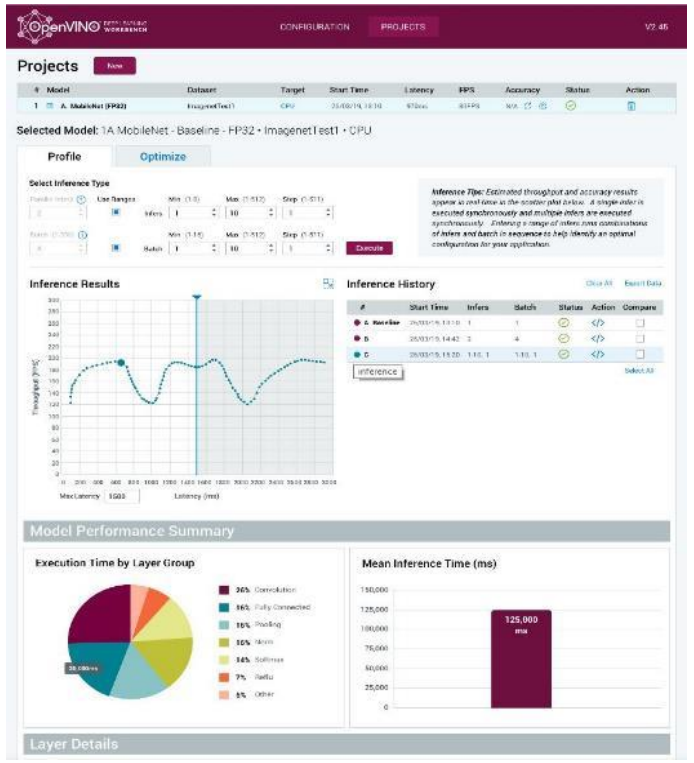
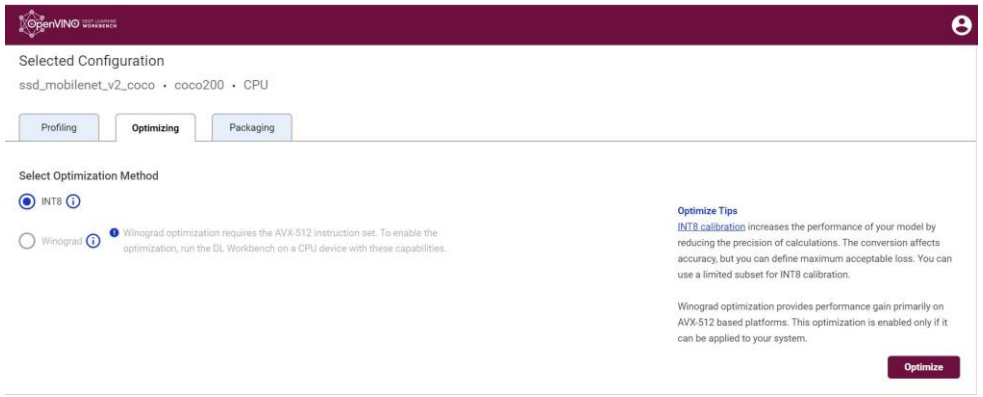
Deep Learning Workbench

Deep Learning Workbench

- Web-based, **UI extension tool** of the Intel® Distribution of OpenVINO™ toolkit
- **Visualizes performance data for** topologies and layers to aid in model analysis
- **Automates analysis** for optimal performance configuration (streams, batches, latency)
- **Experiment with INT8 or Winograd calibration** for optimal tuning using the Post Training Optimization Tool
- Provide **accuracy information** through accuracy checker
- **Direct access to models** from public set of Open Model Zoo
- Enables **remote profiling**, allowing the collection of performance data from multiple different machines without any additional set-up.

