

OSS Leftovers

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- [Industrifonden invests \\$1.5 million in Freemelt's open source EBM technology](#) [2]

The Freemelt One, is an electron beam melting 3D printer, intended for Additive Manufacturing materials R&D and requires only a small amount of powder to operate, making it affordable and fast for users to test different metal powders. Since it is an open-source system, it allows users to adapt and evolve the code, and share it within the community, to accelerate the development of tomorrow's materials.

- [Introducing CUE, an open-source data constraint language that merges types and values into a single concept](#) [3]

Inspired by Google's General Configuration Language (GCL), a team of developers has now come up with a new language called CUE. It is an open-source data validation language, which aims to simplify tasks that involve defining and using data. Its applications include data validation, data templating, configuration, querying, code generation and even scripting.

There are two core aspects of CUE that set it apart from other programming or configuration languages. One, it considers types as values and second, these values are ordered into a lattice, a partially ordered set.

- [Leadership Shakeup at Wasabi Wallet as Bitcoin Business Surges](#) [4]

One of bitcoin's most experimental startups has grown dramatically over the past year, highlighting both the opportunities and pitfalls of open source development.

- [Auterion, Open Source Operating System for Drones, Announces New MAVSDK: Software Development Kit for Drone Communications \[5\]](#)

Auterion, the leading open-source operating system for enterprise drones, today announced the release of MAVSDK, a set of libraries in different programming languages (C++, Python, Swift, Java) that provide a high-level API to the MAVLink protocol for communication between a ground control station and drones, or the drone and a payload sensor.

[...]

“Until today, customizing operations in the MAVLink protocol required a deep understanding of complex subjects such as embedded systems, drone dynamics, and the C++ programming language,” said Kevin Sartori, co-founder of Auterion. “Now, with MAVSDK, any qualified mobile developer can write high-level code for complex operations, meaning more developers will be able to build custom applications and contribute to the community.”

- [Binance launches Binance X, aims at building open-source crypto software \[6\]](#)

Crypto-exchange giants, Binance, launched Binance X to extend its research in open-source blockchain development. They will be funding more than 40 developers researching open-source crypto software. Binance X also hopes to assist “evangelists” to promote education around the space by providing resources to projects in various stages of development.

Binance X offers a fellowship program that is aimed at research and development of open-source blockchain software. The exchange has not yet disclosed any information on how much funds it will provide for the 40 project leads that have already signed on as Binance X fellows. Applications are accepted on a rolling basis.

- [Catching the Second Wave With Kubernetes Open Source Products \[7\]](#)

I’d like to add to that “second wave” sentiment. We’ve been making a case for containers and Kubernetes for some time now, and adoption is growing at a rapid rate. But as Kubernetes continues to mature, companies realize that the complexity of spinning up their first clusters was only the tip of the iceberg. Kubernetes clusters require constant maintenance and oversight; while applications running inside Kubernetes can be individually trusted to start, scale and stop healthily, your cluster as a whole is an ever-evolving ecosystem.

- [Asterisk Service Launches Open Source SBC Solution With Advanced Features \[8\]](#)

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[1] <http://www.tuxmachines.org/taxonomy/term/72>

[2] <https://www.3dprintingmedia.network/industrifonden-invests-in-freemelt-one/>

[3] <https://hub.packtpub.com/introducing-cue-an-open-source-data-constraint-language-that-merges-types-and-values-into-a-single-concept/>

[4] <https://www.coindesk.com/leadership-shakeup-at-wasabi-wallet-as-bitcoin-business-surges>

[5] <https://dronelife.com/2019/09/05/auterion-open-source-operating-system-for-drones-announces-new-release/>

[6] <https://www.fxstreet.com/cryptocurrencies/news/binance-launches-binance-x-aims-at-building-open-source-crypto-software-201909030055>

[7] <https://containerjournal.com/topics/container-ecosystems/catching-the-second-wave-with-kubernetes-open-source-products/>

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