Using Qt for GUI tasks in R
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Although R is primarily a command-line tool, it provides facilities for interfacing with various GUI toolkits. Qt is a powerful, robust, and cross-platform GUI toolkit licensed under the GPL. Full use of Qt from R requires bindings to Qt, which are not yet available. However, it is relatively simple to write custom tools that use Qt for specific purposes. In this talk, I will give some examples of such tools, including a R graphics device implemented using Qt, an alternative R help browser with full-text search capabilities, a simple data import wizard, and a basic but functional high-level graphics system not unlike lattice, that is completely independent of the R graphics engine.

References