



Pacific Knowledge Systems

New Features in RippleDown: Version 7.4

This document focuses on New Features in RippleDown.

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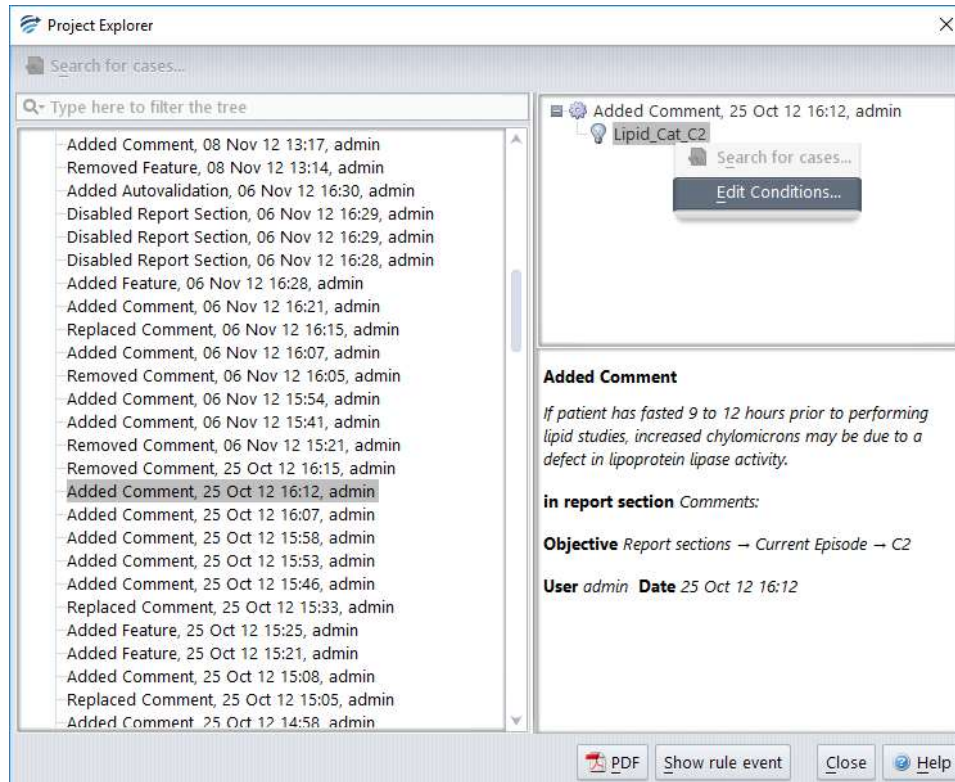
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Knowledge Builder

Below is a list of what is new in the Knowledge Builder for the latest release of RippleDown®.

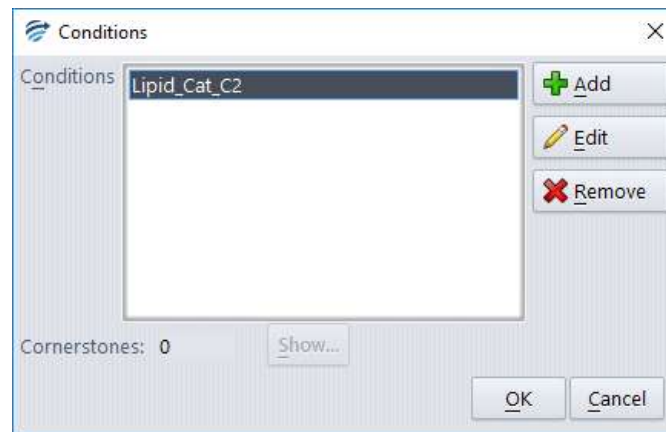
Editing of Rules

Knowledge builders are now able to edit rule conditions from the Project Explorer.

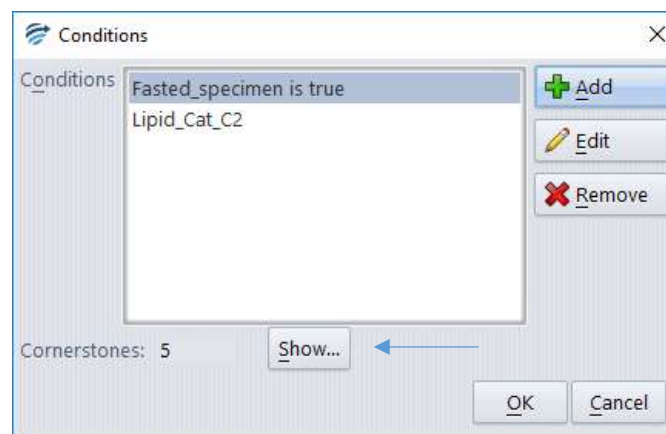


Firstly, the user needs to locate the Rule Session concerning the rule that they wish to edit, which can be facilitated by using the search bar at the top left hand side of the Project Explorer. Once located, by right clicking on the conditions the user can select to edit these conditions. The following window will appear, giving you the option to add, remove or edit the conditions.

