today's leftovers

By Roy Schestowitz
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- LHS Episode #293: Have Lawn Chair Will Broadcast [3]

  Welcome to the 293rd installment of Linux in the Ham Shack! In the episode, the hosts tackle topics from upcoming RSGB contests on the new, hot FT-4 mode, the origin of "Mayday" as a distress call, magloop antennas, CoreCtrl, the vanishing floppy disk, DMR (Digital Mobile Radio) and much more. Thank you for tuning in and have a wonderful week.

- DNS-over-HTTPS (DoH) Update ? Detecting Managed Networks and User Choice [4]

  At Mozilla, we are continuing to experiment with DNS-over-HTTPS (DoH), a new network protocol that encrypts Domain Name System (DNS) requests and responses. This post outlines a new study we will be conducting to gauge how many Firefox users in the United States are using parental controls or enterprise DNS configurations.

  With previous studies, we have tried to understand the performance impacts of DoH, and the results have been very promising. We found that DoH queries are typically the same speed or slightly slower than DNS queries, and in some cases can be significantly faster. Furthermore, we found that web pages that are hosted by Akamai?a content distribution network, or ?CDN??have similar performance when DoH is enabled. As such, DoH has the potential to improve user privacy on the internet without impeding user experience.

  Now that we?re satisfied with the performance of DoH, we are shifting our attention to how
we will interact with existing DNS configurations that users have chosen. For example, network operators often want to filter out various kinds of content. Parents and schools in particular may use parental controls, which block access to websites that are considered unsuitable for children. These controls may also block access to malware and phishing websites. DNS is commonly used to implement this kind of content filtering.

- **New CSS Features in Firefox 68**[5]

Firefox 68 landed earlier this month with a bunch of CSS additions and changes. In this blog post we will take a look at some of the things you can expect to find, that might have been missed in earlier announcements.

- **How to Build a Career in Artificial Intelligence and Machine Learning?**[6]

Math is just one of the skillsets that aspiring AI and ML professionals are expected to have. This is only one half the requirement, the other half is one’s expertise in programming languages, such as Java, C++, Python, and R.

While C++ helps engineers increase the speed of their coding process, Python will help them understand and create complex algorithms. Python is also the go-to choice for ML developers, and also offers various libraries and frameworks to ease the process of creating an AI model. Similarly, R and Java help professionals understand stats and implement mappers, respectively. They are important considering the role of visualization in explaining AI.

**Misc**

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