

# Install Clearcase 7.1 Linux (Redhat)

Installing Clearcase 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
```

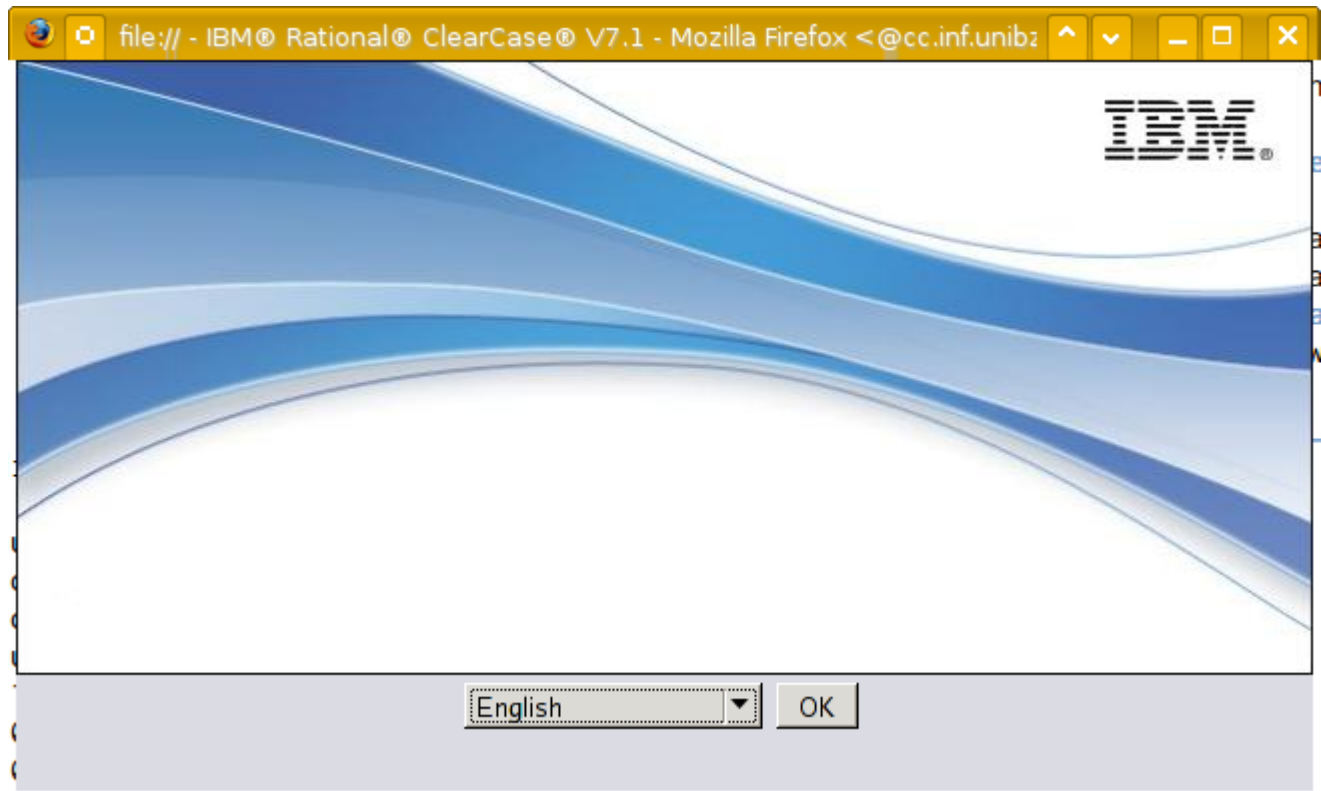
## To allow mvfs to work ok!

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

## Installation

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

Here are the screenshots!!!!

