

## QGIS Application - Feature request #3297

### Add projectSaved() signal to the QgisInterface

2010-12-06 02:15 PM - Chris Crook

<b>Status:</b>	Closed	
<b>Priority:</b>	Low	
<b>Assignee:</b>	nobody -	
<b>Category:</b>	Project Loading/Saving	
<b>Pull Request or Patch supplied:</b>		<b>Resolution:</b> workforme
<b>Easy fix?:</b>	No	<b>Copied to github as #:</b> 13357
<b>Description</b>		
Creates a projectSaved() signal that can be used by plugins to take actions when a project is saved.		
This matches the projectRead() signal emitted when a project is read, allowing a plugin to carry out corresponding activities when a project is saved and read.		

#### History

##### #1 - 2010-12-06 02:20 PM - Chris Crook

Patch attached

##### #2 - 2010-12-06 02:30 PM - Martin Dobias

The patch looks OK, but I'm wondering whether the plugins wouldn't profit more from a signal e.g. "projectWillBeSaved" which would be called before saving the project file, so that plugins could alter the project file somehow (given they receive project's QDomDocument with the signal).

##### #3 - 2010-12-06 02:37 PM - Chris Crook

In this case I'm thinking that I need a signal after the project is successfully saved. I'm not doing anything with the DOM, I'm saving other data external to the project file. I want to be sure that the project file is successfully saved (and the filename is defined), before I do this.

I agree that a projectWillBeSaved(QDom), or maybe savingProject(QDom), would also be a useful signal.

##### #4 - 2010-12-06 02:54 PM - Jürgen Fischer

Am I missing something? Shouldn't connecting to `[[QgsProject]].writeProject( QDomDocument & )` (possibly in a projectRead() slot) already work?

##### #5 - 2010-12-06 03:49 PM - Chris Crook

- Resolution set to workforme

- Status changed from Open to Closed

Good point .. it does indeed seem to work.

I hadn't realised that the `[[QgsProject]]` was a singleton, so I can just attach to the `.instance()` signals. Although the timing of the event doesn't fit perfectly (the file is not completely written) I think this works for me!

It may be worth putting a bit more source code documentation on the `[[QgsInterface]]` `readProject` signal to point users to the `[[QgsProject]]` signals?

**Files**

projectSaved_signal.patch	2.27 KB	2010-12-06	Chris Crook
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