Before Edit.



After Edit.



The user now should review the cornerstone cases that would have a different interpretation following this rule edit, by selecting 'show...'

There are three different tabs available to review the cornerstones impacted by this rule change. The first tab shows the cornerstone case in its original form prior to the edit, the second, how it would be interpreted under the new rule conditions, and a comparison tab highlighting the differences in the case before and after the rule was edited. These views can be seen in the following screen shots:

Cornerstone before edit.

Review cornerstones

1. Cornerstone Before Change 2. Cornerstone After Change 3. Differences

15575524 Sex: F

	Range	14 Nov 06 00:00	04 Sep 07 00:00	19 Mar 08 00:00
Lipid_Lowering_The...		false	false	false
Cholesterol	< 5.5	3.3	3.3	3.4
HDL_chol	1.0–2.2	0.8*	0.9*	0.8*
Delta_TEST1				true
testmergedattribute	10.00–22.00	8.00*	9.00*	8.00*
LDL_chol		1.0	1.0	0.5
LDL_Inferences				
Triglycerides	0.3–2.0	2.7*	3.1*	4.6*
TG_Inferences				
Total Chol_HDL Ratio		3.8	3.7	4.2
ALP	30–110	59	68	58
ALT	0–55	41	30	31

Calculated LDL is unreliable when triglyceride levels exceed 4.4 mmol/L and is not reported. If patient has fasted 9 to 12 hours prior to performing lipid studies, increased chylomicrons may be due to a defect in lipoprotein lipase activity.

Features Comments Preview Data Items

Forms Sets Autovalidation Queue Notes Result Overwrite Approved

Previous Next Close Help

Viewing cornerstone: 1 Total cornerstones to review: 5 Current cornerstone name: 15575524

Cornerstone after edit

Review cornerstones

1. Cornerstone Before Change 2. Cornerstone After Change 3. Differences

15575524 Sex: F

	Range	24 Jan 06 00:00	14 Nov 06 00:00	04 Sep 07 00:00	19 Mar 08 00:00
Lipid_Lowering_The...		false	false	false	false
Cholesterol	< 5.5	3.0	3.3	3.3	3.4
HDL_chol	1.0–2.2	0.7*	0.8*	0.9*	0.8*
Delta_TEST1					true
testmergedattribute	10.00–22.00	7.00*	8.00*	9.00*	8.00*
LDL_chol		0.9	1.0	1.0	0.5
LDL_Inferences					
Triglycerides	0.3–2.0	4.0*	2.7*	3.1*	4.6*
TG_Inferences					
TG_Cut_Off_0		false	false	false	false
TG_Cut_Off_1		true	true	true	false

Calculated LDL is unreliable when triglyceride levels exceed 4.4 mmol/L and is not reported.

