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Creating Patch Install Areas for IBM Rational Tools

Ronald D. Ross (rross@spkaa.com)

In this article we want to talk about how to create install patch areas for 7.0.1 releases of IBM Rational tools. With the advent of 7.1, there is now something called the Installation Manager, which handles matters related to install and patching very well. But for older releases, a more manual approach is called for, which can be a bit mysterious if one has not previously dealt with it. Since these older releases are still very prevalent, it's worth looking at the details of how to create a patched install area.

The first (and obvious) thing that needs to be done is to acquire the base version of any software to be patched. These can be downloaded from IBM and usually come with a cryptic name. Here are some examples of IBM Rational tool packages:

C11QHML - ClearCase 7.0.1

C11QJML - ClearQuest 7.0.1

C11QLML - RequisitePro 7.0.1

C11R2NA - TestManager 7.0.1

😂 ccase_7.0.1.0					
File Edit View Favorites Tools Help					
🔇 Back 👻 🕥 - 🏂 🔎 Search 🞼 Folders 🛄 -					
Address 🛅 \\europe\ccase_rls\ccase_7.0.1.0					💌 🋃 Go
Folders	×	Name 🔺	Size	Туре	Date Modified
 ⊕ ⊇ 2003.06.15 ⇒ ⊂ case_7.0.1.0 ⊕ ⊇ ClearQuest_7.0.1_Win ⊕ ⊇ Cl1QHMzip ⊕ ① Cl1QHMzip ⊕ ① Cl1QLML.zip ⊕ ① Cl1R2NA.zip ⊕ □ ccase_7.0.1.9 ⊕ ⊂ ccase_7.1.1 ⊕ ⊂ ccase_7.1.1 ⊕ ⊂ ccase_7.1.2 		ClearQuest_7.0.1_Win Patches C11QHML.zip C11QHML.zip C11QLML.zip C11QLML.zip C11RZNA.zip	1,257,381 kB 1,983,041 kB 757,575 kB 517,757 kB	File Folder File Folder Compressed (zippe Compressed (zippe Compressed (zippe	7/16/2010 2:43 PM 6/29/2011 4:50 PM 7/9/2010 2:41 PM 7/9/2010 3:12 PM 11/29/2007 11:15 AM 11/29/2007 12:18 PM

In the screenshot above, we can see zip files for all the previously mentioned Rational software packages. We note that one of these (ClearQuest) has been expanded into a directory from the zip file. Our install example will be using ClearCase, so expanding the ClearCase zip file acquired from IBM (C11QHML) is then the next step:



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😂 ccase_7.0.1.0					
File Edit View Favorites Tools Help					2
🔇 Back 🔹 🕥 - 🏂 🔎 Search 🎼 Folders 🏢 •					
Address 🛅 \\europe\ccase_rls\ccase_7.0.1.0					💌 🋃 Go
Folders	×	Name 🔺	Size	Туре	Date Modified
 € 2003.06.15		ClearQuest_7.0.1_Win Patches ClearQuest_c. Cli Search Cli Extract All Cli Extract All Cli Scan for threats Make Available Offli Open With WinMerge Send To Cut Copy		File Folder File Folder Compressed (zippe Compressed (zippe Compressed (zippe	7(16/2010 2:43 PM 6/29/2011 4:50 PM 7/9/2010 2:41 PM 7/9/2010 3:12 PM 11/29/2007 11:15 AM 11/29/2007 12:18 PM

As seen in the screenshot above, right click on the ClearCase zip file and select "Extract All..."



Click Next to begin uncompressing the zip file.



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Extraction Wizard	
Select a Destinati Files inside the Z choose.	P archive will be extracted to the location you
	Select a folder to extract files to. Files will be extracted to this directory:
N/h	Veurope\ccase_rls\ccase_7.0.1.0\C11QHML Browse
	Password
VIT	Eutrophica
	< Back Next > Cancel

Note that the default folder into the zip file will be decompressed has the same name as the zip file itself. This is not especially useful, due to the mostly meaningless name. Edit the directory window to give the directory folder a meaningful name:

Extraction Wizard Select a Destinati Files inside the Z choose.	on IP archive will be extracted to the location you
	Select a folder to extract files to. Files will be extracted to this directory: e\ccase_rts\ccase_7.0.1.0 ⁺ ClearCase_7.0.1_Win Browse Password Extracting
	< Back Next > Cancel

Click Next to begin the extraction.



