

QGIS Application - Bug report #9791

Wrong area in composer with enabled OTF

2014-03-16 02:43 AM - Alexander Bruy

Status: Closed	
Priority: High	
Assignee:	
Category: Expressions	
Affected QGIS version: 2.2.0	Regression?: No
Operating System: all	Easy fix?: No
Pull Request or Patch supplied:	Resolution:
Crashes QGIS or corrupts data:	Copied to github as #: 18332
Description	
<p>Geometry functions "\$area", "\$perimeter" and probably others always return values in layer map units even if OTF is enabled and project units are different. In same time this functions in Field calculator returns correct result using units of the destination CRS.</p> <p>To reproduce:</p> <ol style="list-style-type: none">1. load attached project (layer used EPSG:4326, OTF to EPSG:3857 enabled)2. enable editing and calculate features area using Field calculator3. now open composer "Test_area"4. enable atlas preview and navigate on features5. areas are in degrees instead of meters <p>Tested on master and 2.2.0</p>	

Associated revisions

Revision 0cb98546 - 2014-10-19 02:04 AM - Nyal Dawson

[composer] Fix area calculation in expressions with OTF (fix #9791)

Adds an argument to QgsExpression::replaceExpressionText to allow passing an optional QgsDistanceArea to use during calculations. Ensure that html and label composer items correctly specify this argument.

History

#1 - 2014-10-18 05:13 PM - Nyal Dawson

- Status changed from Open to Closed

Fixed in changeset commit:"0cb985465b839ae4a4375bcbf4958c92f704b653".