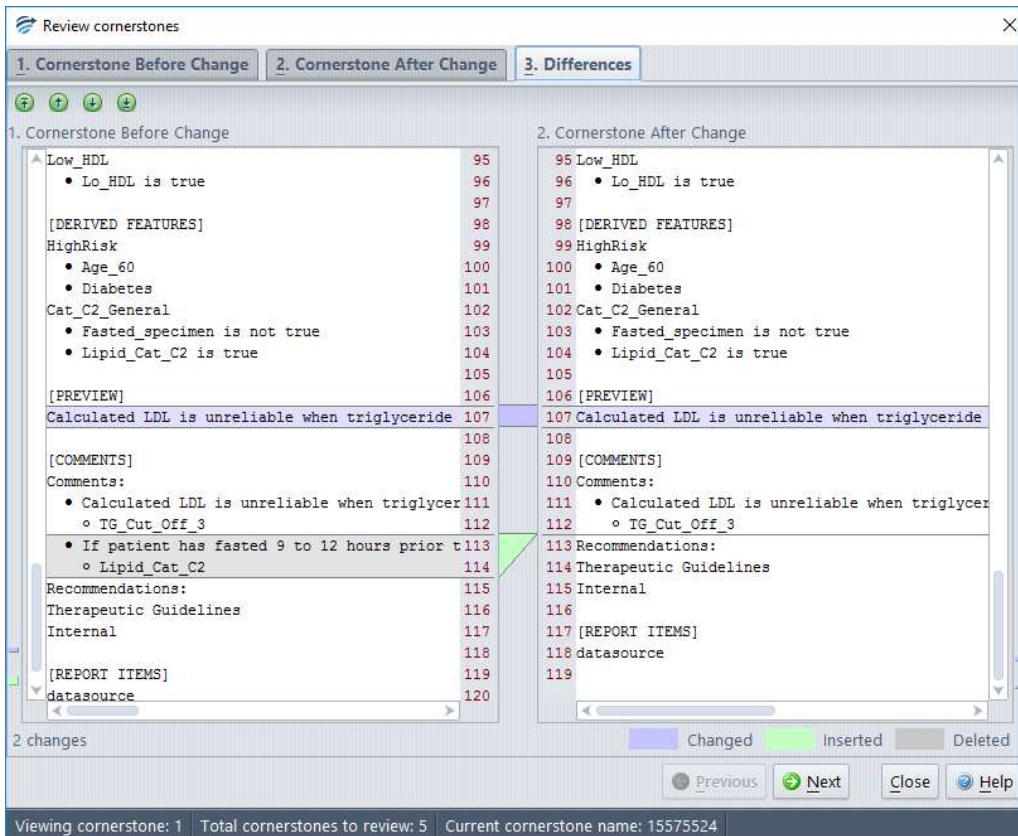
Features Comments Preview Data Items

Forms Sets Autovalidation Queue Notes Result Overwrite Approved

Previous Next Close Help

Viewing cornerstone: 1 Total cornerstones to review: 5 Current cornerstone name: 15575524

Differences view



Review cornerstones

1. Cornerstone Before Change 2. Cornerstone After Change 3. Differences

1. Cornerstone Before Change

- Low_HDL 95
 - Lo_HDL is true 96
- [DERIVED FEATURES] 98
- HighRisk 99
 - Age_60 100
 - Diabetes 101
- Cat_C2_General 102
 - Fasted_specimen is not true 103
 - Lipid_Cat_C2 is true 104
- [PREVIEW] 106
- Calculated LDL is unreliable when triglyceride 107
- [COMMENTS] 109
 - Comments: 110
 - Calculated LDL is unreliable when triglyceride 111
 - TG_Cut_Off_3 112
 - If patient has fasted 9 to 12 hours prior to 113
 - Lipid_Cat_C2 114
- Recommendations: 115
 - Therapeutic Guidelines 116
 - Internal 117
- [REPORT ITEMS] 118
 - datasource 119

2. Cornerstone After Change

- 95 Low_HDL
- 96 • Lo_HDL is true
- 97
- 98 [DERIVED FEATURES]
- 99 HighRisk
- 100 • Age_60
- 101 • Diabetes
- 102 Cat_C2_General
- 103 • Fasted_specimen is not true
- 104 • Lipid_Cat_C2 is true
- 105
- 106 [PREVIEW]
- 107 Calculated LDL is unreliable when triglyceride
- 108
- 109 [COMMENTS]
- 110 Comments:
- 111 • Calculated LDL is unreliable when triglyceride
- 112 • TG_Cut_Off_3
- 113 Recommendations:
- 114 Therapeutic Guidelines
- 115 Internal
- 116
- 117 [REPORT ITEMS]
- 118 datasource
- 119