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Ccase 7.0.1.0					
A Select a Destinatio Files inside the ZIF choose.	n Parchive will be extracted to the location you				👻 🋃 Go
F	Select a folder to extract files to. Files will be extracted to this directory: e\ccase_r(s\ccase_7.01.0\ClearCase_7.01_Win) Browse., Password Extracting KBack Next> Cancel	Name ClearQuest_7.0.1_Win Patches Cl1QHML.zp Cl1QHL.zp Cl1QML.zp Cl1QLML.zp Cl1R2NA.zp ClaarCase_7.0.1_Win	5іге 1,257,381 КВ 1,963,041 КВ 757,575 КВ 517,757 КВ	Type File Folder File Folder Compressed (zippe Compressed (zippe Compressed (zippe File Folder	Date Modified 7/16/2010 2:43 PM 6/29/2011 4:50 PM 7/9/2010 2:41 PM 7/9/2010 3:12 PM 11/29/2007 11:15 AM 11/29/2007 12:16 PM 6/30/2011 2:03 PM

We can see the bar graph monitoring the extraction progress, and also creating the extraction directory which is marked in red. When the extraction completes, we will see the screenshot shown next:

Extraction Wizard	
Extraction Complete Files have been suc	ccessfully extracted from the ZIP archive.
	Files have been successfully extracted to the following directory: \\europe\ccase_rls\cca\ClearCase_7.0.1_Win To see your extracted files, check the box below: ✓ Show extracted files Press finish to continue.
	CBack Finish Cancel

The file extraction is completed, uncheck the "Show extracted files" checkbox (unless you want another window opened) and click Finish. We are now ready to create an install area. First navigate down into the directory just created from the zip file:



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ClearCase_7.0.1_Win				1	
File Edit View Favorites Tools Help					1
🔇 Back 🔹 🕥 - 🏂 🔎 Search 💫 Folders 🔢					
Address 🛅 \\europe\ccase_rls\ccase_7.0.1.0\ClearCase_7.0.1_Win				*	🔁 Go
Folders	×	Name 🔺	Size	Туре	Date M
₩ 🦳 2003.06.15	~	C doc		File Folder	6/30/20
🖃 🦳 crase 7:0.1.0		🚞 resdll		File Folder	6/30/20
€ ClearCase 7.0.1 Win		C SETUP		File Folder	6/30/20
E ClearQuest 7.0.1 Win		SITEPREP		File Folder	6/30/20
		autorun.inf	1 KB	Setup Information	3/11/20
E C110HML.zin		Sanner.bmp	83 KB	Bitmap Image	5/17/20
E CIIOIM zip		🔊 libatriagu.dll	8 KB	Application Extension	5/17/20
E CIIOM zin		Mfc42.dll	973 KB	Application Extension	7/15/20
E CIIR2NA zin		🕋 miniBom. xml	420 KB	XML Document	6/14/20
E Case 7.019		🗔 setup.exe	2,247 KB	Application	4/19/20
		siteprep.exe	723 KB	Application	4/13/20
E Case 7.1		Suite.ico	9 KB	Icon	3/11/20
III Case 7.1.1					22.22
E Case 7.1.2					
	~	<			>

Double click on the *siteprep.exe* executable to start the process. We see the resulting popup in the next screenshot.

🚼 IBM Rational Site Preparation Tool - <new document=""></new>	
IBM Rational Site Preparation Tool Click one of the buttons below to begin.	
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Rational software Image: Software Image: Software Image: Software Image: Software <th></th>	
<back next=""></back>	Finish Cancel

We will create a new installation profile for ClearCase 7.0.1.12, click the New button.



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New	
Products available:	
IBM Rational ClearCase	
_ Description	
Comprehensive software configuration management that	Select
development process. Features Snapshot and Dynamic Views, advanced build management, and Unified Change	Cancel
Management.	Help

Make sure that the product, IBM Rational ClearCase, is selected, then click on Select.

