# QGIS Application - Bug report #6229
# changing existing symbol or color ramp does not work in new style manager

2012-08-20 11:37 AM - Etienne Tourigny

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|---|---|---|---|---|
| **Status:** | Closed | | | |
| **Priority:** | Normal | | | |
| **Assignee:** | Arunmozhi P | | | |
| **Category:** | Symbology | | | |
| **Affected QGIS version:** | master | **Regression?:** | No | |
| **Operating System:** | | **Easy fix?:** | No | |
| **Pull Request or Patch supplied:** | Yes | **Resolution:** | fixed | |
| **Crashes QGIS or corrupts data:** | No | **Copied to github as #:** | 15538 | |

## Description

Title says it all - existing items (either symbol or color ramp) can be modified in the new style manager, but this is not saved, therefore lost when qgis is restarted.

related issue: 6222

## Related issues:

| | | |
|---|---|---|
| Related to QGIS Application - Bug report # 6222: implement QgsStyleV2::save() | **Closed** | **2012-08-19** |

## History

**#1 - 2012-08-21 04:07 AM - Arunmozhi P**

*- Status info set to Working on fix*

*- % Done changed from 0 to 10*

**#2 - 2012-08-21 07:40 AM - Arunmozhi P**

*- File save_symbols_colorramps.patch added*

*- Pull Request or Patch supplied changed from No to Yes*

*- % Done changed from 10 to 90*

*- Status info changed from Working on fix to Fix in Patch*

Patch added.

**#3 - 2012-08-21 08:04 AM - Etienne Tourigny**

looks nice - I'll test it out tonight and commit. thanks

**#4 - 2012-08-22 06:38 AM - Etienne Tourigny**

This patch doesn't work, because new symbols are not saved.

Here is what happens:

- addSymbol() adds the symbol name to the style symbol list
- saveSymbol() detects the name already present, so it creates the sql query with UPDATE - this does nothing because symbol is not yet in the DB.

Some reworking has to be done in the db handling, with one solution of the following:

1) any add/modify/delete operations should sync with DB immediately (e.g. addSymbol() also adds to the DB)

2) any DB operations are done when dialog closes with a new function syncDB() - this loops through all symbols

1) former is easier, 2) is on par with previous behaviour

cheers
Etienne

**#5 - 2012-08-22 10:34 AM - Arunmozhi P**

*- File style-fix.patch added*

Hi,

Sorry for that buggy patch. I am attaching a new one. This contains two commits of data, one commit has a lot of doc about the functions in QgsStyleV2 (sorry for issue-jacking here). The second one has the extra function updateSymbol and necessary flag params in the addSymbol and addColorRamp.

I thought of issuing a github pull request when I wrote the docs, since the issue added up I am putting it up as patch.

I tested, it safely adds as well as updates. Kindly test and add it to master if found OK.

**#6 - 2012-08-22 10:34 AM - Arunmozhi P**

*- File deleted (save_symbols_colorramps.patch)*

**#7 - 2012-08-22 11:30 AM - Etienne Tourigny**

can yoou file this a pull request in 2 separate commits? That way credit goes to you!
Etienne

**#8 - 2012-08-23 06:23 AM - Etienne Tourigny**

*- % Done changed from 90 to 100*

*- Resolution set to fixed*

Fixed in trunk,  b145998078 (by me) and 447c0d1 (by Arun).  Creating new ramps did not work, so I updated addSymbol() and addColorRamp().

**#9 - 2012-08-23 06:36 AM - Etienne Tourigny**

*- Status changed from Open to Closed*

**#10 - 2012-08-31 04:56 AM - Etienne Tourigny**

Found issue that new entry was added to db instead of changing old entry, fixed in 2ab844abf8302a489abe86a25a99b54f49ffd91e

## Files

| | | | | |
|---|---|---|---|---|
| style-fix.patch | 20.7 KB | 2012-08-22 | | Arunmozhi P |