"Add Rectangle From 3 Points" is enabled on a new project

QGIS Application - Bug report #20333

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Alexander Bruy</td>
</tr>
<tr>
<td>Category:</td>
<td>Digitising</td>
</tr>
<tr>
<td>Affected QGIS version:</td>
<td>3.4.0</td>
</tr>
<tr>
<td>Regression?:</td>
<td>No</td>
</tr>
<tr>
<td>Easy fix?:</td>
<td>No</td>
</tr>
<tr>
<td>Resolution:</td>
<td>fixed/implemented</td>
</tr>
<tr>
<td>Copied to github as #:</td>
<td>28154</td>
</tr>
</tbody>
</table>

**Description**

Qgis 3.4, a new profile with no plugins installed.

Start a new project.

Most of the Edit options are disabled except, weirdly, for "Add Rectangle From 3 Points". Every other Rectangle, Circle, etc creation option is disabled.

So I select it, and I can draw rectangles on the canvas with no layers in the legend, and they appear as red lines. Oddly, subsequent rectangles are connected from one corner of the previous to a corner of the other.

**Related issues:**

- Related to QGIS Application - Bug report # 18141: [GUI] Disable edit tools wh...  
  **Status:** Closed  
  **Closing date:** 2018-02-19

**Associated revisions**

**Revision ab3adc66 - 2019-01-25 09:00 AM - Alexander Bruy**

[gui] enable deselect feature and create rectangle action only when there is a vector layer in the project (fix #18141, #20333)

**Revision 38051a95 - 2019-01-25 09:31 AM - Alexander Bruy**

[gui] enable deselect feature and create rectangle action only when there is a vector layer in the project (fix #18141, #20333)

(cherry picked from commit ab3adc663c37b3da589cf6bae56d733fcbc4f6b3)

**History**

**#1 - 2018-11-02 10:39 PM - Giovanni Manghi**

- Category changed from Editing to Digitising
- Status changed from Open to Closed

Can't confirm here on Kubuntu 18.04 and qgis 3.4

**#2 - 2018-11-02 10:39 PM - Giovanni Manghi**

- Status changed from Closed to Feedback
EDIT: see #20333

I can partially confirm the issue on Windows 7 64 bit:
I see "Add Rectangle From 3 Points" tool enabled (in both the Shape Digitizing Toolbar and the Edit menu), but I can only began the drawing of a rectangle without the possibility to end the draw.

/EDIT

I add that is also meaningless enabled (before opening a project or in project without layers) the "Deselect Features from All Layers" in the Attributes Toolbar and in the Edit/Select menu (this behaviour is however also present in 2.18.23).

#4 - 2018-11-03 12:20 PM - Harrissou Santanna
- Related to Bug report #18141: [GUI] Disable edit tools when no layer is selected/available nor selected layer is in edit mode added

#5 - 2018-11-03 12:30 PM - Harrissou Santanna

@Andrea i don't have QGIS to test but i remember that finishing features with shape tools was not obvious to me when i first tested. You have to right-click again to close the geometry (see #17701), not trying with left click. Maybe it's what prevents you to finish the feature?

#6 - 2018-11-03 02:47 PM - Andrea Giudiceandrea

Thank you Harrissou, you are right and I agree with your fr #17701!

So now I can fully confirm the issue reported by Barry Rowlingson

https://agiudiceandrea.github.io/QGIS340_01.GIF

#7 - 2019-01-25 09:00 AM - Alexander Bruy
- Status changed from Feedback to Closed
- % Done changed from 0 to 100

Applied in changeset commit:qgis|ab3adc663c37b3da589cf6bae56d733fcbc4feb3.

#8 - 2019-01-25 09:31 AM - Alexander Bruy
- Resolution set to fixed/implemented
- Assignee set to Alexander Bruy

Files

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<thead>
<tr>
<th>File Name</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
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<tbody>
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<td>Screenshot_2018-11-02_17-10-08.png</td>
<td>4.87 KB</td>
<td>2018-11-02</td>
<td>Barry Rowlingson</td>
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<tr>
<td>screen_01.png</td>
<td>82.8 KB</td>
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<td>Barry Rowlingson</td>
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