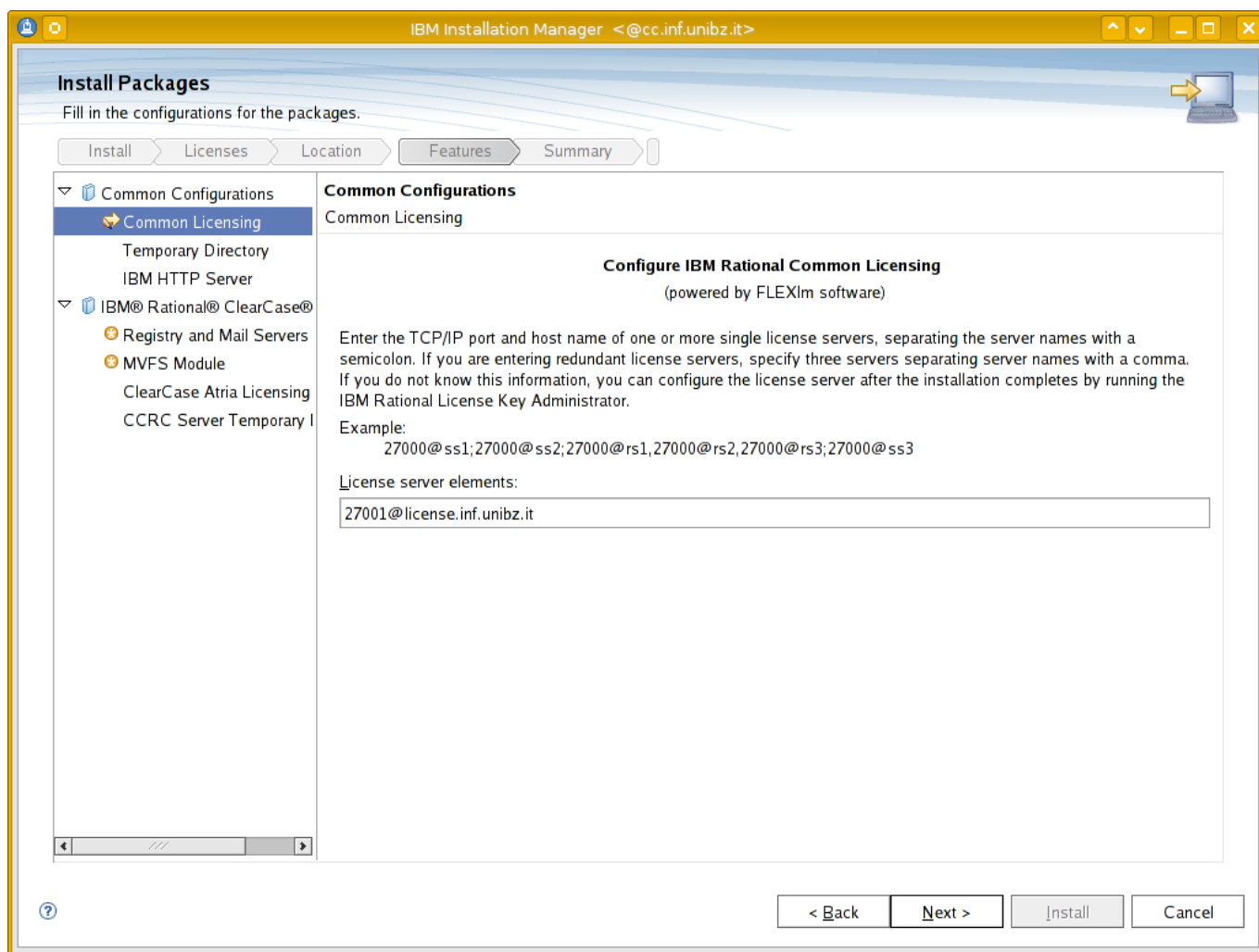
Disk Space Information

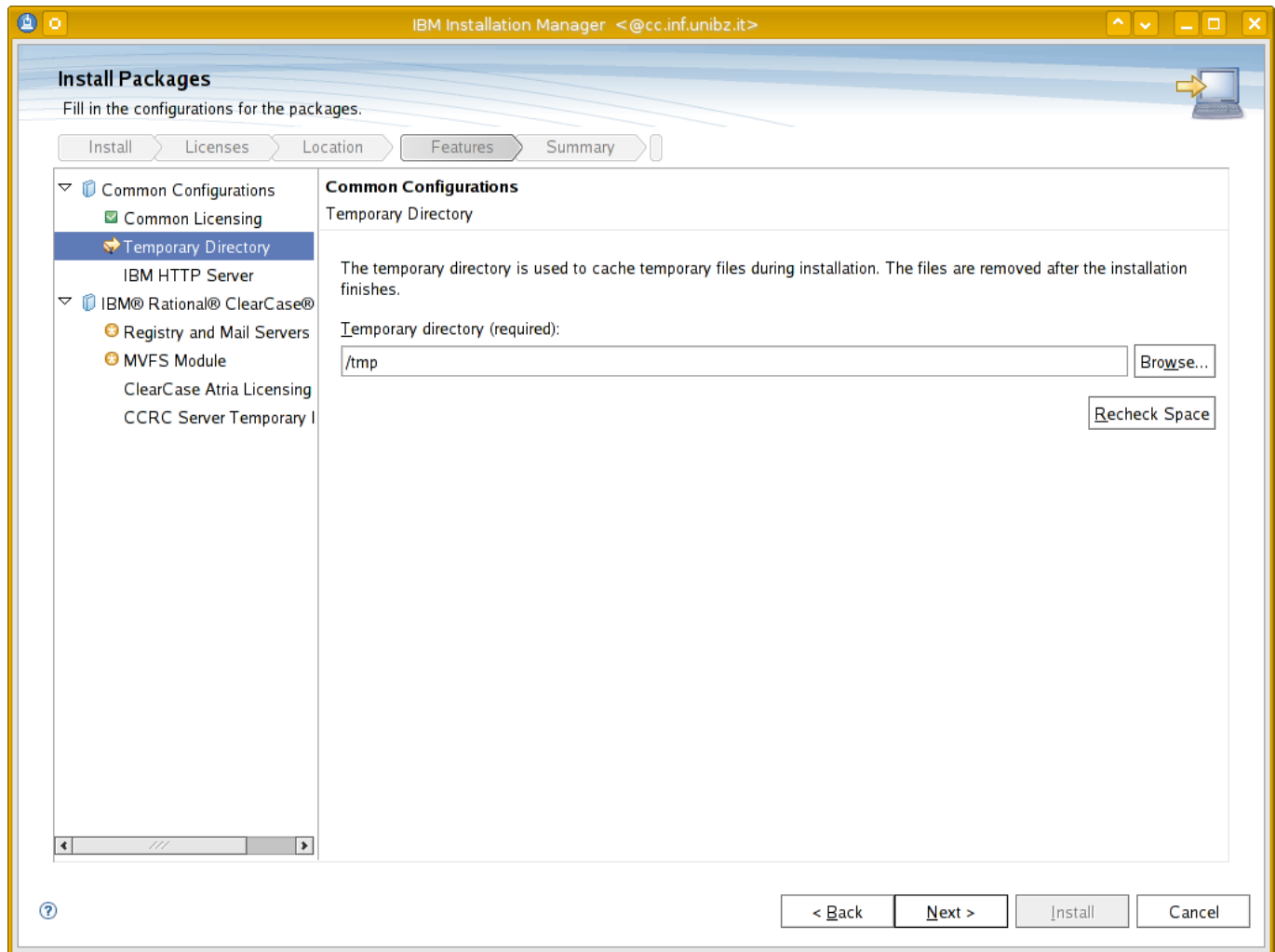
	Volume	Required	Temporary	Total	Available
Shared Resources Area	/	165.52 MB	1.02 GB	1.18 GB	21.62 GB
Installation Directory	/	3.01 GB	44.44 MB	3.05 GB	21.62 GB

?

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Install Packages

Fill in the configurations for the packages.

Install

Licenses

Location

Features

Summary

Common Configurations

☒ Common Licensing

☒ Temporary Directory

☒ IBM HTTP Server

IBM® Rational® ClearCase®

☒ Registry and Mail Servers

☒ MVFS Module

ClearCase Atria Licensing

CCRC Server Temporary I

Common Configurations

IBM HTTP Server

Port for HTTP requests:

80

IBM HTTP Server user name:

nobody

IBM HTTP Server group name:

nobody

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Install

Cancel

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Install Packages

Fill in the configurations for the packages.

