

## QGIS Application - Feature request #18205

### Feature Request: Please provide an AppImage bundle for QGIS v3 (also for nightly builds)

2018-02-24 03:58 PM - Kurt Pfeifle

<b>Status:</b> Open	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Build/Install	
<b>Pull Request or Patch Supplied:</b>	<b>Resolution:</b>
<b>Easy fix?:</b> Yes	<b>Copied to github as #:</b> 26096
<b>Description</b>	
<p>Feature Request: Please provide an AppImage bundle for QGIS v3 (also for nightly builds)</p> <p>AppImage is an application binary format for Linux which has some unique features. Some of them here:</p> <ul style="list-style-type: none"><li>- Can run on many different Linux distros un-changed ("Create Once, Run Anywhere")</li><li>- Everything is bundled into one file following the "One App = One File" paradigm</li><li>- Doesn't need any "installation" step and works "out of the box"</li><li>- Doesn't need any pre-installed framework (unlike Snap or Flatpak)</li><li>- Doesn't need root privileges to run</li><li>- Runs from any location (even USB thumbdrives or shared network folders)</li><li>- Does not touch your native system package manager-controlled installations</li><li>- Does not mess with your system's installed libraries</li><li>- Can run different versions of the same app -- including the system-installed one -- side by side without conflict (great for debugging, bug triaging and translation teams)</li><li>- Can optionally run in a Firejail or other sandbox</li><li>- Can optionally include an "updateinfo" string which allows users to automatically apply binary delta updates once a new version is released</li><li>- Can optionally include a GPG signature signed by the developer/packager of an application</li><li>- Can optionally be listed on the [AppImageHub](<a href="https://appimage.github.io/apps/">https://appimage.github.io/apps/</a>) to help with the general visibility for an application</li></ul> <p>AppImages can automatically be built from GitHub sources by integrating with Travis CI, controlled by a .travis.yml script. The creation can automatically be triggered</p> <ol style="list-style-type: none"><li>upon making a tagged release ("release build"), or</li><li>upon each commit/push to the repository ("continuous build"), or</li><li>on a regular calendar-based timescale ("nightly build"), or</li><li>any combination of the previous ones.</li></ol> <p>An AppImage can even be generated by processing pre-built binaries; best if these binaries are .deb packages for Ubuntu Trusty, because then the resulting AppImage will run on the widest-possible range of distros (actually tested with more than 100 Live ISO images).</p> <p>If you are interested, surely the AppImage format and toolkit developers will be willing to help you create such a package. They can help with providing/modifying a shell script to QGIS which converts your pre-built Trusty packages.</p> <p>You can also ask for support and helping hands in the <a href="#">#AppImage channel on Freenode</a>).</p>	

#### History

#1 - 2019-02-14 01:35 PM - Jürgen Fischer

- Description updated