

Release Eagle (V0.5.0)

<https://github.com/Adlik/Adlik/releases/tag/v0.5.0>

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Feature List

Model Optimizer

- Support quantization and distillation of YOLOv5s models, which achieves nearly 2.5 times inference performance improvement with OpenVINO runtime.

Model Zoo

- A new repository that stores Adlik optimized and compiled models, including ResNet series models and YOLOv5 series models.

Compiler:

- Support compilation path from oneflow to onnx
- OpenVINO upgraded to version 2022.1.0

Inference Engine

- Support Torch runtime
- OpenVINO upgraded to version 2022.1.0

Benchmark Test

- Benchmark test for BERT model on Intel 8260 CPU, including throughput and other performance indicators.

Fixed issues

- [Tensorrt int8 quantization function cannot be used](#)
- [OpenVINO runtime doesn't support multiple inputs model](#)
- [Can't activate model by grpc](#)
- [Segmentation fault when loading more than 16 models in manual mode](#)
- [Failed to compile PaddlePaddle model file to OpenVINO model](#)