

## QGIS Application - Bug report #814

### attribute reference in mapfiles are exported with index instead of fieldnames

2007-11-17 04:09 PM - Jürgen Fischer

<b>Status:</b> Closed	
<b>Priority:</b> Low	
<b>Assignee:</b> Jürgen Fischer	
<b>Category:</b>	
<b>Affected QGIS version:</b>	<b>Regression?:</b> No
<b>Operating System:</b> All	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b> fixed
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 10873
<b>Description</b>	
<p>when a qgis project is converted to a mapfile the references to layer attributes are exported as field index instead of field name, eg. LABELITEM 0 instead of the name of the first field. Same applies to CLASSITEMs.</p> <p>AFAICS this cannot be easily fixed, because the project file doesn't contain information about the attribute names. Maybe that should be changed anyway as the attributes or their order in the table might change, although the references fields still exists.</p>	

#### Associated revisions

##### Revision f0f9bd12 - 2007-11-18 01:05 PM - Jürgen Fischer

only store name of layerfield if it's actually set, fixes #814

git-svn-id: <http://svn.osgeo.org/qgis/trunk/qgis@7453> c8812cc2-4d05-0410-92ff-de0c093fc19c

##### Revision 415646af - 2007-11-18 01:05 PM - Jürgen Fischer

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git-svn-id: <http://svn.osgeo.org/qgis/trunk@7453> c8812cc2-4d05-0410-92ff-de0c093fc19c

#### History

##### #1 - 2007-11-17 05:19 PM - Gary Sherman

This requires a change in the [[QgsProject]] code to either:

1. write a separate xml tag containing the actual field name
2. eliminate the use of the field index and use the name instead

Item 1 is probably the simplest at present and wouldn't impact existing project read/write routines.

The mapserver exporter currently has no way to open data sets and retrieve the field information, given we are dealing with file-based and [[PostGIS]] data stores.

##### #2 - 2007-11-17 05:37 PM - Jürgen Fischer

- Status changed from Open to In Progress

This doesn't apply to CLASSITEMs as they are written explicitly by name.

I'll add an attribute containing the name of the field to the label tag in vector layers and add support for that in the mapexport.

**#3 - 2007-11-17 07:47 PM - Jürgen Fischer**

- Status changed from *In Progress* to *Closed*
- Resolution set to *fixed*

fixed in commit:2bec93ed (SVN r7449), but the project needs to be resaved before it'll work.

**#4 - 2007-11-17 08:36 PM - Gary Sherman**

- Status changed from *Closed* to *Feedback*
- Resolution deleted (*fixed*)

This doesn't work. The default label text is being written to the XML rather than the name of the label field. I think the changes may need to be made in `[[QgsLabel]]::writeXML` in order to get the correct field name.

**#5 - 2007-11-18 06:06 AM - Jürgen Fischer**

how does the default label text get exported?

AFAICS `[[QgsLabel]]::labelField(Text)` either returns the correct fieldname or an empty string. The empty string case is now covered in commit:415646af (SVN r7454), although the mapserver export doesn't set empty LABELITEMs anyway.

**#6 - 2007-11-18 04:17 PM - Jürgen Fischer**

- Resolution set to *fixed*
- Status changed from *Feedback* to *Closed*