Programming: KDE at Congress, Java, C and Python

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  36C3 Impressions [2]

  I was given the opportunity to present our work on KDE Itinerary on the WikipakaWG stage (part of the joint presence of Wikimedia and the Open Knowledge Foundation). A big thanks for that again!

  The slides are here. At this point there is no released video recording yet, until that?s available you should still find the relive stream.

  Besides showing overall what we are doing and have built so far, and why this matters, we managed to have a few sneak preview screenshots of the latest developments that haven?t been shown anywhere before yet. Another such preview could be spotted in a presentation of another project at the event. So stay tuned for announcements in January

  Following that I got a large amount of input and positive feedback, people seem to like the idea of a privacy first digital travel assistant. This also lead to a number of interesting contacts for possible collaborations in 2020, let?s see what comes out of this.

  KDE at Congress

  There were only very few KDE people at 36C3, and only very few talks covering KDE projects. I did spot a very well attended talk about Linux-based mobile platforms covering Plasma Mobile by someone I didn?t know yet, so there definitely seems to be interest in KDE?s work there.

  I mainly focused on mobility or open transport data topics for KDE Itinerary, that left little time to cover other things highly relevant for KDE like free mobile platforms, environmental impact of software, Free Software in public administration, or let alone the enormous field of privacy related topics.

  I?d therefore suggest KDE to attend with a larger team next time, not necessarily with a

stationary presence, but with more people to present our work and to connect with others with overlapping interests.

- **[Java retrospective #3 ? most important thing for the community in 2019](#)** [3]

  As 2019 draws to a close, we got in touch with some prominent members of the Java community to gather their thoughts on the events of the last year. In this five part series, we will look at what they had to say. In this third part, we asked what the most important thing for the Java community was in 2019.

- **[Ringing In 2020 By Clang'ing The Linux 5.5 Kernel - Benchmarks Of GCC vs. Clang Built Kernels](#)** [4]

  The main issue encountered when Clang'ing Linux 5.3 was the AMDGPU driver running into build problems. Fortunately, that was since resolved and with Linux 5.5 tests I recently did when building the kernel with Clang 9.0, the AMDGPU driver has worked out fine. With that resolved and no new Clang kernel compatibility problems introduced, it was a pleasant experience building Linux 5.5 with Clang simply by adjusting the CC environment variable.

- **[Area of sinc and jinc function lobes](#)** [5]

  The lobes are the regions between crossings of the x-axis. For the sinc function, the lobe in the middle runs from -? to ?, and for n > 0 the nth lobe runs from n? to (n+1)?. The zeros of Bessel functions are not uniformly spaced like the zeros of the sine function, but they come up in application frequently and so it?s easy to find software to compute their locations.

- **[Sorting Data With Python](#)** [6]

  All programmers will have to write code to sort items or data at some point. Sorting can be critical to the user experience in your application, whether it?s ordering a user?s most recent activity by timestamp, or putting a list of email recipients in alphabetical order by last name. Python sorting functionality offers robust features to do basic sorting or customize ordering at a granular level.

  In this course, you?ll learn how to sort various types of data in different data structures, customize the order, and work with two different methods of sorting in Python.

[Development](#)

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