Alexei Fedotov

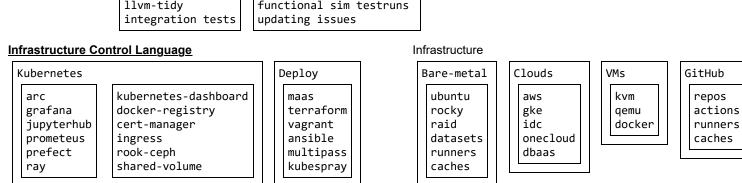
DevOps Engineer who likes open source and AI, alexei.fedotov@gmail.com, Munich/remote starting on 2 Jan, +49 174 4969771, Github, Linkedin.

Current Employment

Infrastructure and DevOps Engineer at Intel Corporation, responsible for CI and testing pipelines for AI projects: Triton fork, PyTorch, MLIR extensions, Modin, ICL, Graph Compiler, HDK and others. Developed bash, python scripts, cmake-files. Migrated from Teamcity to GitHub actions. Compliled Al projects using g++, nvcc, icpx, cython, conda compilers. Evaluated pipeline failures with the focus on conda, Falcon Shores and bare-metal runs. Helped developers to overcome Linux and hardware challenges.

backups

Processes release engineering access governance maintenance notifications sla security compliance info sharing scans, signing retention policy Containerized Environments self-hosted runners jupyter profiles dev dockers arc runners perf measurement dockers reproducers Pipelines product build license check regular functional tests performance tests container tests infra build style check cpu testruns updating dashboard updating ICL definitions **ASAN** gpu testruns llvm-tidy functional sim testruns integration tests updating issues



Previous Experience (25+ years)

Release Engineering. Java Device Testing Suite at Sun Microsystems, reliability and performance releases at Intel Corporation. Apache **Openmeetings** releases. Debian and RedHat-based Linux distributions.

Development. Functional simulator for ARM-compatible hardware at Soft Machines, design docs, OS compatibility layer, Java byte code verifier at Intel Corporation. And more.

Management. SQE teams (10+ engineers), open-source software business (20+ reports), virtual teams (50+ engineers).

Teaching. CMMi certification courses on quality management, and number theory, 4 Google Summer of Code projects, 10 student theses, 8 published papers, 8 patent applications.

Education

DevSecOps, machine learning, finance and management trainings at Intel Master degree with honors in Mathematics, Applied Mathematics from Moscow State University