

# Custom attributes

Custom attributes facilitate in defining format boundaries which can be used within one or more [node types](#). For example you can define the Snmp\_sysname variable's size/format and which user role is required to edit this variable.


## Add custom attribute group

Click the plus sign  to add a custom attribute group, the following field will appear




Enter the desired name for the new custom attribute group and click the *Add* button to create it.

## Delete custom attribute group

To delete a custom attribute group select the group in question and click the trashcan icon  a prompt will show up asking if you are sure, click the *Yes* button to delete the parameter group.

## Duplicate custom attribute group

Select the custom attribute group you want to duplicate and click the 'Duplicate' button , the following field will appear:



Enter the desired name for the new custom attribute group and click the *Duplicate* button to create it.

# Parameter group variables

## Add variable

To add a custom attribute, click the new-button, the following window will appear




enter the desired variable name here and click the *Save* button to create it.

A variable of the type CHAR with a edit level of *Operator* will be created by default



## Remove attribute

To remove a custom attribute, select the attribute in question and click the trashcan icon  a prompt

will show up asking if you are sure, click the Yes button to delete the custom attribute

## Edit attribute

Select the custom attribute you want to edit and make the desired changes.

After making changes to your custom attribute commit them by clicking the *Apply* button.

## Menus

Most custom attribute types are quite self-explanatory: CHAR is a string of text, NUM is a number, IPv4 is an IPv4 address, etc. However the MENU type needs a bit of explanation. This is for if you want to have a dropdown of various options.



A menu doesn't have a size, but a format, which can have four possible options: Str\_value, Num\_value, Str\_value&Num\_value and Num\_value&Str\_value. When you select a menu custom attribute a grid with profiles appears. This grid corresponds to the Par\_group\_profiles table in the netYCE database. A profile consists out of a number, a string and a default. Only one profile in a par group menu can be set, and this will be the standard value whenever it's created. When you try to set a second value as default, the older default value will lose its default status.

What you see in the actual frontend is based on the format:

- Str\_value shows a dropdown list of the string values of the profiles
- Num\_value shows a dropdown list of the numerical values of the profiles
- Num\_value&Str\_value shows a dropdown list of the string values of the profiles, but saves the numerical values upon form submission.
- Str\_Value&Num\_value shows a dropdown list of the numerical values of the profiles, but saves the string values upon form submission.

Note that if the format is set to Str\_value or Str\_value&Num\_value, it is not possible to have profiles within the same menu that have the same string value. Likewise, if the format is set to Num\_value or Num\_value&Str\_value you can not have duplicate numerical values.

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