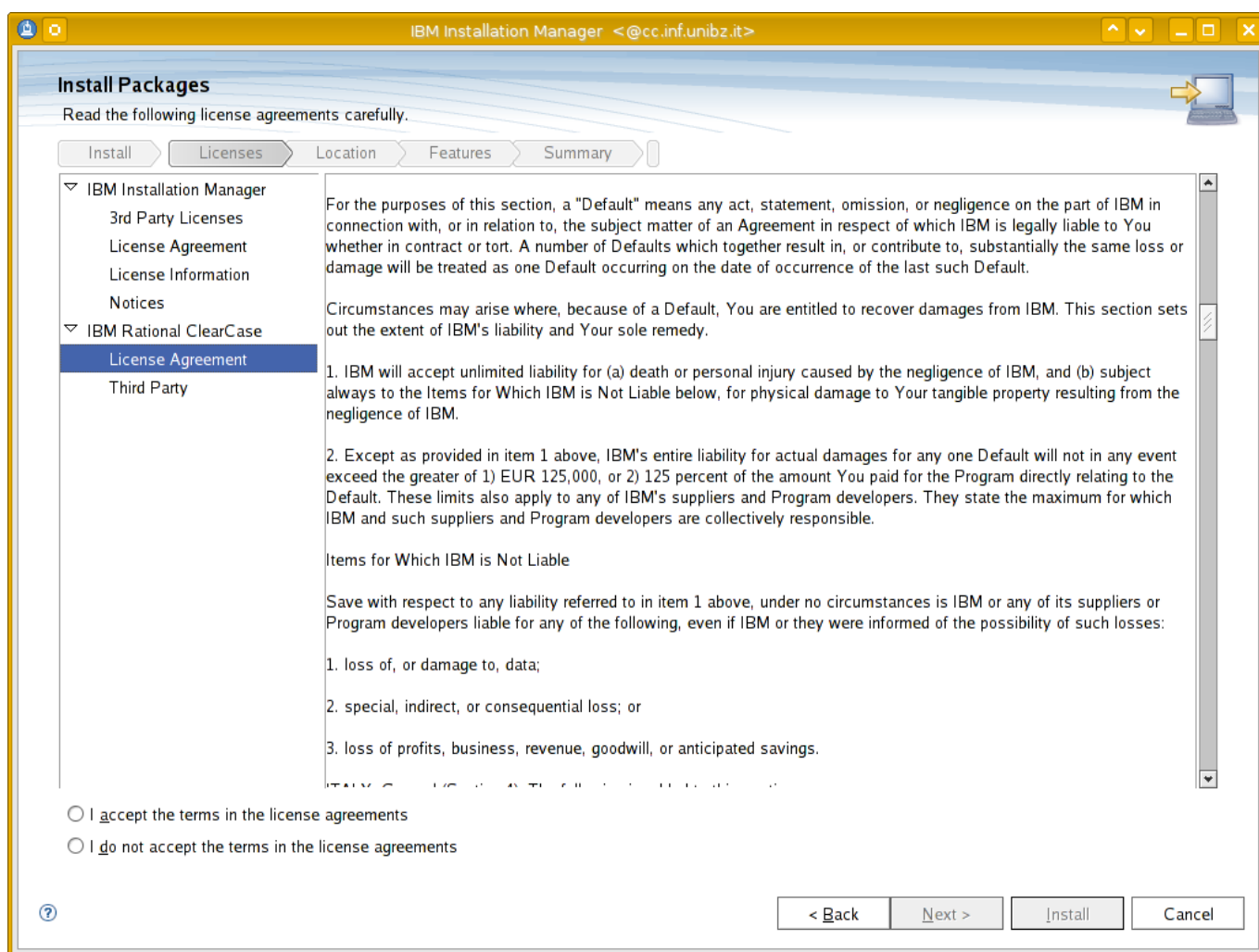


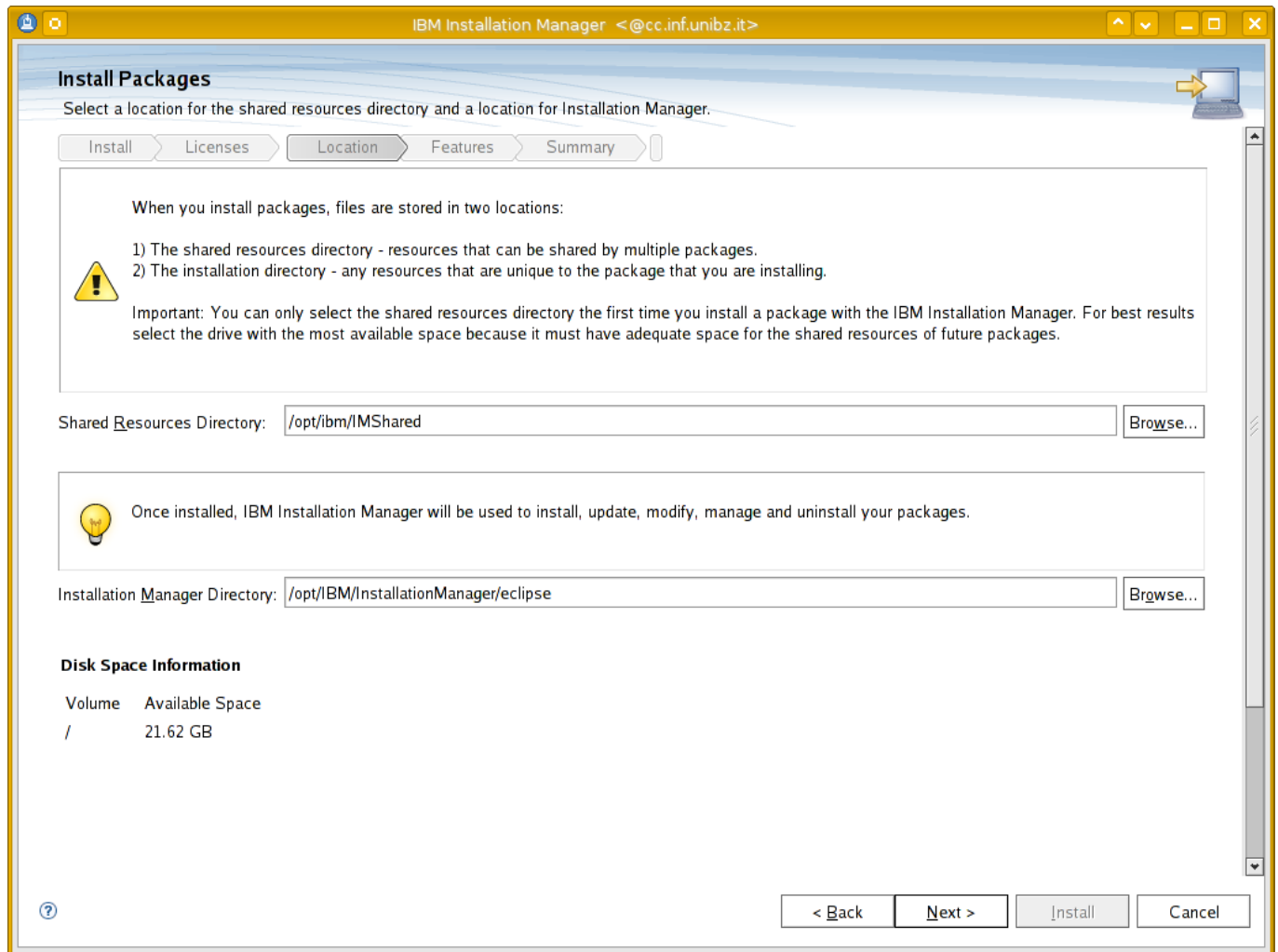
The screenshot shows two overlapping windows from a Linux desktop environment. The top window is titled "file:// - IBM® Rational® ClearCase® V7.1 - Mozilla Firefox <@cc.inf.unibz.it>". It displays the IBM Software Development Platform landing page, which includes a section for "IBM® Rational® ClearCase® V7.1" with a description and a link to "Install IBM Rational ClearCase". Below this is a "View Release Information" section with links for "Readme" and "Installation Guide".

