

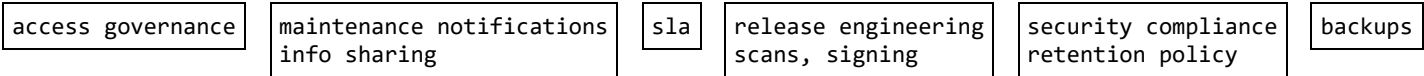
Alexei Fedotov

DevOps Engineer who likes open source and AI, alexei.fedotov@gmail.com, Munich/remote, +49 174 4969771, Github, LinkedIn.

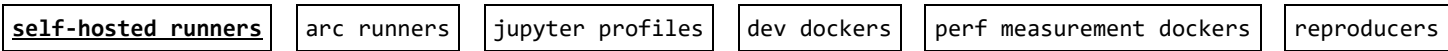
Current Employment

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. Compiled AI 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.

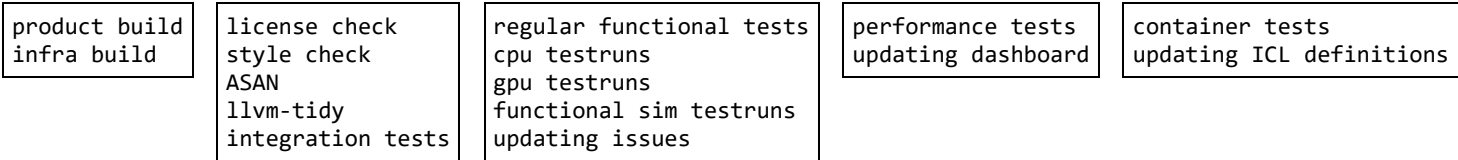
Processes



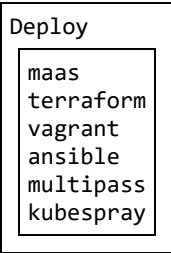
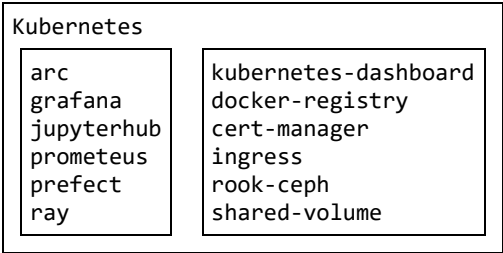
Containerized Environments



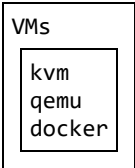
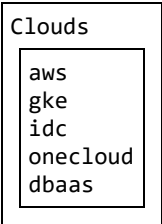
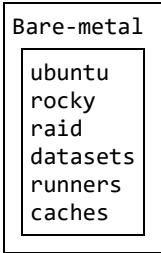
Pipelines



Infrastructure Control Language



Infrastructure



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

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