Development Guide
https://docs.openvinotoolkit.org/latest/_docs_Workbench_DG_Introduction.html





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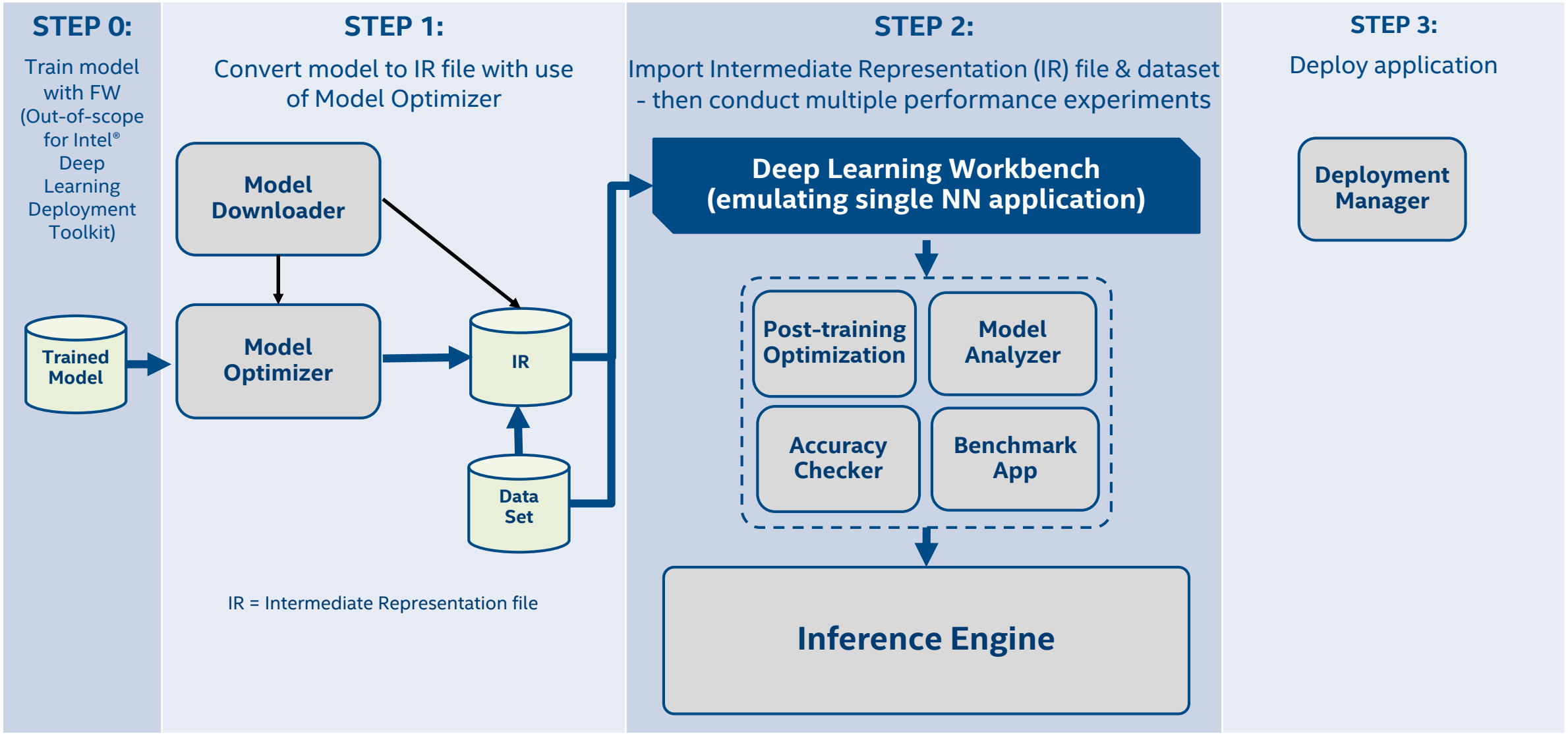
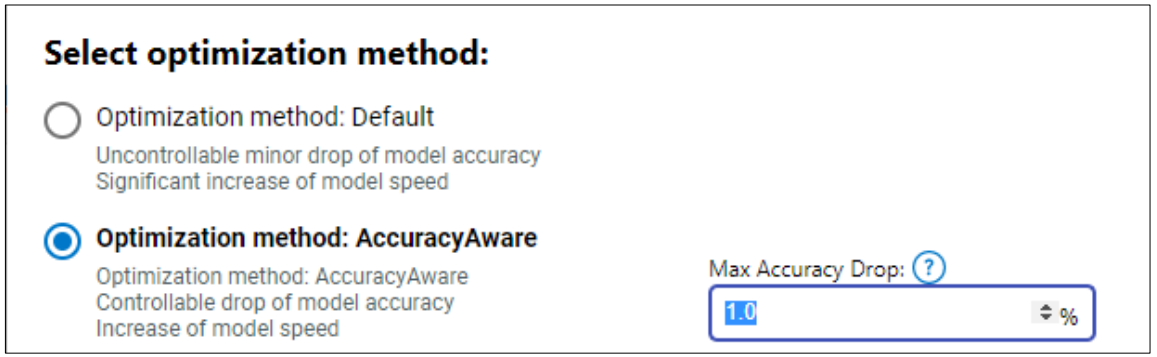
Deep Learning Workbench Data Flow

