Reviewing element history and inspecting changes

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Displaying element history

To display the history of an element, do one of the following

• Right-click the element or its symbol. From the shortcut menu, select History.

«CORBATypedef» Price		Lock	>
		Specification	Enter
	B	History	Ctrl+H
	B	Content History	
		Symbol Properties	Alt+Enter
	æ	Select in Containment Tree	Alt+B
	品	Select in Inheritance Tree	
		Go To	>
		Display	>
		Related Elements	>
		Refactor	>
		Tools	>
		Edit Compartments	
		Stereotype	

- Select the element or its symbol and press Ctrl + H.
- Open the Specification window of the element and click the History button
- If it is a diagram, right-click an empty space on the diagram pane. From the shortcut menu, select History.

Detrieving the element history takes too much time, you can click the Stop button to complete reviewing changes through different versions of the selected element.

	Element history	
Th Ca	Retrieving element history	vindow, such as MagicDraw or a Cameo Suite product (i.e., I title is Usage History . The highlighted row indicates current
ch the		 panel's toolbar or perform the same actions as for opening

🚯 Book Histo	ory		
Book History			@ # ×
🖎 - 2 🖡 🔛	ŧ		
Project Version	Date	Author	Comment
⊡Today			
Current	N/A	aisale	N/A
···· #10	Wed, 18 Nov 2015 10:31:02 EET	jusbis	Reviewed. Updated Book's description.
⊡ This week			
··· #7	Tue, 17 Nov 2015 17:13:31 EET	aisale	Ready for review.
··· #6	Tue, 17 Nov 2015 17:12:37 EET	aisale	Working on design task.
··· #5	Tue, 17 Nov 2015 17:11:43 EET	aisale	Working on design task.
··· #4	Tue, 17 Nov 2015 17:10:15 EET	aisale	Working on design task.
··· #3	Tue, 17 Nov 2015 16:13:55 EET	aisale	Working on design task.
···· #2	Tue, 17 Nov 2015 16:11:13 EET	aisale	Working on design task.

A list of project versions in the History panel.

Godefault, the list of versions is stripped to a a small number of the latest versions. To see more versions, click the Show more results button under the list.

You can compare any two versions of an element to see the differences between them.

To display the history of an element in a used project

- 1. Open the element's Usage History panel, as described above.
- 2. Select the project version.
- 3. In the panel's toolbar, click the b button or right-click the selected version and select the Show History in Used Project command.

Comparing element versions

to compare project versions in the Teamwork Cloud environment, you are required to have a Read Resources permission for every used project in

compared versions.

To compare element versions

1. Hold down Ctrl and select the versions you want to compare.

始 can only compare two versions. Please note that if you select more than two items, only two (the latest and the earliest versions) will be
compared.
We want to compare subsequent versions, you only need to select the later one.

- 2. On the panel's toolbar, click the 🔯 🔭 button or right-click the selection and choose either:

 - Quick Diff to inspect changes of element property values (such as documentation, type, or multiplicity) in a compact form.
 Full Diff to inspect changes of diagrams or element property values in a detailed form, as well as look at the properties of new relationships and directly related elements (such as new or modified attributes and operations).

Book Hist	tory	
Book History	_	
🖄 • 💋 🐘 🖗	27 008	
Project Version		
⊡-Today #10		
⊡-This week #7 #6 #5 #3 #2	Quick Diff Image: Compare Projects	
Du can also choo	ose the same commands from	n the toolba

After you select the Quick Diff command, a dialog opens that shows changes in element property values (see the following figure). Different colors help identify new, modified, and deleted values. You can analyze exact changes in the textual value of the selected property in the Text Diff box. If you want to

see the original texts of both versions, click the Compare property values button in the toolbar of the dialog to open the **Compare property** dialog and then click **Original Texts**.

Quick Diff of Class Lessons					
Review differences Review differences between the two versions of the element. Modified property values are marked in blue color, newly created property values are marked in green color, and deleted property values are marked in red color.					
	#1		#4	Ŗ	
Properties	#1		#4		Added
▶ Name	Course	Lessons			Deleted
					Modified/Moved
Text Diff				^	
Course Lessons					
<			>	×	
u			Clos	e	

An example of the Quick Diff dialog of an element (class).

After you select the **Full Diff** command for an element, the **Difference Viewer** dialog opens, showing changes in element property values, as well as detailed information for directly related elements and new relationships (see the figure below). For more information about using this dialog, see Analyzing comparison results.

☑ Difference Viewer		×
E Differences		ö -
B Tree EList	Specification 퇇 삶 약 咳 중 🔫 🗱	□ @ #
et; et; et; • •		se (#1) Compared (#4 (current))
Course Course Course Course Course Model [UI Prototy] Modified Model [UI-Prototy] Model [UI-Prototy] Model [UI-Prototy] Model [UML_Standard_Profile.mdzip] Model [Use Case domain constraints.mdzip] Model [UseCase_Profile.mdzip] Model [UseCase_Profile.mdzip] Non-model concepts	Name Course	Lessons
Summary/Legend ×		
Differences (1) Contains inner changes	Q Type here to filter properties	
Deleted (0)	Change Details	004
Modified (1)	Changes Modified Course[Class].Nan	ne from Course to Lessons
<u>1</u>		Close Help

An example of the Difference Viewer dialog of an element.

After you select the **Full Diff** command for a diagram, the **Difference Viewer** dialog opens, showing all changes in the diagram (see the figure below). For more information about using this dialog, see Viewing and analyzing differences of modified diagrams.

Difference Viewer			×
提 Differences 圖 Domain (Compared (#13)) 圖 Domain (Base (#12)) ×			
문 Return to Differences 요 말	(Q)	⊕ Q 10	0% ~
			^
package Model[B Domain]			
Teacher has Class			
Student			
Student			
<			~
Added 🗹 🖸 Deleted 🗹 🗖 Modified/Moved Display Differences: 🗹 🗖 Model 🗹 == Diagram			
Base (#12) Source (#12)			
[F]	С	lose	Help

An example of the Difference Viewer dialog of a diagram.

Be aware that Quick Diff is not available for displaying diagram changes. Diagram changes (as diagram layout changes) can be displayed only in the **Full Diff** mode. To see these changes you must initiate the comparison of entire project versions. For this, select a couple of project versions in the **History** pan el and on the shortcut menu click **Compare Projects**. For more information, see Analyzing comparison results.

Generating reports

To generate an element history report

- 1. Perform element history as described above.
- 2. On the **History** toolbar, click the Generate Report button.

Place Already Booked History					
Place Already Booked History					
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3. The Save As dialog opens to specify the location of the report file.

Related pages

- Reviewing model history
- Analyzing comparison results