📲 IBM Rational Site Preparati	on Tool - <new document=""></new>
IBM Rational ClearCase	
 IBM Rational ClearCase Upgrade Warning Installation Directory Client or Server Features Service Account Registry and Mail Servers Remote Administration MVFS Case Sensitivity MVFS Settings ClearCase File Server (CCFS) Start Menu Shortcuts: ClearCase Start Menu Shortcuts: Administration 	Configure IBM Rational ClearCase Enter the desired settings in the pages that follow. You may visit the pages in order by clicking the Back or Next buttons. You may visit any page directly by clicking in the list on the left. All settings have defaults, except for those labeled "(required)". Configuration cannot be completed until all required items have been entered. Pages with one or more required items are marked with a red dot icon.
	< Back Next > Finish Cancel

We will now proceed to run through all the install options, the results of which will be recorded in a "sitedef" file. This file will provide the options for future install operations. Click Next.



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We now begin to run through all the install screens which may, or may not, need input when constructing the sitedef file. There isn't a great deal to say about much of this, on each page, simply select the option(s) that make sense for your site and keep clicking Next. Minimal commentary will be offered, so at this point, click Next.



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😵 IBM Rational Site Preparati	on Tool - <new document=""></new>	
Installation Directory Enter the IBM Rational installation dire	ectory.	
· 🕞 📕 🖳 🕐 🕶		
 IBM Rational ClearCase. Upgrade Warning Installation Directory⁸ Client or Server Features Service Account Registry and Mail Servers Remote Administration MVFS Case Sensitivity MVFS Settings ClearCase File Server (CCFS) Start Menu Shortcuts: ClearCase Start Menu Shortcuts: Adminis 	Where do you want to install your IBM Rational products? IBM Rational installation directory: Neurope\ccase_rls\Rational_7.0.1.12\ClearCase_7.0.1.12_Win	Browse
	K Back Next > Finish	Cancel

Change the network installation location to whatever fits your site and then click Next.

🔡 IBM Rational Site Preparati	on Tool - <new document=""></new>	
Client or Server Configure a ClearCase client or a Clea	arCase server.	1
1 🗁 📓 🖳 🕐 🕶		
 IBM Rational ClearCase Upgrade Warning Installation Directory Client or Server Features Service Account Registry and Mail Servers Remote Administration MVFS Case Sensitivity. MVFS Settings ClearCase File Server (CCFS) Start Menu Shortcuts: ClearCase Start Menu Shortcuts: Adminis 	Do you want to configure a ClearCase client or a ClearCase server? Client Server	
	<back next=""> Finish</back>	Cancel

Decide what type of install configuration is being created and click Next.



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Features Select the features you want installed	1.	01
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 IBM Rational ClearCase Upgrade Warning Installation Directory Client or Server Features Service Account Registry and Mail Servers Bernote Administration 	IBM Rational ClearCase IBM Rational ClearCase Client for VS.NE Local views and VOBs MVFS	r
 MVFS Case Sensitivity MVFS Settings ClearCase File Server (CCFS) Start Menu Shortcuts: ClearCa Start Menu Shortcuts: Adminis 	Comprehensive software configuration management that helps to everything that evolves in the development process. Features Sr Views, advanced build management, and Unified Change Manag	ams control apshot and Dynamic gement.

Include or exclude whatever is needed for this particular install configuration, click Next.

Enter the ClearCase service account information:	unt for ClearCase ser in (required): User Name (required): prd (required):	tver processes. d): sxxxxxxxx xxxxxxxxx	DRATE ise_albd	
 IBM Rational ClearCase Upgrade Warning Installation Directory Client or Server Features Service Account* Registry and Mail Servers Remote Administration 	unt for ClearCase ser in (required): : User Name (require iired): ord (required):	d): clearca	DRATE ise_albd	
 IBM Rational ClearCase Upgrade Warning Installation Directory Client or Server Features Service Account* Registry and Mail Servers Remote Administration 	unt for ClearCase ser in (required): User Name (require iired): ord (required):	rver processes. CORFO d): clearca	DRATE ise_albd	•
 Installation Directory Client or Server Features Service Account* Registry and Mail Servers Remote Administration The service account 	in (required): : User Name (require iired): ord (required):	d): clearca	DRATE ise_albd	
Client or Server Features Service Account* Registry and Mail Servers Remote Administration The service account	User Name (require) iired): ord (required):	d): clearca	se_albd	
Features Service Account* Registry and Mail Servers Remote Administration The service account	iired): ord (required):	******		
Service Account* Confirm Password Registry and Mail Servers Remote Administration The service account	ord (required):	******		
Registry and Mail Servers Confirm Passwer Image: Server service account The service account	ord (required):	******		
Remote Administration The service account		A		
MVFS Case Sensitivity the ClearCase Admir	t must be a member histrators group.	of		
MVFS Settings ClearCase Adm	inistrators group	atria		
ClearCase File Server (CCFS) [required]:		10000		
Start Menu Shortcuts: ClearCa Encrypt LlearLa	ase Administrators gr	roup T		
📄 Start Menu Shortcuts: Adminis ⊻				
			C reason f	

