

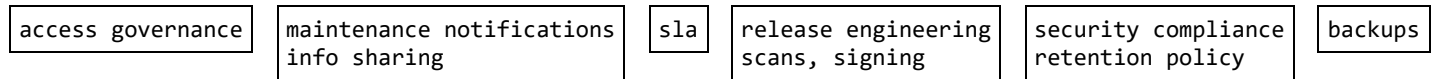
Alexei Fedotov

DevOps Engineer with managerial background 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. 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.

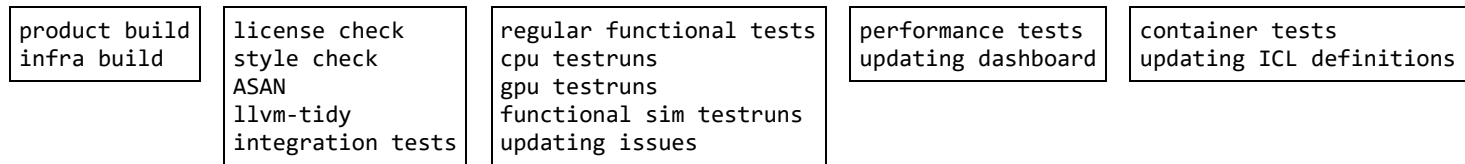
Processes



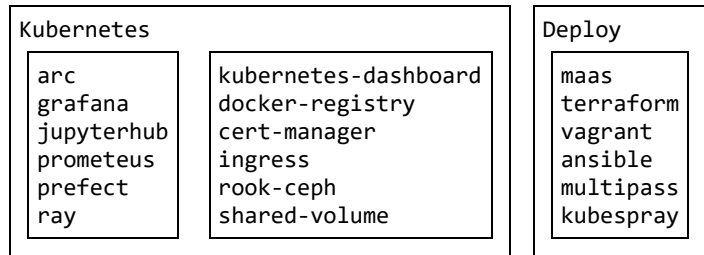
Containerized Environments



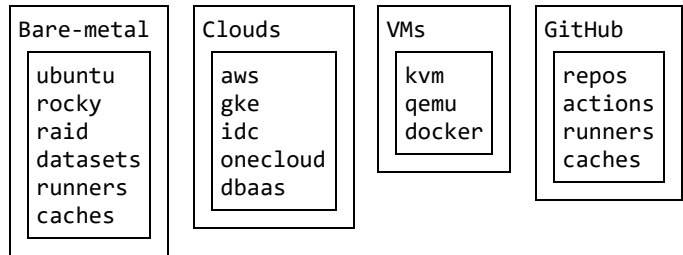
Pipelines



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

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