

	Cross-Platform	Language + Framework Familiarity	Adoption	Baseline Resource Usage (Memory/CPU)	Cross Compilable
Electron	Yes (Windows/MacOS/Linux) ¹	I'm familiar with Javascript, HTML, and CSS, ² but otherwise no prior experience with Electron	Used by many major apps, like 1Password, VSCode, Slack, and Discord ³	106 MB/0.1%	Yes ⁴
Qt	Yes (Windows/MacOS/Linux) ⁵	I'm less familiar with C++ and Python, ⁶ no prior experience with Qt. It seems as if you don't need to use Qt tools, but it's recommended ⁷	VLC ⁸ , FreeCAD ⁹ , many KDE apps ¹⁰	19.8 MB/0.0%	Seems to be possible but very complicated ¹¹
Gtk	Yes (Windows/MacOS/Linux) ¹²	I'm familiar with C, ¹³ but otherwise no prior experience with Gtk	Firefox ¹⁴ , GIMP, Transmission, GNOME desktop ¹⁵	22.6 MB/0.0%	Seems to be possible but complicated ¹⁶

¹ <https://www.electronjs.org/docs/latest/>

² <https://www.electronjs.org/docs/latest/>

³ <https://www.electronjs.org/apps>

⁴ <https://www.electronjs.org/docs/latest/tutorial/tutorial-packaging>,
<https://www.electronforge.io/config/makers/deb>

⁵ <https://doc.qt.io/qt-6/supported-platforms.html>

⁶ <https://www.qt.io/product/qt6/qml-book/ch02-start-hello-world>, <https://wiki.python.org/moin/PyQt>

⁷ https://www.reddit.com/r/cpp_questions/comments/n39x1h/learning_to_use_qt_without_qtcreator/,
<https://stackoverflow.com/questions/3632038/can-i-use-qt-without-qmake-or-qt-creator>

⁸ <https://github.com/videlalva/vlc>

⁹ <https://github.com/FreeCAD/FreeCAD>

¹⁰ https://github.com/najepaliya/awesome_qt

¹¹ https://wiki.qt.io/Cross-Compile_Qt_6_for_Raspberry_Pi#Install_Cross_Compiler

¹² <https://www.gtk.org/docs/installations/index>

¹³ <https://www.gtk.org/docs/getting-started/hello-world/>

¹⁴ <https://en.wikipedia.org/wiki/Firefox>

¹⁵ <https://en.wikipedia.org/wiki/GTK>

¹⁶

<https://opencoursehub.cs.sfu.ca/bfraser/grav-cms/cmpt433/links/files/2022-student-howtos/CrossCompilingGTKApplicationForBeagleBoneBlack.pdf>

Tauri	Yes (Windows/macOS/Linux) ¹⁷	I'm familiar with Javascript, HTML, and CSS, ¹⁸ but otherwise no prior experience with Tauri	No known major apps using it ¹⁹	74.6 MB/0.0%	Currently not possible ²⁰
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¹⁷ <https://github.com/tauri-apps/tauri>

¹⁸ <https://github.com/tauri-apps/tauri>

¹⁹ <https://github.com/tauri-apps/awesome-tauri>

²⁰ <https://tauri.app/v1/guides/building/linux>