Install Licenses Location Features Summary

- Common Configurations
 - ☒ Common Licensing
 - ☒ Temporary Directory
 - ☒ IBM HTTP Server
- IBM® Rational® ClearCase®
 - Registry and Mail Servers**
 - MVFS Module
 - ClearCase Atria Licensing
 - CCRC Server Temporary I

Configuration for IBM® Rational® ClearCase® 7.1

Registry and Mail Servers

The registry server stores VOB and view tag information.

Registry server host name (required):

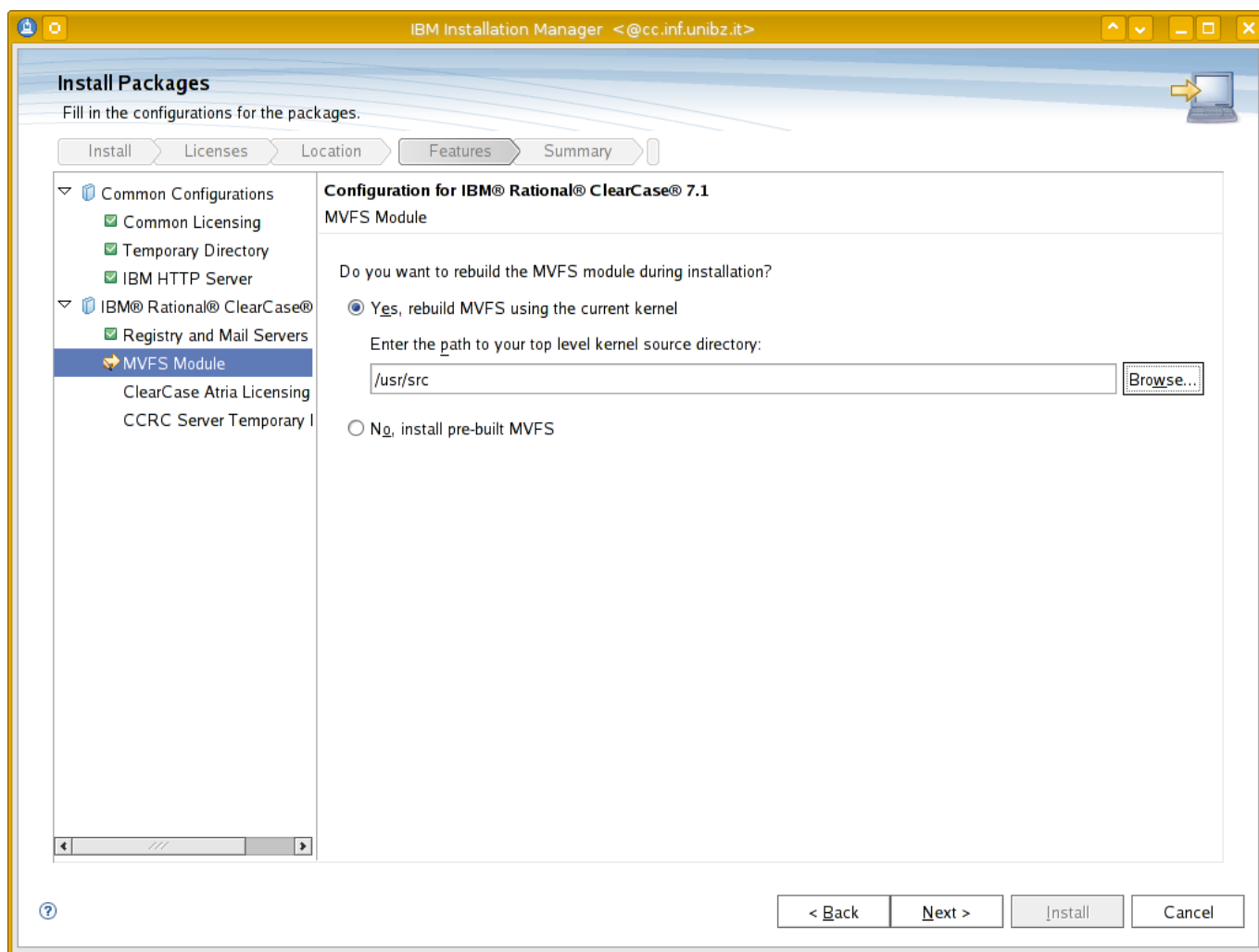
A network region defines a namespace of VOB and view tags.

