

# Programming Leftovers

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- [The Titler Revamp ? The QML MLT Producer is testing ready](#) [2]

The last time I blogged about the Titler, I promised that the next update would be when we have some sort of a backend ready ? and I'm happy to announce now that now we have some sort of a backend ready!

- [The Meson Manual is now available for purchase](#) [3]

Some of you might remember that last year I ran a crowdfunding campaign to create a full written user manual for Meson. That failed fairly spectacularly, mostly due to the difficulty of getting any sort of visibility for these kinds of projects (i.e. on the Internet, everything drowns).

- [anytime 0.3.7](#) [4]

A fresh minor release of the anytime package is arriving on CRAN right now. This is the eighteenth release, and it comes roughly five months after the previous showing the relative feature-stability we have now.

anytime is a very focused package aiming to do just one thing really well: to convert anything in integer, numeric, character, factor, ordered, ? format to either POSIXct or Date objects ? and to do so without requiring a format string. See the anytime page, or the GitHub README.md for a few examples.

This release brings a clever new option, thanks to Stephen Froehlich. If you know your input has (lots) of duplicates you can now say so and anytime() (and the other entry points for times

and dates, UTC or not) will only parse the unique entries leading to potentially rather large speed gains (as in Stephen's case where he often has more than 95% of the data as duplicates). We also tweaked the test setup some more, but as we are still unable to replicate what is happening with the Fedora test boxen at CRAN due to the non-reproducible setup so this remains a bit of guess work. Lastly, I am making use of a new Rcpp #define to speed up compilation a little bit too.

- [Merging Of Flang/F18 Fortran Compiler Support Into LLVM Has Been Delayed](#) [5]

The modern F18/Flang Fortran front-end to LLVM had been set to land in the LLVM mono repository last Monday that could have made it included as part of the LLVM 10.0 branch set for that day. The LLVM 10.0 branching happened as planned but the landing of this Fortran support did not.

Landing of the Flang front-end was delayed to allow for last minute changes to happen. Their revised target for merging was 20 January.

- [Connect your Raspberry Pi 4 to an iPad Pro](#) [6]

Have you ever considered attaching your Raspberry Pi 4 to an Apple iPad Pro? How would you do it, and why would you want to? Here's YouTuber Tech Craft to explain why Raspberry Pi 4 is their favourite iPad Pro accessory, and why you may want to consider using yours in the same way.

## [Development](#)

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**Source URL:** <http://www.tuxmachines.org/node/133140>

### **Links:**

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

[2] <https://kdenlive.org/en/2020/01/the-titler-revamp-the-qml-mlt-producer-is-testing-ready/>

[3] <http://nibblestew.blogspot.com/2020/01/the-meson-manual-is-now-available-for.html>

[4] [http://dirk.eddelbuettel.com/blog/2020/01/20#anytime\\_0.3.7](http://dirk.eddelbuettel.com/blog/2020/01/20#anytime_0.3.7)

[5] [https://www.phoronix.com/scan.php?page=news\\_item&px=Flang-Fortran-Landing-Delayed](https://www.phoronix.com/scan.php?page=news_item&px=Flang-Fortran-Landing-Delayed)

[6] <https://www.raspberrypi.org/blog/connect-your-raspberry-pi-4-to-an-ipad-pro/>