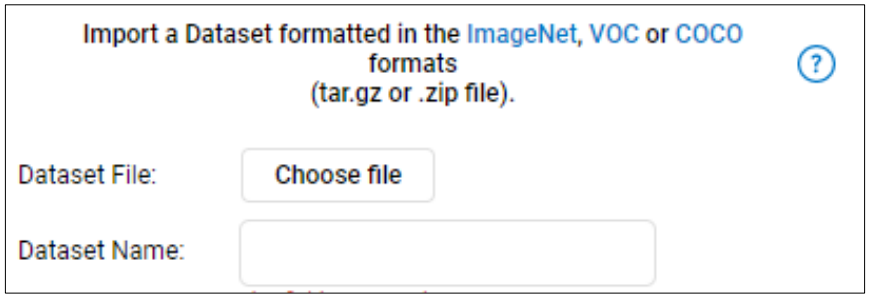


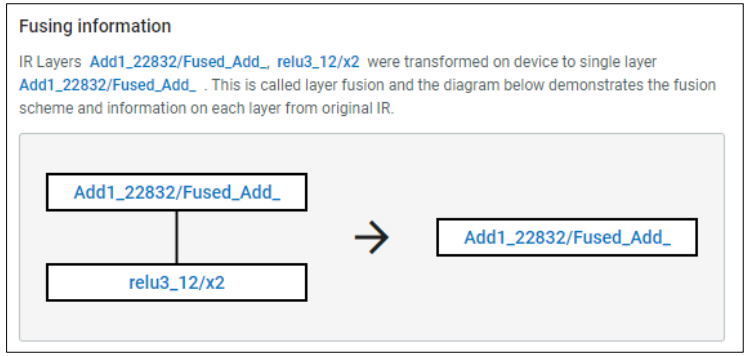
Work with Models and Sample Datasets

DEEP LEARNING WORKBENCH : FEATURES

- Convert model to Int8 using 2 new calibration algorithms
- Import dataset in COCO format to use with model
- Improved per-layer data visualization and comparison mode

