

EditCategories module - Module for editing categories

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2006-03-21

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Abstract

This document describes the user interface for Edit categories module. It also contains some simple examples and screenshots for the users to make using of this module easier.

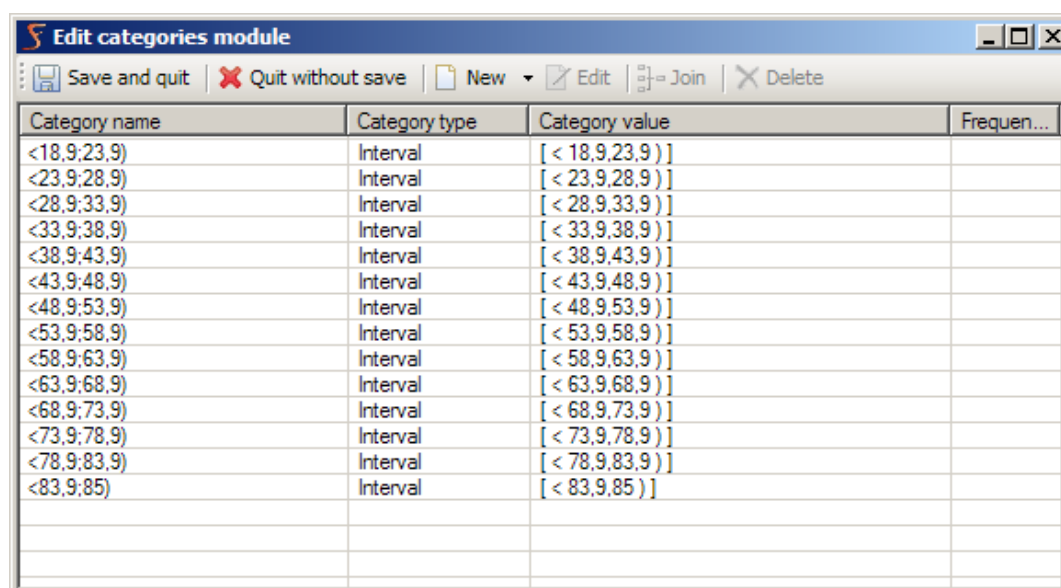
Introduction

Welcome to Edit categories module. This is a module designed for manual editing of the categories that could be (but do not have to) be created by dynamical attribute box.

Parts of the user interface

Categories list

In the main listview all of the available categories are listed. Name, category type and category values are displayed in the listview.



The screenshot shows a window titled "Edit categories module" with a toolbar containing buttons for "Save and quit", "Quit without save", "New", "Edit", "Join", and "Delete". Below the toolbar is a table with four columns: "Category name", "Category type", "Category value", and "Frequen...". The table contains 13 rows of interval categories, each with a name in angle brackets, a type of "Interval", and a value in square brackets.

Category name	Category type	Category value	Frequen...
<18,9;23,9)	Interval	[< 18,9,23,9)]	
<23,9;28,9)	Interval	[< 23,9,28,9)]	
<28,9;33,9)	Interval	[< 28,9,33,9)]	
<33,9;38,9)	Interval	[< 33,9,38,9)]	
<38,9;43,9)	Interval	[< 38,9,43,9)]	
<43,9;48,9)	Interval	[< 43,9,48,9)]	
<48,9;53,9)	Interval	[< 48,9,53,9)]	
<53,9;58,9)	Interval	[< 53,9,58,9)]	
<58,9;63,9)	Interval	[< 58,9,63,9)]	
<63,9;68,9)	Interval	[< 63,9,68,9)]	
<68,9;73,9)	Interval	[< 68,9,73,9)]	
<73,9;78,9)	Interval	[< 73,9,78,9)]	
<78,9;83,9)	Interval	[< 78,9,83,9)]	
<83,9;85)	Interval	[< 83,9,85)]	

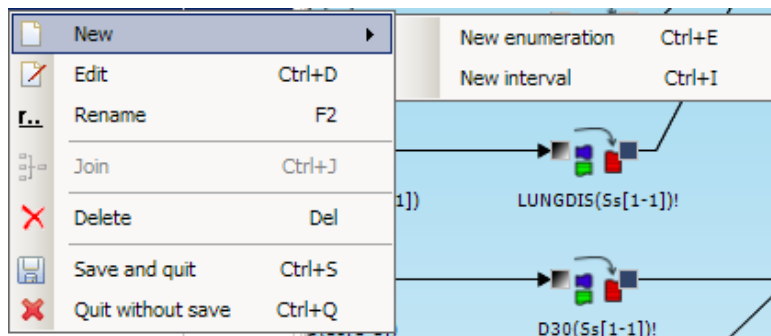
Toolbar

Toolbar contains all of the tools necessary to work with categories. It contains the following buttons:

