

QGIS Application - Bug report #12671

Cursor icon is too small on HiDPI screen

2015-04-30 01:27 AM - Alessandro Pasotti

Status: Closed	
Priority: Normal	
Assignee: Alessandro Pasotti	
Category: GUI	
Affected QGIS version: master	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied:	Resolution: fixed/implemented
Crashes QGIS or corrupts data:	Copied to github as #: 20778
Description	
<p>Cursor icon size is hardcoded to 16x16 in many parts of the code (for example: https://github.com/qgis/QGIS/blob/master/src/app/qgisapp.cpp#L2317)</p> <p>this makes the cursor very difficult to see.</p> <p>The modification I suggest is to add a new QgsApp method that returns the zoom factor, calculated on a 96 dpi base, this will allow to resize all GUI parts by multiplying by the zoom factor.</p> <p>To get current DPI you can use (Python code):</p> <pre>QgsApplication.instance().desktop().physicalDpiX()</pre> <p>The very same method could be used to resize icons and other GUI elements.</p>	
Related issues:	
Related to QGIS Application - Feature request # 11103: Support for retina dis...	Closed 2014-08-26

Associated revisions

Revision 7ae8e164 - 2017-11-27 11:51 AM - Alessandro Pasotti

[bugfix][hidpi] Scalable SVG theme cursors

Add support for SVG cursor:

- ZoomIn,
- ZoomOut,
- Identify,
- CrossHair,
- CapturePoint,
- Select,
- Sampler,

Icons are provisional: they need some love from a decent graphics designer.

Fixes #12671

History

2025-07-13

1/2

#1 - 2015-09-21 09:14 AM - Anita Graser

- Assignee set to *Alessandro Pasotti*

#2 - 2017-03-06 02:41 PM - Giovanni Manghi

- Priority changed from *High* to *Normal*

#3 - 2017-04-20 11:45 AM - Anita Graser

- Affected QGIS version changed from *2.8.1* to *master*

- Target version set to *Future Release - High Priority*

This is still an issue.

For example, the identify tool cursor is so tiny that it is barely usable.

#4 - 2017-05-01 01:07 AM - Giovanni Manghi

- Regression? set to *No*

- Easy fix? set to *No*

#5 - 2017-11-24 07:39 PM - Alessandro Pasotti

- Description updated

I have a working prototype and I can fix the C++ side for cursor icons that are

- scalable

- SVG-based

- themable

but I'm not that good at SVG for creating the icons themselves any volunteer?

we need the icons that are listed in this file:

<https://github.com/qgis/QGIS/blob/master/src/gui/qgscursors.cpp#L23>

#6 - 2017-12-01 09:52 AM - Anonymous

- Status changed from *Open* to *Closed*

- % Done changed from *0* to *100*

Applied in changeset commit:qgis|7ae8e16427e5757d209f6cb18d1b247de8ef6be1.

#7 - 2017-12-02 06:29 PM - Giovanni Manghi

- Resolution set to *fixed/implemented*