The bottom window is titled "IBM Installation Manager <@cc.inf.unibz.it>". It shows the "Install Packages" screen with the instruction "Select the packages you want to install." Below this is a table of available packages:

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

Below the table, there is a checkbox for "Show all versions" and a button labeled "Check for Other Versions and Extensions". At the bottom of the window, there is a "Details" section for "IBM® Installation Manager 1.2.1" with a link to "More info..." and a list of repositories, including "/root/cc/InstallerImage\_linux". At the very bottom of the window are buttons for "< Back", "Next >", "Install", and "Cancel".





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

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: 

Browse...

Details

Shared Resources Directory: /opt/ibm/IMShared

Disk Space Information

Volume	Available Space
/	21.62 GB

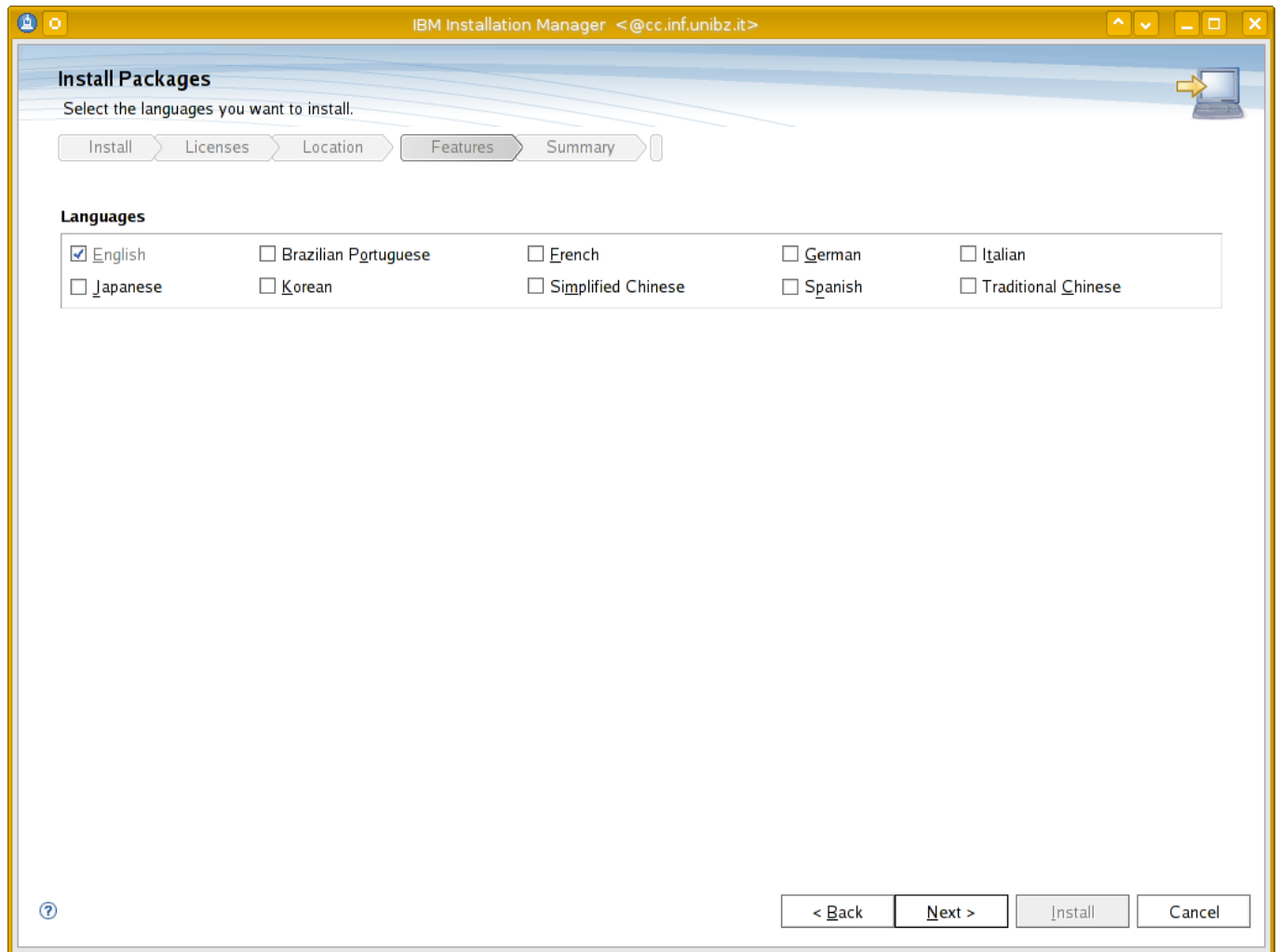
?

< Back

Next >

Install

Cancel



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

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 All

Collapse All

Restore 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

?

< Back

Next >

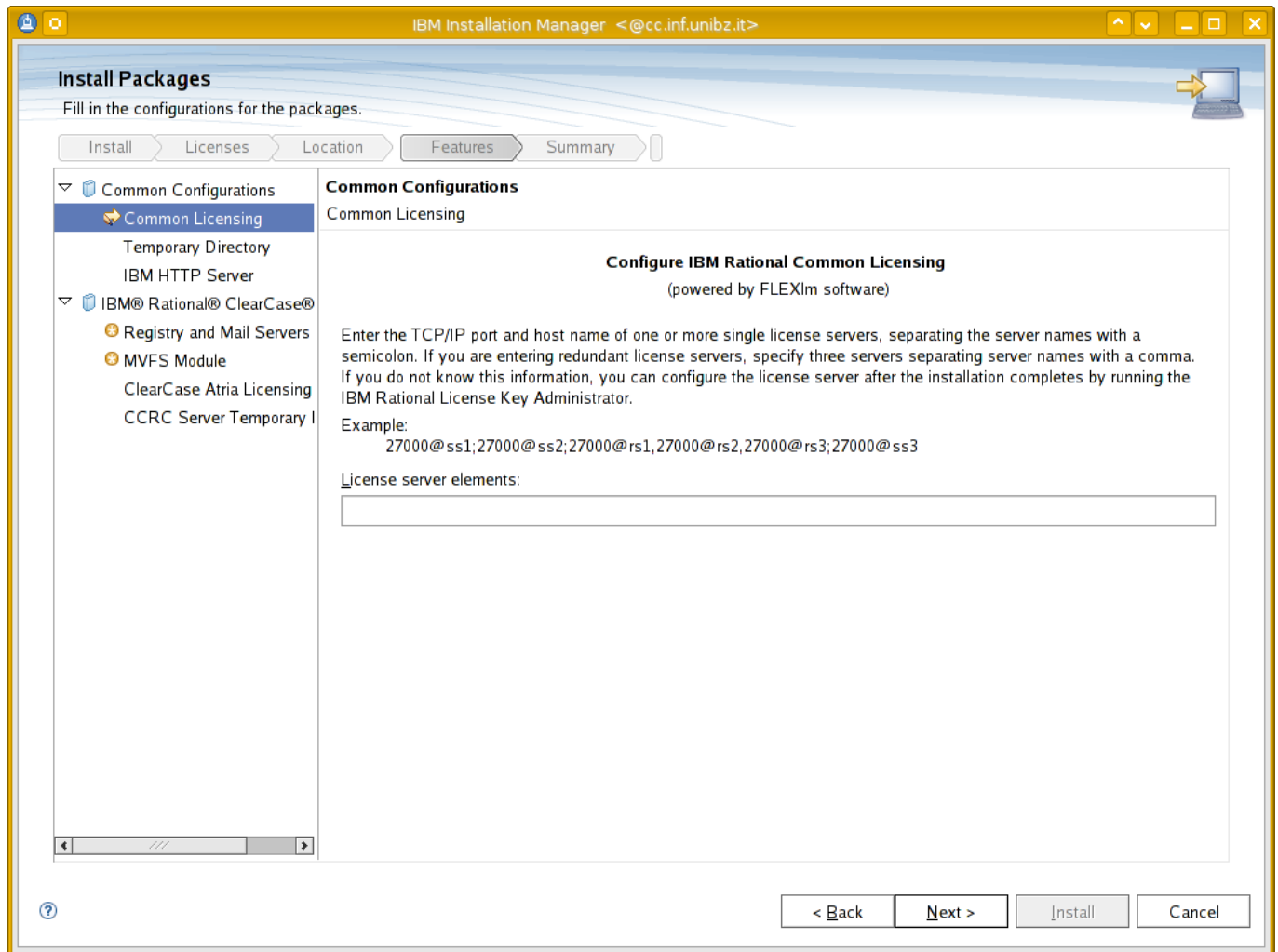
Install

Cancel

https://wiki.inf.unibz.it/

Printed on 2024/04/26 16:03





