

# Customization via I18N

## Using databaseManager.addTableFilterParam to filter I18N keys

It is also possible to have multiple values for one key, and create an extra column in the database to use in a filter. For example when working with a SaaS solution and there should be some custom labels for one of the clients. Add an extra column to the i18n table for example called "message\_owner" like:

Message Id	Message Key	Message Language	Message Owner	Message Value
1	lbl.1			First
2	lbl.2			Second
3	lbl.3			Third
4	lbl.3	en		Third
5	lbl.1	nl		Eerst
6	lbl.2	nl		Tweede
7	lbl.3	nl		Derde
16	lbl.1	nl	servoy	Eerst servoy

In the onOpen method this code can be added to filter on the message\_owner column:

```
function onOpen()
{
    databaseManager.addTableFilterParam('i18n_db', "i18n_table", "message_owner", "IN", ['servoy', null]);
}
```

This means that only keys with 'message\_owner' = 'servoy' or null, and if there are more entries for the same key for different 'message\_owner', then, the order of the values in the filter defines what is used (ex: you have 'lbl.3' with 'message\_owner' = 'servoy', but also, 'lbl.3' with 'message\_owner' = null, then the first one will be used)

So the usage of lbl.1 to lbl.3 keys would on labels would result in:

Eerst servoy

Tweede

Derde

If you want your users to be able to make their own labels for i18n keys, this is easily possible by making a form on the i18n table. It might be preferred to have the user work in a on a duplicate of the record they want to edit and then enter the message\_owner column with the logged in owner. This way the key will turn up for this owner but not for the others.