Enter your site's domain, server process, password and group. Click Next.



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Registry and Mail Servers Configure servers and network region	s.	
IBM Rational ClearCase Upgrade Warning Installation Directory Client or Server Features Service Account* Registry and Mail Servers Remote Administration MVFS Case Sensitivity MVFS Settings ClearCase File Server (CCFS) Start Menu Shortcuts: ClearCase	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. Windows registry region (required): UNIX registry region: The SMTP mail server is used to send ClearCase e-mail notifications. SMTP Mail server host name:	
Start Menu Shortcuts: Adminis 🛩		
	< Back Next > Finish	Cancel

Again, enter the site's registry server, region names and mail server name. Click Next.

😤 IBM Rational Site Preparati	on Tool - <new document=""></new>	\mathbf{X}
Remote Administration Configure ClearCase Remote Administ	ration	11
IBM Rational ClearCase Upgrade Warning Installation Directory Client or Server Features Service Account* Registry and Mail Servers* Remote Administration MVFS Case Sensitivity MVFS Settings ClearCase File Server (CCES)	Do you want to enable remote administration for ClearCase? Yes, allow access No, do not allow access	
Start Menu Shortcuts: ClearCa	< Back Next > Finish	Cancel

Select the appropriate option, and click Next.



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MYF3 Lase Sensitivity Configure MVFS filename settings.	
 IBM Rational ClearCase Upgrade Warning Installation Directory Client or Server Features Service Account* Registry and Mail Servers* Remote Administration MVFS Case Sensitivity MVFS Settings ClearCase File Server (CCFS) Start Menu Shortcuts: ClearCase Start Menu Shortcuts: Administration 	 Case Insensitive Check this item if you want to use Windows-style case-insensitive file lookup. Clear this item if you want to use UNIX-style case-sensitive file lookup. The MVFS will also preserve the case of view-private filenames. Case Preserving Check this item if you want to preserve the case of view-private filenames. Clear this item if you want to convert view-private filenames to lowercase.

Decide how to configure case sensitivity and click Next.

🕌 IBM Rational Site Preparati	on Tool - <new document=""></new>	×
MVFS Settings Configure additional MVFS settings.		1
Image: Second state Image: Second state Ima	Drive letter used to mount dynamic views:	M: 💌
 Client or Server Features Service Account* Registry and Mail Servers* Remote Administration MVFS Case Sensitivity* MVFS Settings ClearCase File Server (CCFS) Start Menu Shortcuts: ClearCa Start Menu Shortcuts: Adminis 	Set the scaling factor for initializing MVFS cache sizes. Scaling factor: Maximum number of mnodes to keep on the VOB free list: Maximum number of mnodes to keep for the cleartext free list:	1 v 1800
	< Back Next >	Finish Cancel

Accept the defaults, or choose your own, and click Next.



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 IBM Rational ClearCase Upgrade Warning Installation Directory Client or Server Features Service Account[*] Registry and Mail Servers[*] Remote Administration MVFS Case Sensitivity[*] MVFS Settings[*] ClearCase File Server (CCFS)[*] Start Menu Shortcuts: ClearCa Start Menu Shortcuts: Adminix Immodeline 	ClearCase File Server (CCFS) Configure CCFS for accessing UNIX \	/OBs.	1
	 IBM Rational ClearCase Upgrade Warning Installation Directory Client or Server Features Service Account[*] Registry and Mail Servers[*] Remote Administration MVFS Case Sensitivity[*] MVFS Settings[*] ClearCase File Server (CCFS)[*] Start Menu Shortcuts: ClearCase Start Menu Shortcuts: Adminic 	Do you want to enable CCFS for this installation? Yes, enable CCFS No, disable CCFS	

Choose whether you want CCFS (ClearCase File System) enabled and click Next.

