

ODE Reference

July 20, 2014

Contents

1	Creating rules	2
2	Adding features	2
3	Setting values	2
4	Removing features	2
5	Renaming rules	3
6	Changing descriptions	3
7	Switching between LHS and RHS	3
8	Adding output strings	3
9	Modifying output strings	4
10	Removing output strings	4
11	Splitting output strings	4
12	Adding parts	4
13	Showing output	4
14	Modifying parts	5
15	Removing parts	5

16 Adding slots	5
17 Removing slots	5
18 Using the parts inventory	5
19 Working with multiple groups	6
19.1 Adding groups	6
19.2 Removing groups	6
19.3 Copying groups	6
20 Browsing rules	6

1 Creating rules

You can create new rules by clicking the "New" button in the navigation bar at the top.

2 Adding features

You can add features to the LHS of rules by dragging them from the feature inventory on the left side of the screen and dropping them on the placeholder that reads "Drop feature here ...".

To get more information about a feature you can hover over it with the mouse.

3 Setting values

After adding a feature to the LHS of a rule, the system displays a drop-down menu to the right of the feature that contains a list of all possible values that this feature can take. By default, feature values are set to **underspecified**. You can change the current value of a feature by expanding the drop-down menu and selecting the desired value from the list.

4 Removing features

You can remove features from the LHS of a rule by clicking the **x** button that appears when hovering over their names with the mouse.

5 Renaming rules

You can rename a rule by

1. double-clicking its name
2. entering the new name into the text input field that appears
3. clicking the "OK" button

6 Changing descriptions

You can change the description of a rule by

1. double-clicking it
2. entering the new description into the text input field that appears
3. clicking the "OK" button

7 Switching between LHS and RHS

To switch from the LHS of the current rule to the RHS you can click the "OutputBuilder" button in the navigation bar. Similarly, to switch from the RHS back to the LHS you can click the "InputBuilder" button in the navigation bar.

8 Adding output strings

You can add a new output string to a rule by

1. clicking the placeholder that reads "Add more content"
2. entering the output string
3. clicking the "Add" button

9 Modifying output strings

You can modify individual output strings by

1. double-clicking any word in the string
2. modifying the contents of the text input field that appears
3. clicking the "OK" button

10 Removing output strings

You can remove individual output strings from an RHS by clicking the **x** button that appears when hovering over them with the mouse.

11 Splitting output strings

To split an output string into two parts you can click the area *between* the last word that belongs to the left part and the first word that belongs to the right part.

The left part will be added to "Slot 1" and the right part will be added to "Slot 2". If "Slot 1" and "Slot 2" do not exist, they will be created first.

12 Adding parts

You can add parts to individual slots by

1. clicking the placeholder at the bottom of the slot
2. entering the part
3. pressing "Enter"

13 Showing output

To show all output strings belonging to a given rule you can click the "Show output" button.

To dismiss the list of output strings, click the **x** button in the top right corner of the list.

14 Modifying parts

You can modify individual parts by

1. double-clicking them
2. modifying the contents of the text input field that appears
3. pressing "Enter"

15 Removing parts

You can remove individual parts from a given slot by clicking the **x** button that appears when hovering over them with the mouse.

16 Adding slots

You can create additional slots by clicking the "Add slot" button.

17 Removing slots

You can remove individual slots by clicking the **x** button that appears when hovering over their headers. The total number of slots must not drop below 2, so removing slots will only work if there are at least three slots.

18 Using the parts inventory

Every part that you create manually or by splitting an output string is added to the parts inventory automatically. The parts inventory is displayed on the left side of the screen in the OutputBuilder.

You can reuse parts to create additional content for the RHS of a rule by dragging them from the inventory to one of the various placeholders:

1. To add a part as an output string you can drop it on the placeholder that reads "Add more content ...".
2. To *extend* an existing output string you can drop parts from the inventory on the placeholder displayed to the right of the string.
3. To add a part to a specific slot you can drop it on the placeholder at the bottom of the slot.

19 Working with multiple groups

19.1 Adding groups

You can add a new group to an RHS by clicking the + button in the header of any existing group.

19.2 Removing groups

You can remove a group from an RHS by clicking the x button in the group's header.

19.3 Copying groups

To use the contents of a given group as a starting point for creating more content in another group you can click the button between the + and x buttons in the header of the group you want to copy.

20 Browsing rules

To view a list of all existing rules you can click the "Browse" button in the navigation bar.

From this interface you can

- click an entry to view a read-only version of the LHS and RHS of the corresponding rule
- use the controls that appear when hovering over a given entry to
 - view a list of similar rules (i.e., rules whose LHS contain similar features)
 - jump to the InputBuilder
 - jump to the OutputBuilder
 - delete the corresponding rule
- use the "Filter ..." field to filter entries by name and description