OSS: CLIP OS, HAIKU, Braiins OS, SDN, SaaS

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**CLIP OS, fighting bias and diagnosing cancer with AI, Consul open source citizen participation platform, and more news**[2]

The National Cybersecurity Agency of France takes digital protection very seriously — so seriously, in fact, that the organization has its own secure operating system, which it's open sourced.

Called CLIP OS, the operating system is built on Linux and "uses a 'partitioning mechanism' that allows the OS to separate public and sensitive data into two 'totally isolated' software environments." The agency says that CLIP OS is designed to be deployed "on both security gateways and workstations."

You can learn more about CLIP OS at the project's website or on GitHub. If you want to use it, you'll need to compile the code yourself.

**HAIKU R1 Beta 1 released (open source operating systems)**[3]

Open source operating system HAIKU is a lightweight, fast, and relatively simple operating system that picks up where the discontinued BeOS left off when its development ceased in 2001.

This weekend the HAIKI team released HAIKU R1 Beta 1, which is kind of a big deal when you consider that the last major release of the operating system came in November, 2012.

I took a look at HAIKU a few months ago when it became clear that the new beta was on the way. Now it's here, and HAIKU R1 brings a bunch of significant updates.
This week the software developers behind the mining operation Slush Pool have announced a new organization alongside releasing an open source operating system (OS) for cryptocurrency devices. The new offshoot company called Braiins has produced a Linux based system for bitcoin mining rigs and they plan to extend the OS to other digital currency software embedded devices.

Are communications service providers confident in open source networking solutions?

Conducted by Heavy Reading, the multi-client survey spanning six segments across networking technologies - DevOps, automation, cloud native, big data and analytics, open networking performance, software-defined networking (SDN), and management and orchestration (MANO) - indicates continued and increasing importance of open source software for network transformation.

Key findings indicate CSPs show an unexpected level of sophistication around new technologies and approaches, including adoption of open networking solutions in numerous domains and active automation of processes across operations.

"From the number of CSPs expecting open source to be a critical component of next-gen networks, to the growing importance of emerging technologies like DevOps and cloud native, it's encouraging to see open source continue to mature and watch real progress unfold," said Heather Kirksey, Vice President, Ecosystem and Community, LFN.

The survey includes responses from 150 CSP representatives across 98 discrete companies worldwide. Bringing an unprecedented look at operator perceptions and experience of open source networking technologies, the survey delivers a comprehensive look at the state of open source in networking today.

Challenges to Expect When Open Sourcing your SaaS Business

In my previous article, I walked through scenarios to help you determine whether to open source your SaaS solution, and discussed the cost-benefit analysis that goes along with this decision. From an open source point of view, there's no point in just chucking code over the wall, slapping on an open source license, and calling it a day. You want to create an inviting community where people want to collaborate and spend time-even socialize!-with you.

John Mark Walker Chucking code over the wall accomplishes nothing, besides giving others insight into how you do things. Although that may be interesting and beneficial for them, you don't get much benefit unless you create the pathways of collaboration and communication that unlock a thriving community. Thus, you have an inherent interest in doing this The Right Way?. 