

## QGIS Application - Bug report #15640

### Refactor fields: an expression is always required (otherwise python error is thrown)

2016-09-30 01:14 AM - Paolo Cavallini

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Processing/Core	
<b>Affected QGIS version:</b>	3.0.0	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>		<b>Resolution:</b> fixed/implemented
<b>Crashes QGIS or corrupts data:</b>		<b>Copied to github as #:</b> 23563
<b>Description</b>		
<p>When creating a new field through Processing &gt; Refactor fields, an expression seems always required. I do not think this should be necessary, because users sometimes want just to add a new empty column to be filled afterwards.</p>		

#### Associated revisions

##### Revision 2900acef - 2018-02-26 12:20 AM - Nyal Dawson

[processing] Fix crash when algorithms fail to prepare

Refs #15640

##### Revision cc10bbd9 - 2018-02-26 12:20 AM - Nyal Dawson

[processing] Allow empty expressions in refactor fields alg

Fixes #15640

##### Revision cdf0cd19 - 2018-02-26 12:57 AM - Nyal Dawson

[processing] Fix crash when algorithms fail to prepare

Refs #15640

(cherry-picked from 2900ace)

##### Revision 123c13d5 - 2018-02-26 12:57 AM - Nyal Dawson

[processing] Allow empty expressions in refactor fields alg

Fixes #15640

(cherry-picked from cc10bbd)

#### History

##### #1 - 2017-05-01 01:03 AM - Giovanni Manghi

- *Easy fix? set to No*
- *Regression? set to No*

**#2 - 2018-02-25 06:24 PM - Paolo Cavallini**

- *Assignee deleted (Victor Olaya)*
- *Affected QGIS version changed from 2.16.3 to 3.0.0*

Adding a string whatsoever is a workaround, but I still think the alg should accept an empty expression instead of throwing:

```
Traceback (most recent call last): File "/usr/local/src/qgis/QGIS/build_qgis3/output/python/plugins/processing/algs/qgis/FieldsMapper.py", line 144, in prepareAlgorithm expression.parserErrorString()) _core.QgsProcessingException: Parser error in expression "": syntax error, unexpected $end
```

**#3 - 2018-02-25 08:39 PM - Giovanni Manghi**

- *Subject changed from Refactor fields: an expression is always required to Refactor fields: an expression is always required (otherwise python error is thrown)*
- *Category changed from Processing/GUI to Processing/Core*

**#4 - 2018-02-26 12:20 AM - Nyal Dawson**

- *Status changed from Open to Closed*
- *% Done changed from 0 to 100*

Applied in changeset commit:qgis|cc10bbd950805a335a9dbcf0e9cbff82994c7efc.

**#5 - 2018-02-27 09:32 PM - Giovanni Manghi**

- *Resolution set to fixed/implemented*