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

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

Common Licensing

Configure IBM Rational Common Licensing

(powered by FLEXlm software)

Enter the TCP/IP port and host name of one or more single license servers, separating the server names with a semicolon. If you are entering redundant license servers, specify three servers separating server names with a comma. If you do not know this information, you can configure the license server after the installation completes by running the IBM Rational License Key Administrator.

Example:  
27000@ss1;27000@ss2;27000@rs1,27000@rs2,27000@rs3;27000@ss3

License server elements:  
27001@license.inf.unibz.it

?

< Back

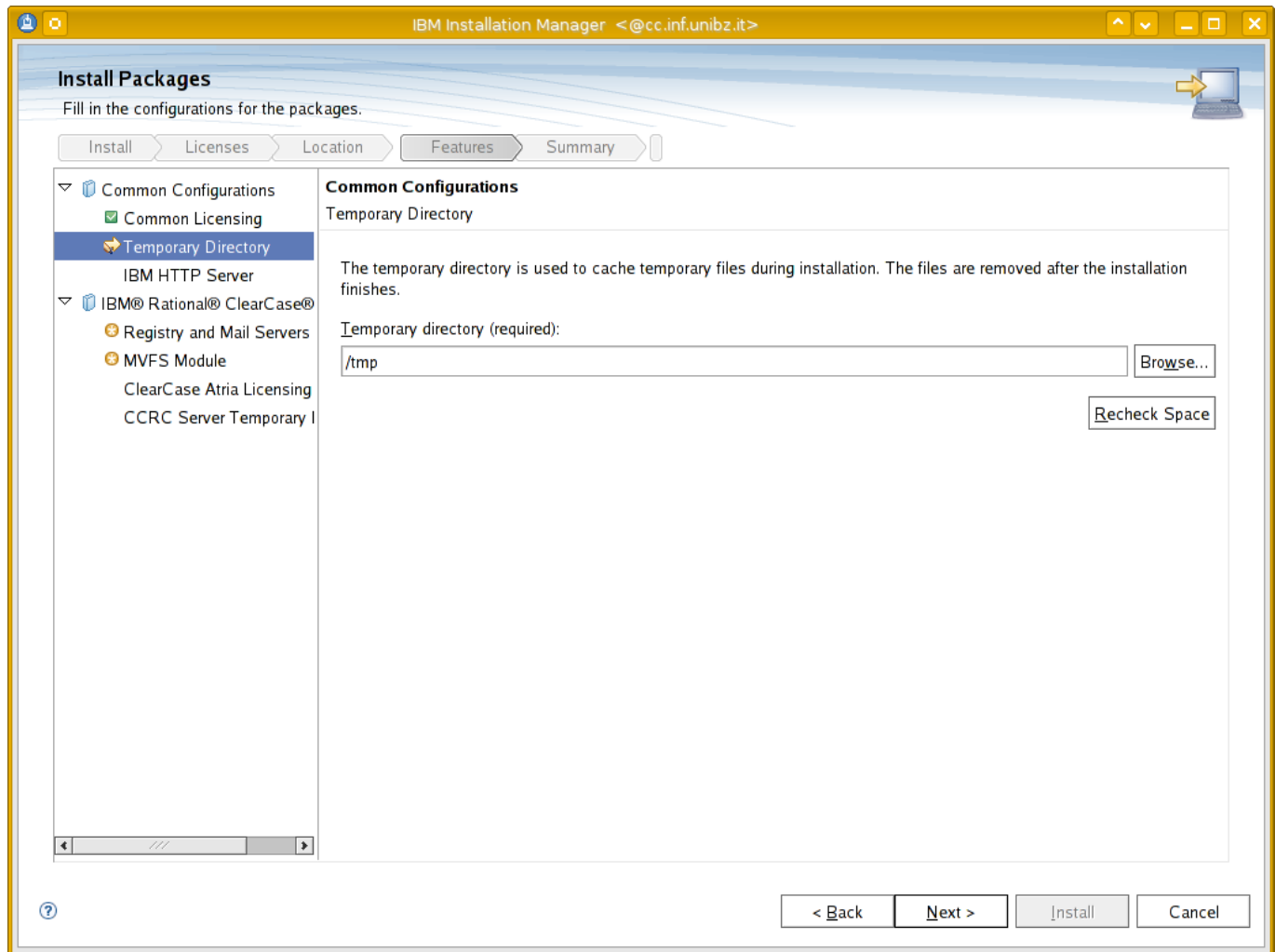
Next >

Install

Cancel

https://wiki.inf.unibz.it/

Printed on 2024/04/26 16:03



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

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

< Back

Next >

Install

Cancel

https://wiki.inf.unibz.it/

Printed on 2024/04/26 16:03

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

## 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):

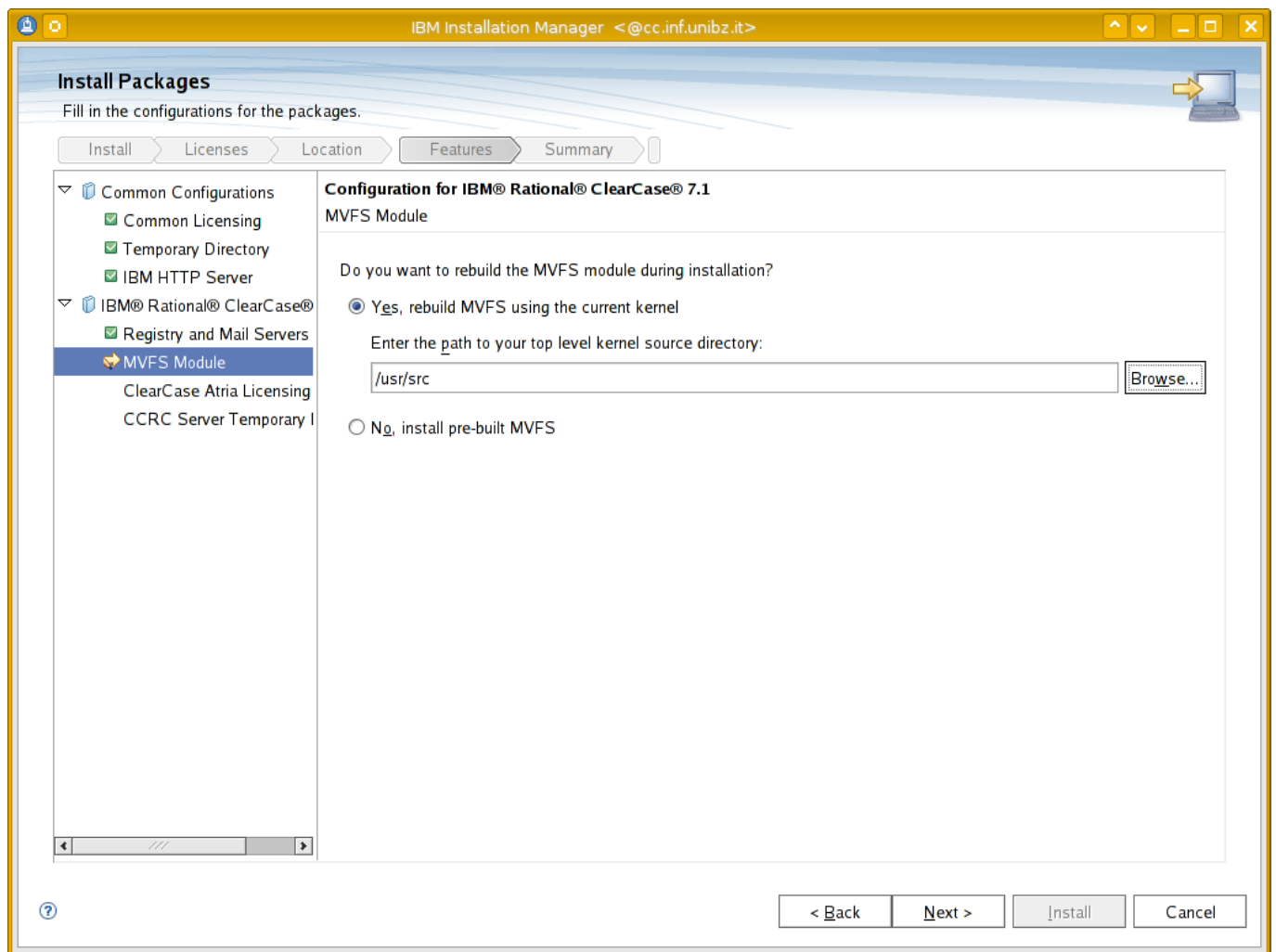
A network region defines a namespace of VOB and view tags.