Start Menu Shortcuts: ClearCas Create shortcuts for the selected entri	se es.				1
 IBM Rational ClearCase Upgrade Warning Installation Directory Client or Server Features Service Account* Registry and Mail Servers* Remote Administration MVFS Case Sensitivity* MVFS Settings* ClearCase File Server (CCFS)* Start Menu Shortcuts: ClearCase Start Menu Shortcuts: Adminis v 	Start Menu shortcuts for the ClearCase Explorer Yersion Tree Browser History Browser Find Checkouts Create View ApplyLabel Wizard Online Help ClearCase Tutorial Context Menu Editor User Preferences ClearTool Merge Manager Remove View Type Explorer ClearCase Home Base	e ClearCase f	older:		
		< Back	Next >	Finish	Cancel

Configure start menu shortcuts and click Next.



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Image: Start Menu shortcuts for the ClearCase Administration folder: Installation Directory Client or Server Features Service Account* Registry and Mail Servers* Remote Administration MVFS Case Sensitivity* MVFS Settings* ClearCase File Server (CCFS)* Start Menu shortcuts for the ClearCase Administration folder:	ion Tool - «New Document» ration les.	Start Menu Shortcuts: Adminis Create shortcuts for the selected en
Start Menu Shortcuts: Adminis Start Menu Shortcuts: Integra	Start Menu shortcuts for the ClearCase Administration folder: ClearCase Report Builder ClearCase Doctor Create V0B Administration Console Server Storage Wizard Log Browser MultiTool Region Synchronizer V0B Administration Browser Host Administration Mount V0B Ummount V0B MultiSite Help	Upgrade Warning Installation Directory Client or Server Features Service Account" Registry and Mail Servers" Remote Administration MVFS Case Sensitivity" MVFS Settings" ClearCase File Server (CCFS) Start Menu Shortcuts: ClearCa Start Menu Shortcuts: Adminis Start Menu Shortcuts: Adminis

Configure the administration folder choices and click Next.

🕌 IBM Rational Site Preparati	on Tool - <new document=""></new>	×
Start Menu Shortcuts: Integration Create shortcuts for the selected entrie	DNS 25%	
 Installation Directory Client or Server Features Service Account* Registry and Mail Servers* Remote Administration MVFS Case Sensitivity* MVFS Settings* ClearCase File Server (CCFS)* Start Menu Shortcuts: ClearCa Start Menu Shortcuts: Integra Customize Context Menu: Wir version 	Start Menu shortcuts for the ClearCase Integrations folder: ClearQuest Integration Configuration ClearQuest Integration Query Web Authoring Integration Configuration Microsoft Word Integration Configuration JBuilder Integration Configuration	
	<pre></pre>	Cancel

Select the integrations needed at your site, and click Next.\



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Customize Context Menu: Windo Customize the context menu for Windo	iws Explorer.	
Client or Server Features Service Account* Registry and Mail Servers* Remote Administration MVFS Case Sensitivity* MVFS Settings* ClearCase File Server (CCFS)* Start Menu Shortcuts: ClearCa Start Menu Shortcuts: ClearCa Start Menu Shortcuts: Integra Customize Context Menu: Wir Customize Context Menu: Cle.	Do you want to specify a context menu customization file for Windows Explorer? No. use the default context menu Yes, use this customization file:	Browse

Point to your Windows Explorer context menu customation file (or not) and click Next.

🖁 IBM Rational Site Preparati	on Tool - <new document=""></new>	\mathbf{X}
Customize Context Menu: Clear Customize the context menu for Clear	Case Explorer Case Explorer.	11
[* 😂 📕 🖳 ⊘▼		
 Features Service Account* Registry and Mail Servers* Remote Administration MVFS Case Sensitivity* MVFS Settings* ClearCase File Server (CCFS)* Start Menu Shortcuts: ClearCate Start Menu Shortcuts: Integra Customize Context Menu: Wir Customize Context Menu: ClearCate Customize Tool Shortcuts: ClearCate 	Do you want to specify a context menu customization file for ClearCase Explorer? No, use the default context menu Yes, use this customization file:	Browse
	<back next=""> Finish</back>	Cancel

Point to your ClearCase Explorer context menu customation file (or not) and click Next.



