OSS Leftovers

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- **CloudState, an Open Source Serverless Framework for Knative/Kubernetes** [2]

  Lightbend has recently announced CloudState. Created by the team behind Akka, Play and the Reactive movement, CloudState is the first open source serverless framework designed to bring stateful management on Knative/Kubernetes stack.

- **GCC 10 Lands The eBPF Port For Targeting The Linux In-Kernel VM** [3]

  Up to now the LLVM compiler stack has been used when wanting to target the Linux's eBPF in-kernel virtual machine while now the port for the GNU Compiler Collection has been deemed in good enough shape and merged.

  Oracle developers can be thanked this time as it's their crew that nursed the GCC eBPF port into shape.

  The GCC eBPF port is roughly equivalent to the capabilities of targeting eBPF from LLVM/Clang. There are some missing bits of functionality but they plan to get to that with time.

- **Pulumi 1.0 Introduces Infrastructure As Code SDK** [4]

  Pulumi has launched version 1.0 of its modern infrastructure as code platform. The latest version introduces new capabilities designed to help developer and operations teams overcome organizational silos and achieve productivity, reliability and security on any cloud using

familiar programming languages and open source tools and frameworks.

- **Outreachy Applications Open For The Winter 2019 Round** [5]

  For the end-of-year internship period some of the projects on the table include integrating Jenkins with GitHub apps, fixing lock-related warnings within the Linux kernel, better displaying a JSON schema within Firefox, and various other possible projects.

  Women and other under-represented groups in tech can apply to Outreachy. The stipend for the Outreachy internship period is at $5,500 USD plus a $500 travel stipend.

[OSS](#)

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