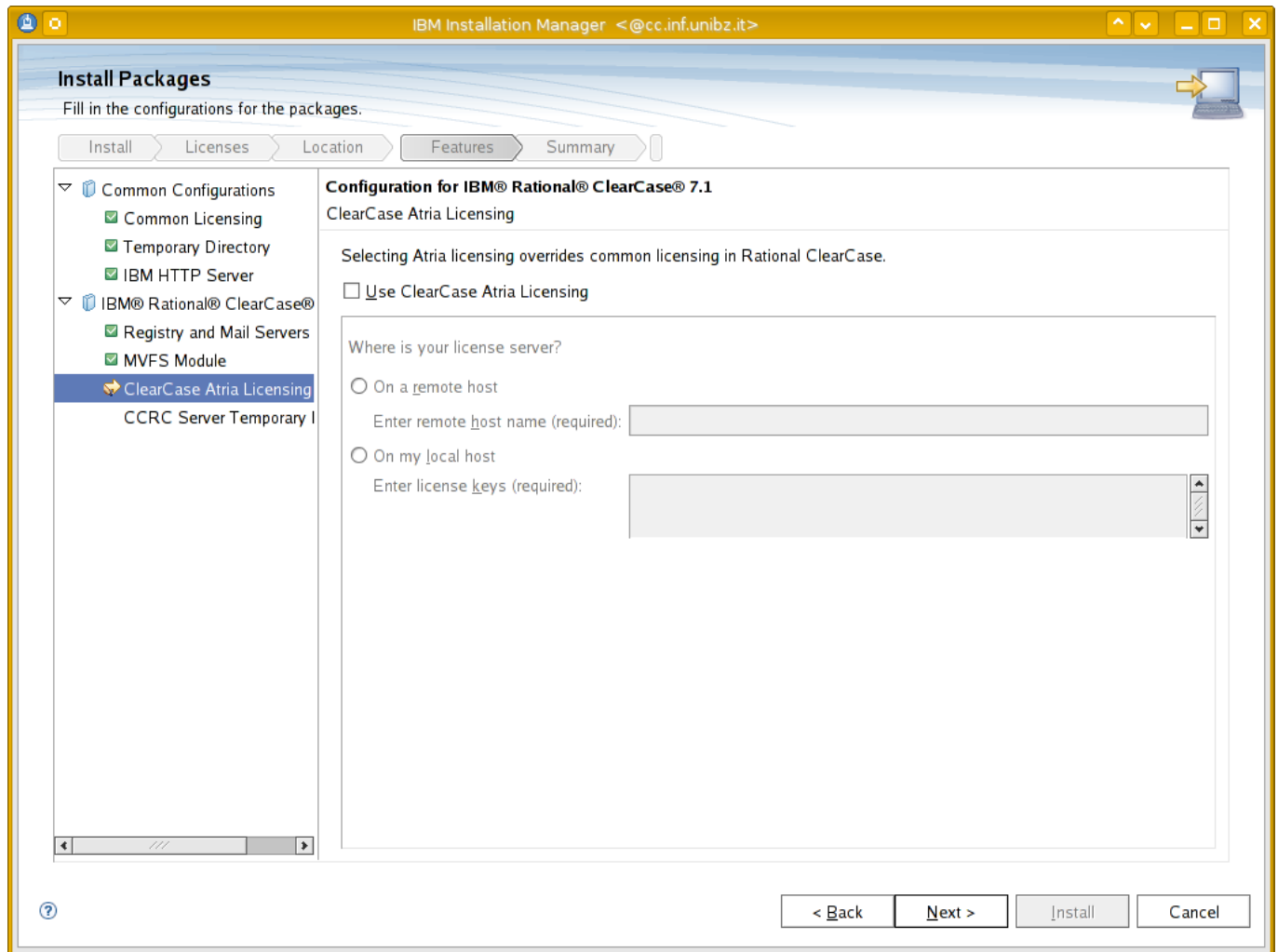
UNIX registry region (required):

The SMTP mail server is used to send ClearCase e-mail notifications.