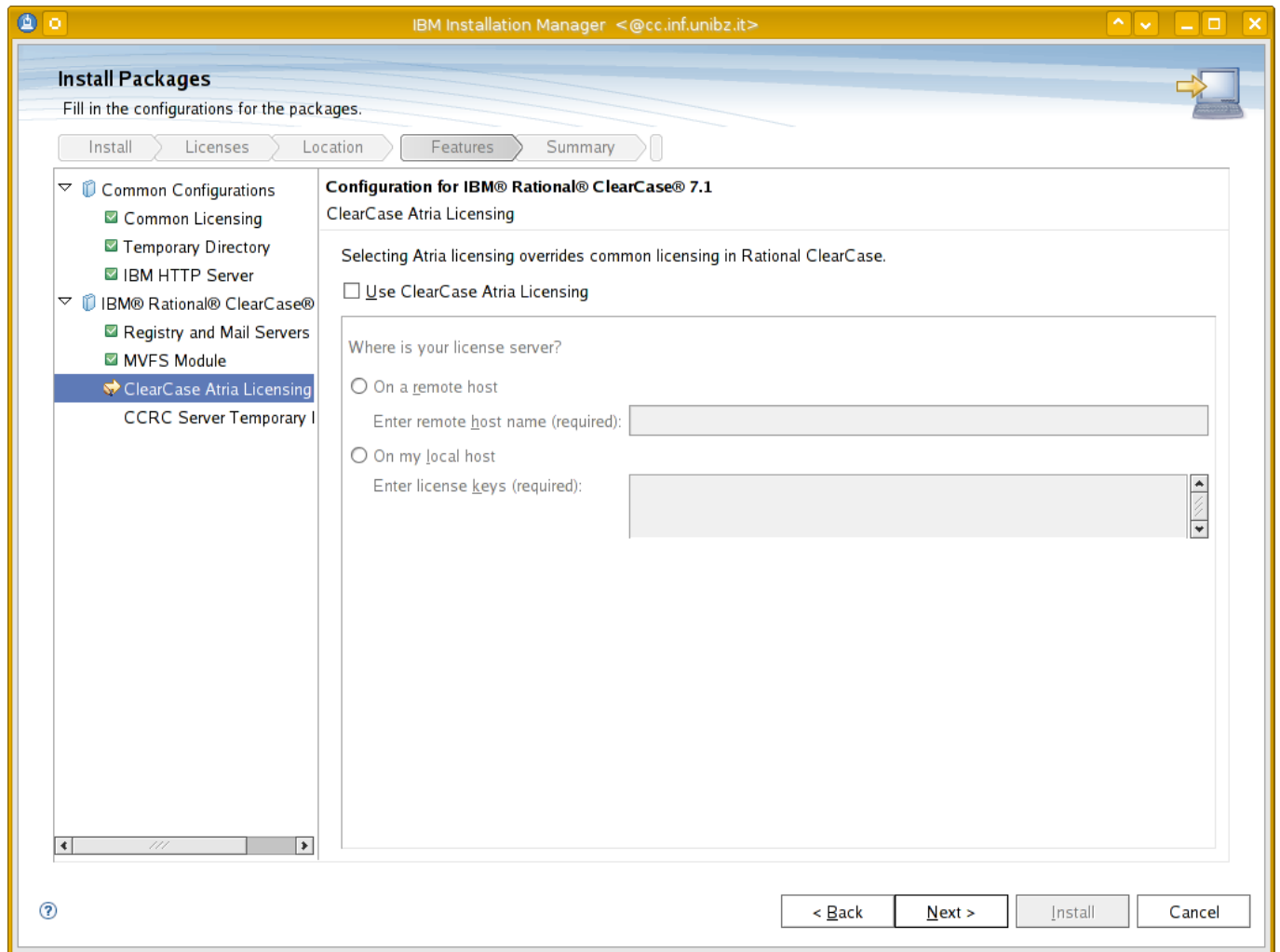
UNIX registry region (required):

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

SMTP Mail server host name:

< Back Next > Install Cancel





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

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

< Back

Next >

Install

Cancel

<https://wiki.inf.unibz.it/>

Printed on 2024/04/26 16:03



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

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