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Customize 1 ool Shortcuts: Clear Customize the tool shortcuts for Clear	r Case Explorer Case Explorer.	1
 Service Account* Service Account* Registry and Mail Servers* Remote Administration MVFS Case Sensitivity* MVFS Settings* ClearCase File Server (CCFS)* Start Menu Shortcuts: ClearCa Start Menu Shortcuts: Integra Customize Context Menu: Cle. Customize Tool Shortcuts: Cle Dasktop Shortcut 	Do you want to specify a tool shortcuts customization file for ClearCase Explorer? No, use the default tool shortcuts Yes, use this customization file:	Browse

Reference any or none ClearCase Explorer customization file, and click Next.



Decide if a desktop shortcut is appropriate and click Next.



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License Manager Select the desired licensing software.	•	D 11
Remote Administration MVFS Case Sensitivity* MVFS Settings* ClearCase File Server (CCFS)* Start Menu Shortcuts: ClearCa Start Menu Shortcuts: ClearCa Start Menu Shortcuts: Integra Customize Context Menu: Wir Customize Context Menu: Clear Customize Context Menu: Clear Customize Tool Shortcuts: Clear Desktop Shortcut* License Manager* IBM Rational Licensing	Which license manager do you want to use?	

Specify the type of licensing to be used, and click Next.



Click Next and then configure (in this example) the FLEXIm licensing.



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IBM Rational License Server (p Enter the TCP/IP port and the hostna	ame of one or more license servers.
Korrent State Menu: Shortcuts: ClearCase File Server (CCFS)* Start Menu Shortcuts: ClearCase Start Menu Shortcuts: Adminis Start Menu Shortcuts: Integra Customize Context Menu: Wir Customize Context Menu: Clear Customize Context Menu: Clear Customize Tool Shortcuts: Cle Desktop Shortcut* License Manager* IBM Rational Licensing	Enter the TCP/IP port and hostname of one or more single license servers, separating the server names with a semicolon. If you are entering redundant license servers, specify up to three servers separating the 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 Rational License Key Administrator. Example: 27000@ss1;27000@ss2;27000@rs1,27000@rs2,27000@rs3;27000@ss3 License server element(s): [27001@lic_server
Sompletion	

Set the port number and license server(s) and click Next.

🕌 IBM Rational Site Preparati	on Tool - <new document=""> 🛛 🔀</new>
Completion	
ClearCase File Server (CCFS)* Start Menu Shortcuts: ClearCa Start Menu Shortcuts: Adminis Start Menu Shortcuts: Adminis Start Menu Shortcuts: Integra Customize Context Menu: Wir Customize Context Menu: Clear Customize Tool Shortcuts: Clear Desktop Shortcut* License Manager* IBM Rational Licensing IBM Rational License Server I Completion Completion	Completion The following page(s) allow you to launch product installations using the settings you have entered.
	< Back Next > Finish Cancel

Click Next and go to the description page.



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Description Enter a short description for this confi	guration.	
Start Menu Shortcuts: ClearCe Start Menu Shortcuts: Adminis Start Menu Shortcuts: Adminis Start Menu Shortcuts: Integra Customize Context Menu: Wir Customize Context Menu: Cle. Customize Tool Shortcuts: Cle Desktop Shortcut* License Manager* IBM Rational Licensing IBM Rational License Server I Completion Completion	Configuration description (required): [ClearCase patch 7.0.1.12 for client machine installs.	
Create Release Area	<back next="" =""> Fit</back>	nish Cancel

Enter a description for this install configuration and click Next.