- **Save and quit.** When you have finished editing the categories, you should click this button to have your changes saved. This will also close the Edit categories module.
- **Quit without save.** When you have finished editing the categories but do not want to save the changes, click on this button to leave categories unchanged. This will also close the Edit categories module.
- **New.** This button will display a dropdown menu where you can select whether you would create an interval category or an enumeration category.
- **Edit.** This button is activated when a category is selected in the listview. After clicking on this button the module will display a window for editing a selected category.
- **Join.** This button is activated when two or more categories of the same type are selected. By clicking on this button you will join the selected categories. For enumeration it means that Edit categories module will replace the selected categories by a new category containing all of the values contained in the enumerations. For interval it means that Edit categories module will replace the selected categories by a new category containing all of their intervals.
- **Delete.** This button will delete the selected categories.

Right-click menu

Right-click menu for categories list offers functionality similar to toolbar which has been described above



Editing a category

When you select a category from the list and either click on Edit button on the toolbar or select an Edit option from the right-click menu available, on the right side of the module window an embedded dialog for editing the category will appear. Depending on which type of category you have previously selected to be edited, one of the two following dialogs will be displayed:

Editing an interval category

Here you will be presented with the following parameters that could be edited in the existing interval category:

Edit categories module

Save and quit | Quit without save | New | Edit | Join | Delete

Category name	Category type	Category value
<18,9;23,9)	Interval	[< 18,9,23,9)]
<23,9;28,9)	Interval	[< 23,9,28,9)]
<28,9;33,9)	Interval	[< 28,9,33,9)]
<33,9;38,9)	Interval	[< 33,9,38,9)]
<43,9;48,9)	Interval	[< 43,9,48,9)]
<48,9;53,9)	Interval	[< 48,9,53,9)]
<53,9;58,9)	Interval	[< 53,9,58,9)]
<58,9;63,9)	Interval	[< 58,9,63,9)]
<63,9;68,9)	Interval	[< 63,9,68,9)]
<68,9;73,9)	Interval	[< 68,9,73,9)]
<73,9;78,9)	Interval	[< 73,9,78,9)]
<78,9;83,9)	Interval	[< 78,9,83,9)]
<83,9;85)	Interval	[< 83,9,85)]

Category name: <38,9;43,9)

Left bound value: 38,9 Right bound value: 43,9

Interval type: ☐ Long ☒ Flo

Left bound type: ☐ - inf ☐ + inf ☐ (☒) ☐ < ☐ >

Add to category

Intervals (double-click to delete):

