

QGIS Application - Bug report #7371

QgsProject.writeEntry() makes it very easy to make a project file unreadable

2013-03-16 01:05 PM - Olivier Dalang

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Project Loading/Saving	
Affected QGIS version:	master	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch applied:	Yes	Resolution: fixed/implemented
Crashes QGIS or corrupts data:	No	Copied to github as #: 16344
Description		
<p>Hi !</p> <p>When using <code>QgsProject.instance().writeEntry(scope, key, value)</code>, it's really easy to make the whole project file unreadable.</p> <p>This happens because scope and keys are used as XML elements names in the project file.</p> <p>In case a plugin developer uses user input as the key, he may not notice that he's endangering the user's files.</p> <p>I'd suggest to sanitize scope and keys to make sure the project's XML remains valid whatever scope/key is used.</p> <p>I'm providing a patch which is not finished.</p> <p>Here are the regexp that should be used for sanitation : http://www.w3.org/TR/REC-xml/#NT-NameStartChar</p> <p>But I didn't manage to make that work, so the patch provides a much simpler regexp which is too restrictive (refuses foreign characters for instance).</p> <p>Thanks !</p> <p>Olivier</p>		

History

#1 - 2013-03-16 02:18 PM - Olivier Dalang

- % Done changed from 50 to 100

Ok I think I found the right regexp !

So I made a pull request : <https://github.com/qgis/Quantum-GIS/pull/469>

#2 - 2014-06-21 04:09 AM - Jürgen Fischer

- Category set to Project Loading/Saving

#3 - 2016-10-10 04:36 PM - Nyal Dawson

- Resolution set to fixed/implemented

- Status changed from Open to Closed

Fixed in commit:313fe6a98f06cc4094ace211fc3a191aa0497cd6

Files

0001-Implements-sanitation-of-entries-names.patch	2.43 KB	2013-03-16	Olivier Dalang
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