Configuring IBM Rational ClearTeam Explorer to use SimDiff 4

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Introduction

ClearTeam Explorer is an Eclipse-based user interface for IBM Rational ClearCase. It includes many of the features provided by the native ClearCase client, and can run on a broad range of systems.

Configuring ClearTeam Explorer to use SimDiff is a relatively straightforward process, and only involves changing a few settings in the ClearTeam Explorer Preferences.

Please note - the ClearTeam Explorer integration does not apply to the native ClearCase client. Integration with the native client is not recommended, due to limitations in the native client integration API. However, if native client integration is necessary, you may contact <u>support@ensoftcorp.com</u> for more information.

Procedure

First, SimDiff 4 needs to be configured as a *Compare/Merge* Provider in the *ClearTeam Explorer* preferences. Once the provider is configured, then the *Compare/Merge* settings can be configured to use the SimDiff 4 provider for files with the .mdl and .slx extension.

Configure SimDiff 4 as a Compare/Merge Provider

- 1. Open the ClearTeam Explorer Preferences
- 2. Navigate to the following section: (IBM Rational ClearTeam Explorer ▷ Integration ▷ Compare/Merge ▷ Manage Providers)
- 3. Create a new provider with the following settings:
 - Provider Name: SimDiff 4
 - Path: <SD4 installation directory>\simdiff4.exe
 - Check the Supports Compare Operations checkbox
 - Compare Operations Arguments:
 -compare -1 %contrib1% -r %contrib2%
 - Check the Supports Merge Operations checkbox
 - Merge Operations Arguments:

 merge -b %base% -l %contrib1% -r %contrib2% -o %merge_out%

 Merge Apply in the main Preferences dialog to save the main preferences dialog t
- 4. After the provider is created, press *Apply* in the main *Preferences* dialog to save the preferences

• Preferences	
type filter text	Compare/Merge Providers
General Help IBM Rational ClearTeam Explo GearTeam Explorer Gonnections Oilogs Groups Integration	Providers ated C M P Provider Name Path ated 3, 2013 11:43:28 PM C 24, 2013 12:22:57 PM 24, 2013 12:22:57 PM
 Compare/Merge Manage Providers Detect and Repair Dis Pending Changes Rebase and Deliver 	Editing provider SimDiff 4 Editing provider SimDiff 4
⊡ View Updates ⊡ Install/Update ⊡ Run/Debug ⊡ Team	Provider Name bimDiff 4 Path C:\Program Files (x86)\EnSoft\SimDiff 4\simdiff4.exe Browse V Supports Compare Operations
	Arguments: -compare -l %contrib1% -r %contrib2%
?	Supports Merge Operations Arguments: -merge -b %base% -l %contrib1% -r %contrib2% -o %merge_out% Insert Macro
	Supports Preprocessing Arguments: OK Cancel
Viev	

Configure the SimDiff 4 Provider to be used with MDL and SLX files

- 1. Open the *ClearTeam Explorer Preferences*
- 2. Navigate to the following section: (*IBM Rational ClearTeam Explorer* ▷ *Integration* ▷ *Compare/Merge*)
- 3. Check the box to Override the default tool for the following types
- 4. Add a new override with the following properties:
 - Resource type: *.mdl
 - Compare provider: SimDiff 4
 - Merge provider: SimDiff 4
- 5. Add a second override with the same properties, except using $\star.slx$ as the resource type

Preferences			IX
type filter text	Compare/Merge Preferences	$\Leftrightarrow \bullet \Rightarrow \bullet$	•
. ⊕. Help	After saving the merge output:		
 IBM Rational ClearTeam Explo 	Ask me what to do.	•	
Connections ⊡ Dialogs Groups	Show Line Numbers		
Integration	 Hide Base Contributor Pane Ignore Blank Spaces (Only for Compare) 		
Manage Providers Detect and Repair Dis	Automatically scroll to first difference or unresolved merge point		
Pending Changes Rebase and Deliver	 For Logical Model integrations, perform merges automatically if possible Always prompt before restarting merge 		
View Updates ⊕ Install/Update	✓ Insert BOM in UTF-8 merge output if any UTF-8 contributor contains BOM		
	When comparing and merging files		
	Use this tool as the default: ClearCase Integrated (UTF-8)	•	
	Override the default tool for the following types:		
	Resource Compare Provider Merge Provider Preprocessor *.mdl SimDiff 4 SimDiff 4	Add	
	*.slx SimDiff 4 SimDiff 4	Remove	
	Restore Defaults	Apply	F
?	ОК	Cancel	

References

- IBM Infocenter:
 - About the Rational ClearTeam Explorer
 - http://pic.dhe.ibm.com/infocenter/cchelp/v8m0r1/topic/com.ibm.rati onal.clearcase.help.ic.doc/topics/c_ctclnt.htm
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 - http://pic.dhe.ibm.com/infocenter/cchelp/v8m0r1/topic/com.ibm.rati onal.clearcase.ccrc.help.doc/topics/u_prefs_compare_merge.htm
 - Compare/Merge Providers Preferences
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