SMTP Mail server host name:

< Back Next > Install Cancel





The image shows the 'IBM Installation Manager' window for 'ClearCase Atria Licensing'. The window has a title bar with the text 'IBM Installation Manager <@cc.inf.unibz.it>'. Below the title bar is a header area with the title 'Install Packages' and a sub-header 'Fill in the configurations for the packages.' To the right of the header is a small icon of a laptop with an arrow pointing to it. Below the header is a navigation bar with tabs: 'Install', 'Licenses', 'Location', 'Features', and 'Summary'. The 'Features' tab is selected. On the left side of the window is a tree view showing the installation components. The tree view has a root node 'IBM® Rational® ClearCase®' which is expanded to show several sub-nodes: 'Common Configurations', 'Common Licensing', 'Temporary Directory', 'IBM HTTP Server', 'Registry and Mail Servers', 'MVFS Module', 'ClearCase Atria Licensing', and 'CCRC Server Temporary I'. The 'ClearCase Atria Licensing' node is selected. The main area of the window displays the configuration for 'ClearCase Atria Licensing'. It has a title 'Configuration for IBM® Rational® ClearCase® 7.1' and a subtitle 'ClearCase Atria Licensing'. Below the subtitle is a text box that says 'Selecting Atria licensing overrides common licensing in Rational ClearCase.' Below this text box is a checkbox labeled 'Use ClearCase Atria Licensing'. Below the checkbox is a text box labeled 'Where is your license server?'. Below this text box are two radio buttons: 'On a remote host' and 'On my local host'. Below the 'On a remote host' radio button is a text box labeled 'Enter remote host name (required):'. Below the 'On my local host' radio button is a text box labeled 'Enter license keys (required):'. At the bottom of the window are four buttons: '< Back', 'Next >', 'Install', and 'Cancel'.

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Install Packages

Fill in the configurations for the packages.

Install Licenses Location Features Summary

- Common Configurations
 - Common Licensing
 - Temporary Directory
 - IBM HTTP Server
- IBM® Rational® ClearCase®
 - Registry and Mail Servers
 - MVFS Module
 - ClearCase Atria Licensing**
 - CCRC Server Temporary I

Configuration for IBM® Rational® ClearCase® 7.1

ClearCase Atria Licensing

Selecting Atria licensing overrides common licensing in Rational ClearCase.

☐ Use ClearCase Atria Licensing

Where is your license server?

☐ On a remote host
Enter remote host name (required):

☐ On my local host
Enter license keys (required):

< Back Next > Install Cancel

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Install Packages

Fill in the configurations for the packages.

Install

Licenses

Location

Features

Summary

Common Configurations

Common Licensing

Temporary Directory

IBM HTTP Server

IBM® Rational® ClearCase®

Registry and Mail Servers

MVFS Module

ClearCase Atria Licensing

CCRC Server Temporary

Configuration for IBM® Rational® ClearCase® 7.1

CCRC Server Temporary Directory

Enter a directory that does not exist. This directory will be removed as part of the uninstalling process.

CCRC server temporary directory (required):

Help

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Install Packages

Review the summary information. Click Back to make changes, or click Install.

Install

Licenses

Location

Features

Summary

Target Location

Package Group Name: IBM Rational SDLC

Installation Directory: /opt/ibm/RationalSDLC

Shared Resources Directory: /opt/ibm/IMShared

Packages

Packages

IBM® Installation Manager 1.2.1

IBM® Rational® ClearCase® 7.1

- ClearCase Full Function Installation
- CM Server for ClearCase Remote Clients

Environment

English

Disk Space Information

Total Available Space

/

20.88 GB

Total Download Size: 1.22 GB

Total Installation Size: 4.23 GB

Repository Information

Files will be retrieved from the following locations:

Repository	Download Size
/tmp/installerRepository56909.tmp	46.77 MB
/root/cc/InstallerImage_linux	37.02 MB

