

# QGIS Application - Feature request #13581

## FreeCAD integration with/within QGIS

2015-10-12 04:58 PM - MRick -

<b>Status:</b> Open	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Unknown	
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b>
<b>Easy fix?:</b> No	<b>Copied to github as #:</b> 21623
<b>Description</b>	
<p>FreeCAD is Python 2D/3D CAD package with parametric functions. <a href="http://www.freecadweb.org/wiki/?title=About_FreeCAD">http://www.freecadweb.org/wiki/?title=About_FreeCAD</a></p> <p>It CAD also be used in console mode only and controled by the command line. <a href="http://www.freecadweb.org/wiki/index.php?title=Start_up_and_Configuration">http://www.freecadweb.org/wiki/index.php?title=Start_up_and_Configuration</a></p> <p>FreeCAD can be run as a simple Python module.</p> <p>Do you think QGIS could interfer through a plugin and/or scripts to get advanced CAD features from FreeCAD?</p> <p>FreeCAD could be used for 3D design as well. For example, I want to get a building and then georeference it inside QGIS is the way of SketchUp does. So FreeCAD could be used to get 3D design inside QGIS.</p> <p>And maybe it could bring features to create an AutoCAD Map and/or AutoCAD Civil like bundle(s).</p> <p>Just a set of ideas I wanted to share while I'm using both of them and like both of them.</p>	

### History

#1 - 2015-10-12 05:20 PM - MRick -

I forgot to mention, it could bring more simple features of what RhinoCity/RhinoTerrain do with Rhino 3D and GIS.  
[http://www.rhinoterrain.com/en/home.html#.VhxN969e\\_MU](http://www.rhinoterrain.com/en/home.html#.VhxN969e_MU)

#2 - 2015-10-12 11:33 PM - Paolo Cavallini

Sounds interesting. I think this is more appropriate for a public discussion on qgis-dev mailing list than as a ticket there.  
Have you contacted the developers of FreeCAD? It would help a lot if they would be interested in cooperating.  
Thanks.

#3 - 2015-10-13 04:29 AM - MRick -

No I didn't contact the developers of FreeCAD yet. I first wanted to see if it could be interesting or not to use it with QGIS.  
I'll try to publish this in the qgis-dev mailing list.  
The ticket can be closed though if this isn't the right place.

#4 - 2015-10-13 03:04 PM - MRick -

**#5 - 2017-05-01 12:47 AM - Giovanni Manghi**

- *Easy fix? set to No*

**#6 - 2017-09-22 10:07 AM - Jürgen Fischer**

- *Category set to Unknown*