Huawei open-sources MindSpore, a framework for AI app development

Huawei this week announced that MindSpore, a framework for AI app development the company detailed in August 2019, is now available in open source on GitHub and Gitee. The lightweight suite is akin to Google's TensorFlow and Facebook's PyTorch, and it scales across devices, edge, and cloud environments, ostensibly lowering the barrier to entry for developers looking to imbue apps with AI.

Open source approach for patients arriving at the clinic with Clinic Arrivals

Video conferencing is being done through the open source OpenVidu, which means patients simply have to click on a link in the SMS and there are no apps to download.

The SMS gateway is provided by Twilio, which lets users send and receive text messages using web service APIs.

Mr Grieve said OpenVidu was deliberately chosen as unlike other free offerings, it does not require patients to sign up or be given an ID, and instead allows them to get straight to the appointment.

This is a link that takes them straight to a website and straight into the video call on the website, he said. There is zero impact on the patient's end and that was really important to me. There is no app, no set-up.

ISTAT (Instituto Nazionale di Statistica) distributes, under the EUPL licence, their RELAIS toolkit.
REL AIS (REcord Linkage At IStat) is a toolkit for dealing with record linkage projects.

The purpose of record linkage is to identify the same real world entity that can be differently represented in multiple data sources, even if unique or common identifiers are not available or are affected by errors.

**System Hackers meeting - Lyon edition** [5]

For the 4th time, and less than 5 months after the last meeting, the FSFE System Hackers met in person to coordinate their activities, work on complex issues, and exchange know-how. This time, we chose yet another town familiar to one of our team members as venue - Lyon in France. What follows is a report of this gathering that happened shortly before #stayhome became the order of the day.

For those who do not know this less visible but important team: The System Hackers are responsible for the maintenance and development of a large number of services. From the fsfe.org website's deployment to the mail servers and blogs, from Git to internal services like DNS and monitoring, all these services, virtual machines and physical servers are handled by this friendly group that is always looking forward to welcoming new members.

Interestingly, we have gathered in the same constellation as in the hackathon before, so Albert, Florian, Francesco, Thomas, Vincent and me tackled large and small challenges in the FSFE's systems. But we have also used the time to exchange knowledge about complex tasks and some interconnected systems. The official part was conducted in the fascinating Astech Fablab, but word has it that Ninkasi, an excellent pub in Lyon, was the actual epicentre of this year's meeting.

**Your occasional enterprise storage digest, featuring Commvault, Nutanix, HYCU, MariaDB and more** [6]

MariaDB has announced SkySQL database-as-a-service version of its eponymous software. SkySQL has a cloud-native architecture and uses Kubernetes for orchestration; ServiceNow for inventory, configuration and workflow management; Prometheus for real-time monitoring; and Grafana for visualization. It offers transaction and analytics support, with row, columnar, and combined row and columnar storage.

**DataStax launches Kubernetes operator for open source Cassandra database** [7]

Today, DataStax, the commercial company behind the open source Apache Cassandra project, announced an open source Kubernetes operator developed by the company to run a cloud
native version of the database.

- Didn’t see that coming: DataStax emits open source Kubernetes operator for Cassandra

NoSQL slinger DataStax has released an open source Kubernetes operator for Apache Cassandra as it seeks to cosy back up to the community.

Fresh from snapping up Cassandra consultancy The Last Pickle for an undisclosed amount on 3 March, the veteran NoSQL biz has rounded out the month by opening up the source to its Kubernetes operator, replete with lessons learned from its forever-in-beta hosted Cassandra product, Astra (formerly Apollo.)

Operators are one way to deal with the complexities of Kubernetes, abstracting (at least in theory) the user from the grumpy bits of deploying and operating an application behind familiar Kubernetes tooling. Certainly, deploying and managing something like Cassandra in such an environment can be challenging enough without having to dive elbow-deep into the guts of thing.