

Infra Latest Ubuntu Distribution 22.04 preferred

Setup Dependencies

1. Set up eBPF dev environment:

Follow this link to set up a working eBPF environment

https://github.com/xdp-project/xdp-tutorial/blob/master/setup_dependencies.org

If you can get the simple XDP_PASS program to work, you have a working setup.

<https://github.com/xdp-project/xdp-tutorial/blob/master/basic01-xdp-pass/README.org>

2. Software dependencies to be installed for OPENED

1. **Codequery:** [ruben2020/codequery: A code-understanding, code-browsing or code-search tool. This is a tool to index, then query or search C, C++, Java, Python, Ruby, Go and Javascript source code. It builds upon the databases of cscope and ctags, and provides a nice GUI tool. \(github.com\)](#)
2. **TXL:** [Txl Home Page](#)
3. **Coccinelle:** <https://coccinelle.gitlabpages.inria.fr/website/>

3. eBPF monoliths: to be cloned

1. **Katran:** [facebookincubator/katran: A high performance layer 4 load balancer \(github.com\)](#)
2. **Cilium:** [cilium/cilium: eBPF-based Networking, Security, and Observability \(github.com\)](#)
3. **Mizar:** [CentaurosInfra/mizar: Mizar – Experimental, High Scale and High Performance Cloud Network https://mizar.readthedocs.io \(github.com\)](#)
4. **RakeLimit:** <https://github.com/cloudflare/rakelimit>