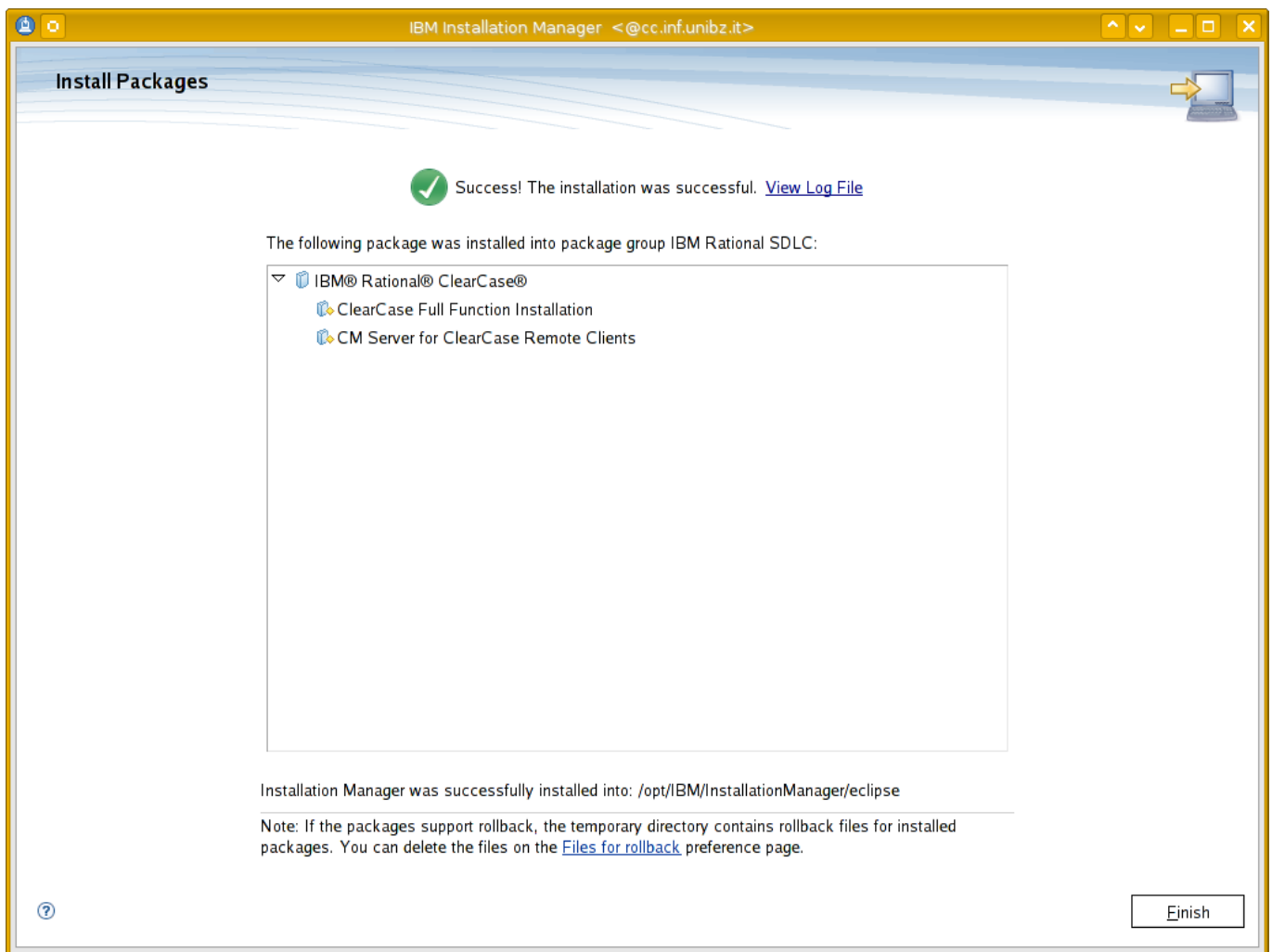
?

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Install

Cancel



Post Installation

```
rm /var/adm/rational/clearcase/no_mvfs_tag
```

Status/Stop/Start/Restart ClearCase

```
/usr/atria/etc/atria_start status|stop|start|restart
```

Update/Modify Installation

To update or modify launch the Installation Manager

```
/opt/IBM/InstallationManager/eclipse/launcher
```

Install Clearcase Client 7.1 Linux (Redhat)

Using Eclipse with Clearcase Client plugin

- Download eclipse from <http://www.eclipse.org>
- Add New Software:
<http://www3.software.ibm.com/ibmdl/pub/software/rationalsdp/clearcase/ccrc/701/update/>

— *kohofer* 2010/06/04 15:03

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