IBM Rational Site Preparati	ion Tool - <new document=""> 🛛 🔀</new>
Create Release Area Enter the path for the Release Area a	ind the Site Defaults file name.
📑 🗁 📕 🖳 🔿 🕶	
Start Menu Shortcuts: Adminis Start Menu Shortcuts: Integra Customize Context Menu: Wir Customize Context Menu: Cle	The Release Area will be created in the network share specified below (UNC syntax is recommended). Path to the Release Area (required): Neurope\ccase_rls\Rational_7.0.1.12\ClearCase_7.0.1.12_Win\
 Customize I ool Shortcuts: Lie Desktop Shortcut* License Manager* IBM Rational Licensing IBM Rational License Server I Completion Description* Create Release Area* 	Browse The configuration settings will be stored in the Site Defaults file specified below. The Site Defaults file will be stored in the Release Area. Site Defaults file name (required): sitedefs_client.dat
	< Back Next > Finish Cancel

Enter name and location of new "sitedef" file (likely same as installation) and click Next.



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Create Release Area Enter the path for the Release Area a	nd the Directory does not exist:	
Start Menu Shortcuts: Adminis Start Menu Shortcuts: Integra Start Menu Shortcuts: Integra Customize Context Menu: Wir Customize Context Menu: Cle- Customize Tool Shortcuts: Cle Desktop Shortcut* License Manager* IBM Rational Licensing IBM Rational License Server I	\\europe\ccase_rls\Rational_7.0.1.12\ClearCase_7.0.1.12_Win Do you want to create it? The reco Yes No Pathee we recover new programmer; \\europe\ccase_rls\Rational_7.0.1.12\ClearCase_7.0.1.12_Win Browse The configuration settings will be stored in the Site Defaults file specified below. The Site Defaults file name (required):	
Create Release Area*	sitedefs_client.dat < Back	

If the directory does not exist, you will be prompted to create it. Again, usually what is wanted is for the network install area to be the same as where the "sitedefs" file will be created. All that is then necessary is to navigate to this location, and click on the sitedefs file shortcut (not the actual file) and the install will begin.

We have not tried specifying different locations for the network install area and the sitedefs file. If you want to experiment with this, do whatever is best for your specific situation.

1	IBM Rational Site Preparation Tool		
	(į)	A shortcut called \\europe\ccase_rls\Rational_7.0.1.12\ClearCase_7.0.1.12_Win\sitedefs_client.Ink was created for this SitePrep data file. You may run setup with this data file by simply clicking this shortcut in Windows Explorer.	
		OK	

This pop-up repeats what was mentioned earlier, double-click on the sitedefs file shortcut to initiate an installation.



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Now that all the options have been specified for the install, we will now proceed with creating the actual network install area that we previously specified. Click Next.

🛪 Software License Agreement 🛛 🔀
Please read the accompanying license agreement carefully before using the Program. By selecting "Accept" below or using the Program, you agree to accept the terms of this agreement. If you select "Decline", installation will not be completed and you will not be able to use the Program.
IMPORTANT: READ CAREFULLY
Two license agreements are presented below.
1. IBM International License Agreement for Evaluation of Programs 2. IBM International Program License Agreement
If you are obtaining the Program for purposes of productive use (other than evaluation, testing, trial "try or buy," or demonstration): By clicking on the "Accept" button below, You accept the IBM International Program License Agreement, without modification.
If you are obtaining the Program for the purpose of evaluation, testing, trial "try or buy," or demonstration (collectively, an "Evaluation"): By clicking on the "Accept" button below, You accept both (i) the IBM International License Agreement for Evaluation of Programs (the "Evaluation License"), without modification; and (ii) the IBM International Program License Agreement (the "IPLA"), without modification.
Read non-IBM terms
·
Accept Decline

Click Accept on the IBM licensing agreement.



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📸 IBM Rat	ional ClearCase - Setup Wizard	
Create a Release Area The Setup Wizard is creating a release area from which you can complete the installation of IBM Rational ClearCase.		
17	Please wait while the release area is created.	
	Status:	
	Validating install	
InstallShield –		
	< Back Next >	Cancel

First you will see this while the install area is validated. Then the next pop-up will appear.

😼 IBM Rat	ional ClearCase - Setup Wizard		
Create a Re The Setup V complete the	Create a Release Area The Setup Wizard is creating a release area from which you can complete the installation of IBM Rational ClearCase.		
B	Please wait while the release area is created.		
	Status:		
	Copying new files		
	File: icudtratl36.dll, Directory: \\europe\ccase_rls\Ration: 10166272		
InstallShield –	< Back Next >	Cancel	

This pop-up shows the progress copying new files (installing in the network area). Eventually this will complete, and the pop-up in the screenshot below will be presented.