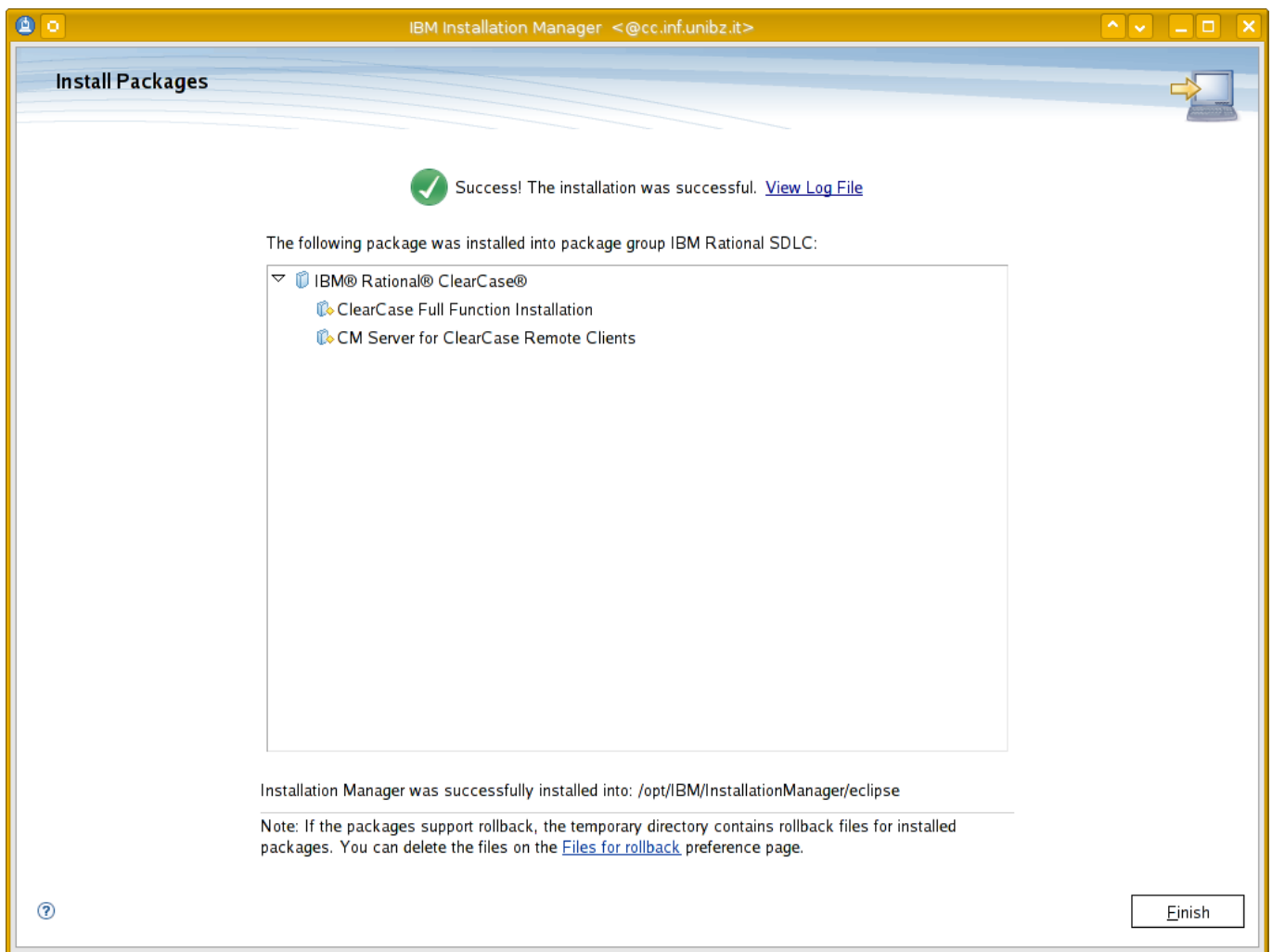
?

< Back

Next >

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
```

— [kohofer](#) 2010/06/03 15:09

From:

<https://wiki.inf.unibz.it/> - **Engineering-Tech Wiki**

Permanent link:

[https://wiki.inf.unibz.it/doku.php?id=public:install\\_clearcase\\_7.1\\_linux\\_redhat&rev=1275570691](https://wiki.inf.unibz.it/doku.php?id=public:install_clearcase_7.1_linux_redhat&rev=1275570691)

Last update: **2019/01/16 10:03**