2 changes

Changed Inserted Deleted

Previous Next Close Help

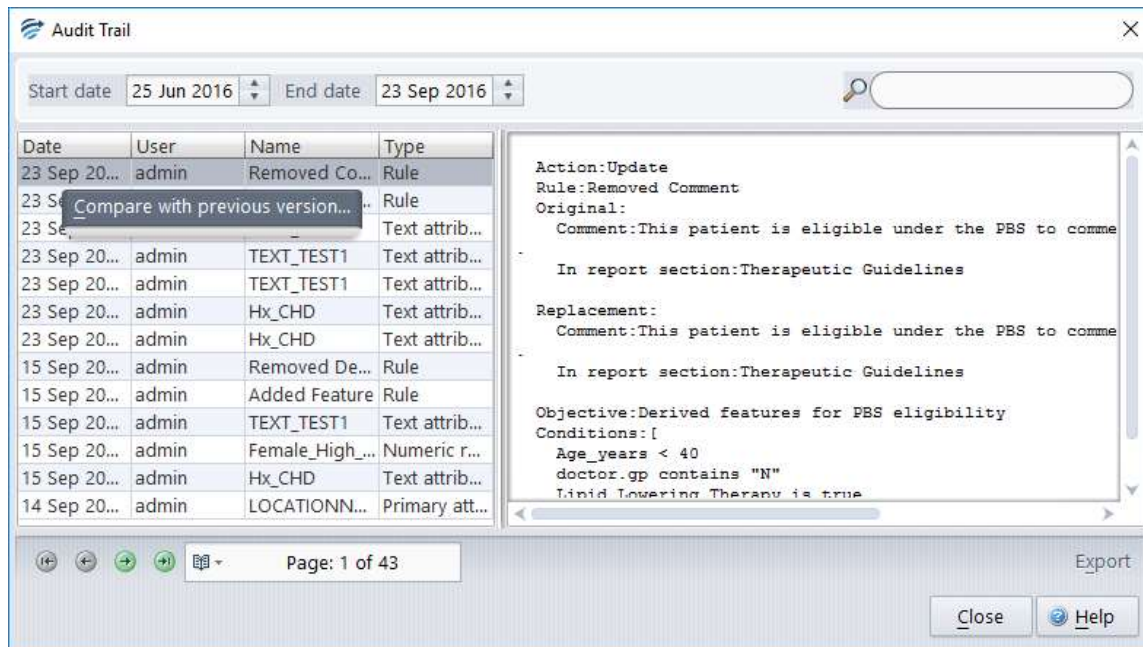
Viewing cornerstone: 1 | Total cornerstones to review: 5 | Current cornerstone name: 15575524

Please note that this differences view is also available in the rule wizard for cornerstone checking.

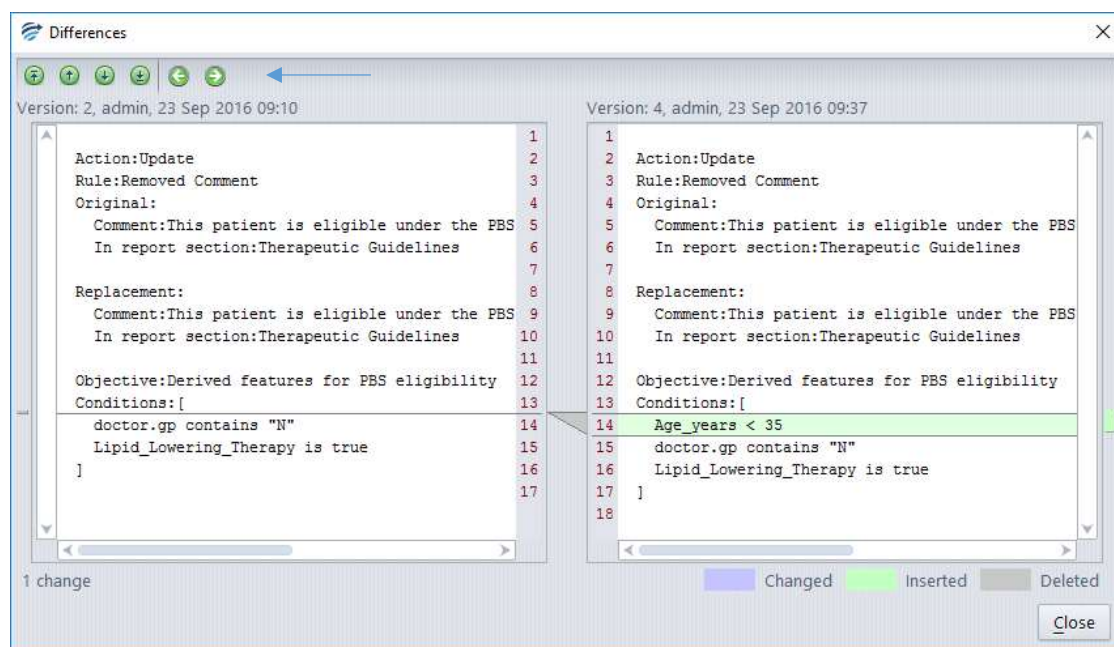
Any rule session that is edited is recorded as “edited” in the project explorer and all details of these edits can be tracked in the corresponding update entries in the audit trail. The audit trail provides the facility to compare the current edit with previous versions of the rule.

Audit Trail

Rules, Case Free Rules and Comments have now also been incorporated into the audit trail which already tracked changes for primary attributes and derived attributes.



When reviewing in the Audit Trail, the user can compare an entry with previous entries for that item, by right clicking on the entry and selecting 'Compare with previous'.



All edit versions for that item (rule, attribute etc) will be available and can be navigated through using the left and right arrows in the upper left hand corner.