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🔀 IBM Rational ClearCase	- Setup Wizard 🛛 🛛 🛛
Rational. software	Setup Complete
	You have successfully created a release area for IBM Rational ClearCase. Users can now install IBM Rational ClearCase from this area. Installation will use the release area's predefined configuration settings.
IBM.	
	Take me to IBM developerWorks:Rational
InstallShield	«Back Finish Cancel

At this point, we now have a fully configured installation area for ClearCase 7.0.1.0. Uncheck the tick-box and click Finish. You are now ready to install ClearCase 7.0.1.0 on any client machine. But that's not all that we wanted to demonstrate in this paper, is it? What we wanted was a fully patched version of ClearCase to be available for installs. That means we need to update the newly created network install area to include the latest ClearCase patches. As of this writing, that patch level is 7.0.1.12.

As with creating an install area, the first step to installing a patch is to downloatch the patch file from IBM. Once this has been obtained, a Windows line command is needed to to install the patch onto the newly created ClearCase install area. Examples of such commands are given below for ClearCase, ClearQuest, RequisitePro, and TestManager.

```
msiexec /a
\\europe\ccase_rls\Rational_7.0.1.12\ClearCase_7.0.1.12_Win\SETUP\1033_ClearCase.msi /p
\\europe\ccase_rls\Rational_7.0.1.12\7.0.1.12-RATL-RCC-WIN-en-US-FP12.msp /lv*
\\europe\ccase_rls\Rational_7.0.1.12\CC_12.log
```

msiexec /a \\europe\ccase_rls\Rational_7.0.1.12\ClearQuest_7.0.1.12_Win\SETUP\1033_ClearQuest.msi



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/p \\europe \ccase_rls Rational_7.0.1.12 7.0.1.12-RATL-RCQ-WIN-en-US-FP12.msp /lv* \ europe \ccase_rls Rational_7.0.1.12 CQ_12.log

msiexec /a

\\europe\ccase_rls\Rational_7.0.1.12\RequisitePro_7.0.1.12_Win\Setup\1033_rmbuRequisitePr o.msi /p \\europe\ccase_rls\Rational_7.0.1.12\7.0.1.12-RATL-RRP-WIN-en-US-FP12.msp /lv* \\europe\ccase_rls\Rational_7.0.1.12\RP_12.log

msiexec /a

\\europe\ccase_rls\Rational_7.0.1.12\TestManager_7.0.1.12_Win\SETUP\1033_atbuTestManag er.msi /p \\europe\ccase_rls\Rational_7.0.1.12\7.0.1.12-RATL-TSTMGR-WIN-en-US-FP12.msp /lv* \\europe\ccase_rls\Rational_7.0.1.12\TM_12.log

In the screenshot below, we see the new install area for ClearCase, along with the 7.0.1.12 patch bundles both outlined in red.



The following screenshot is of the Windows command line where we enter the patch install command line and initiate the patch install process. Noted in red is the Microsoft install package (1033 specifies English) which will be the object of the installation. Running the line command will initiate a series of pop-up windows which we will need to interact with.



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Above we see the line command entered and the initial popup. Below, the next pop-up appears which will check for sufficient space to conduct the patch install.



When the space check completes, click Next.



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Note that this is recognized as a 7.0.1.12 patch installation. Click Update to proceed.

😼 IBM Rational ClearCase - Setup Wizard 🛛 🛛 💽	
Ready to Install the Program The wizard is ready to begin installation.	1
Click Install to begin the installation.	
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.	
InstallShield	
< Back Install Cancel	

Click Install to begin the installation of patch files onto the install area.



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🔀 IBM Rat	ional ClearCase - Setup Wizard	
Create a Re The Setup V complete the	e lease Area Vizard is creating a release area from which you can e installation of IBM Rational ClearCase.	
1 7	Please wait while the release area is created.	
	Status:	
	Copying new files	
	File: libatriaview.dll, Directory: \\europe\ccase_rls\Rational: 251456	
InstallShield –	< Back Next >	Cancel

This bar graph displays the progress of installing the patch files.



We're done! Click Finish to complete, and you are ready to try installing a client machine from the freshly patched install area.