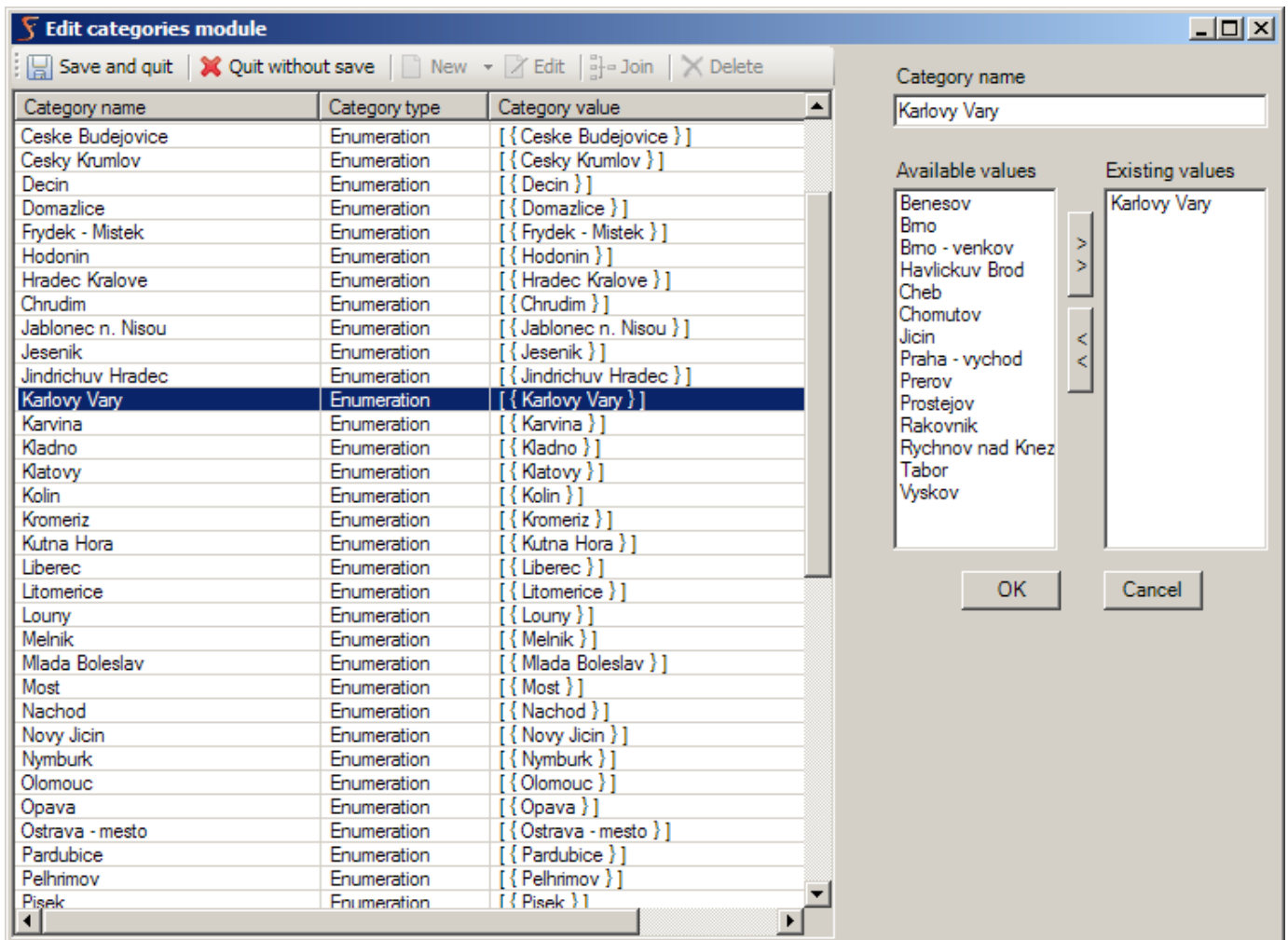
- < 38,9,43,9)

OK Cancel

- **Edited category name.** The only exception for the category name is that the names of categories for one attribute must be unique. It also means that you cannot define two categories with the same name in the edit categories module. The default category name reflects its content, but you are free to change that.
- **Existing intervals in the edited category.** On the bottom of the embedded dialog there is a list with the intervals already present in the category. An interval can be deleted from the category by double-clicking on it. When you perform a single click, the interval parameters are loaded displayed in the dialog.
- **Adding a new interval to the edited category.** You can create a new interval and add it to the category being edited. Select the desired interval parameters, such as lower and upper bound values, lower and upper bound type (sharp, round or infinity) and an interval type (long or float). After selecting all of the parameters click on Add to category button. New interval will be added only if it is disjunct with all of the intervals in the current category and also in the other categories. Note that if there is at least one interval already present in the category, you cannot select interval type when adding a new one. All the intervals in one category must be of the same type. You can finish editing of the category by selecting either OK or Cancel button depending on whether you would like to save the performed changes.

Editing an enumeration category

Here you will be presented with the following parameters that could be edited in the existing enumeration category:



- **Edited category name.** The only exception for the category name is that the names of categories for one attribute must be unique. It also means that you cannot define two categories with the same name in the edit categories module. The default category name reflects its content, but you are free to change that.
- **Adding and deleting values.** By using the buttons for adding values to the current enumeration and deleting them from the current enumeration you can edit the category. All of the enumeration categories must be disjunct, so to make it easier for you, there is a list of available values which has not been yet used in any of the categories, so they can be added to the current enumeration category. Available values are displayed in the available values listbox, values currently contained in the enumeration are listed in the Existing values listbox. You can finish editing of the category by selecting either OK or Cancel button depending on whether you would like to save the performed changes.