

Programming Leftovers

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- [Ravgeet Dhillon: Build a Tip Calculator App in Flutter](#) [2]

In this tutorial, you'll create a Tip Calculator app and learn some of the basics of developing a Flutter app. The app will let the user input - Bill Amount and Tip Percentage. Based on these values, it will calculate Tip Amount and Total Amount.

- [Book Review: Cross-Platform Development with Qt 6 and Modern C++](#) [3]

I recently received a review copy of the Cross-Platform Development with Qt 6 and Modern C++ by Nibedit Dey available from Packt. I find it interesting to read books on Qt in the midst of a major version shift, as many of the underpinnings of Qt are revisited and updated by the development teams.

In his book, Nibedit balances between the newer technologies used, e.g. CMake, function reference based signals and slots, etc while referring back to Qt 5 (and even Qt 4) practices such as QMake, the SIGNAL and SLOT macros, and more. This gives a good context to the reader, which is good for the reader, as older practices still are used in older Qt-based codebases.

The book is divided into blocks with increasing depth and complexity. This makes it a good read for the beginner, as well as the more experienced user of Qt. Either you start from the beginning and get introduced to both widgets and QML, or you can dive straight into the more advanced topics such as the model-view concepts.

- [SReview::Video is now Media::Convert](#) [4]

SReview, the video review and transcode tool that I originally wrote for FOSDEM 2017 but which has since been used for debconfs and minidebconfs as well, has long had a sizeable component for inspecting media files with ffprobe, and generating ffmpeg command lines to convert media files from one format to another.

This component, SReview::Video (plus a number of supporting modules), is really not tied very much to the SReview webinterface or the transcoding backend. That is, the webinterface and the transcoding backend obviously use the ffmpeg handling library, but they don't provide any services that SReview::Video could not live without. It did use the configuration API that I wrote for SReview, but disentangling that turned out to be very easy.

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Links:

[1] <http://www.tuxmachines.org/taxonomy/term/145>

[2] <https://www.ravsam.in/blog/build-a-tip-calculator-app-in-flutter/>

[3] <http://www.thelins.se/johan/blog/2021/09/book-review-cross-platform-development-with-qt-6-and-modern-c/>

[4] https://grep.be/blog//en/computer/SReview/SReview__Video_is_now_Media__Convert/