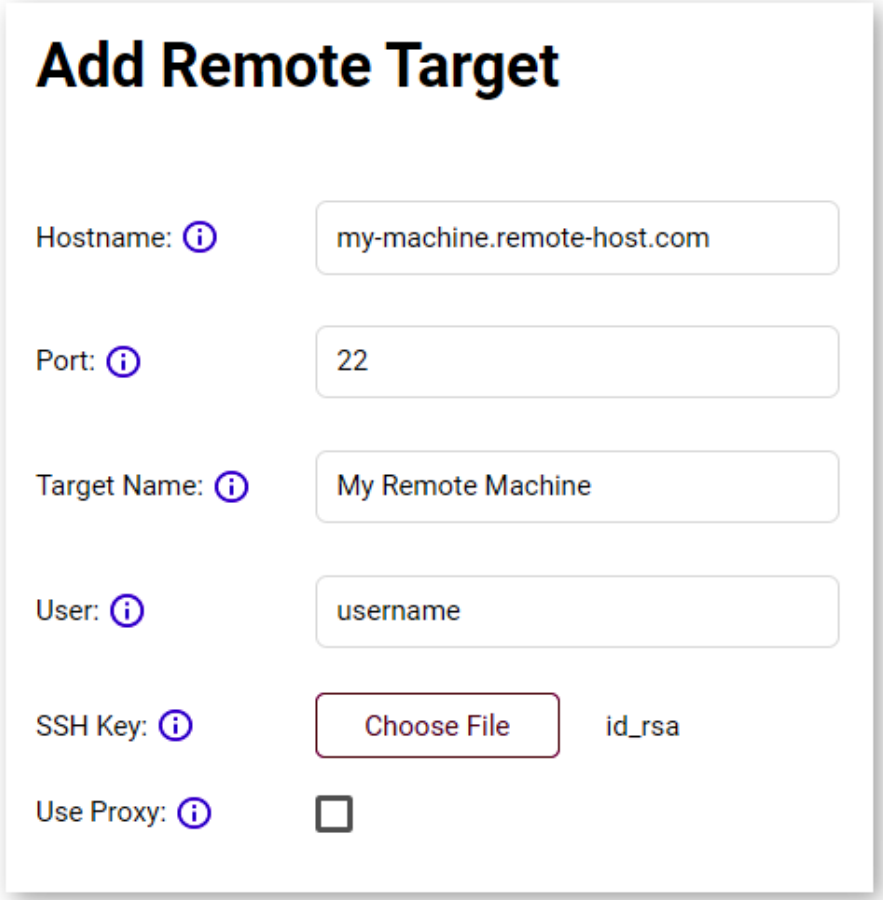
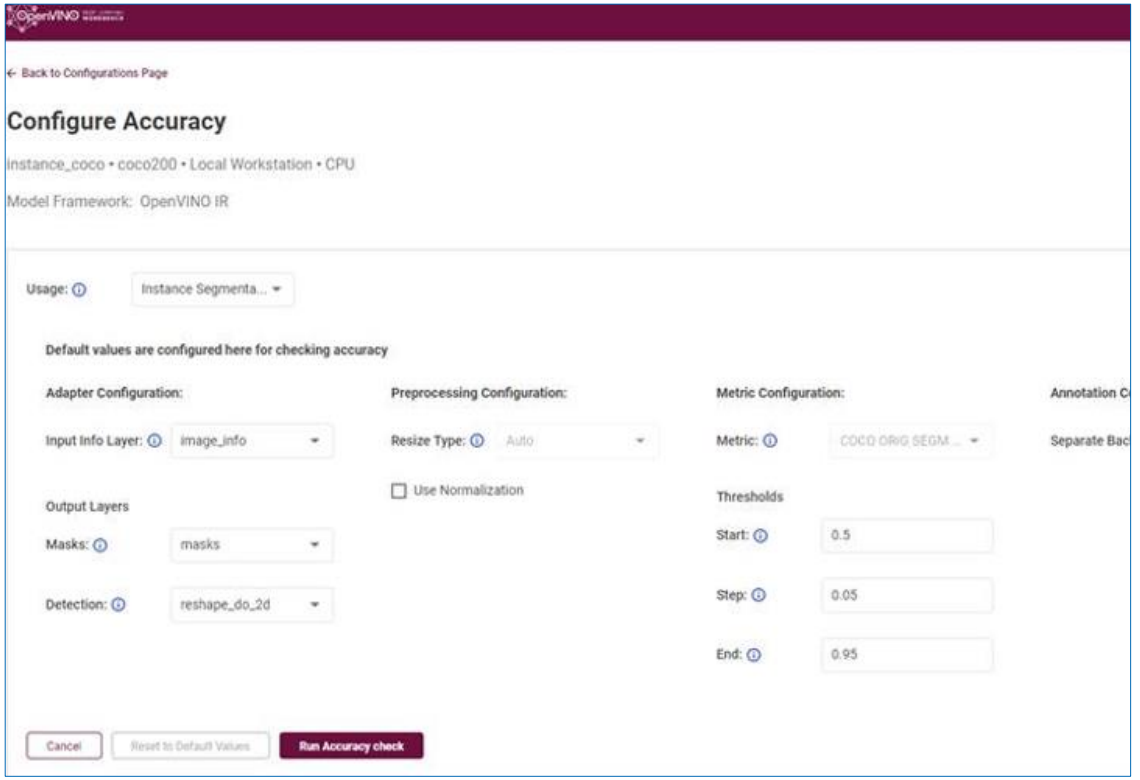






DEEP LEARNING WORKBENCH : FEATURES

Remote profiling support



Support for Segmentation use cases