Benchmark Test

- python3

.pb.h5.ckpt, .onnx

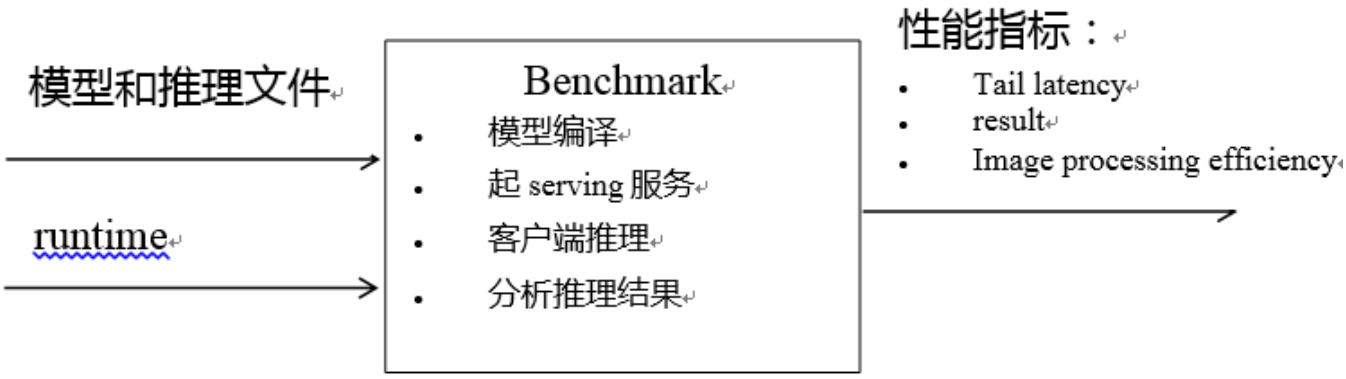
openvino, tensorrt, tensorflow, tensorflow_gpu

client

clientAdlik/benchmark/tests/test_model/clientAdlik/adlik_serving/apis/predict.proto

serving_model.json

serving_model.jsonAdlik/benchmark/test/test_modelserving_model.jsonAdlik/model_compiler/src/model_compiler/config_schema.jsonserving_model.jsonbatch size



-d	--docker-file-path	str	dockerfile	
-s	--serving-type	str		choices=("openvino", "tensorrt", "tensorflow", "tensorflow_gpu")
-b	--build-directory	str	docker	
-a	--adlik-directory	str	Adlik	Adlik
-m	--model-name	str		
-c	--client-script	str		client_script.sh
-ss	--serving-script	str		serving_script.sh
-ov	--openvino-version	str	OpenVINO	2019.3.344
-tt	--tensorrt-tar	str	TensorRT	TensorRT-7.0.0.11.Ubuntu -18.04.x86_64-gnu.cuda- 10.0.cudnn7.6.tar.gz
-tv	--tensorrt-version	str	TensorRT	7.0.0.11
-l	--log-path	str		log
-tm	--test-model-path	str		
-sj	--serving-json	str	json	serving_model.json
-cis	--client-inference-script	str		
-i	--image-filename	str		
-gl	--gpu-label	int	GPU	None
-cs	--compile-script	str		compile_script.sh

automatic_test.py

1. Adlik
2. docker
3. json.pb.h5.ckpt, .onnxserving_model.jsonAdlik / benchmark / test / test_model
4. jsonAdlik/benchmark/test/test_modelserving_model.jsonAdlik/model_compiler/src/model_compiler/config_schema.jsonserving_model.jsonbatch size
5. Adlik/benchmark/test/client
6. OpenVINOTensorRT
7. GPU
8. 7
9. Adlik/benchmark/testdockerfile
10. Adlik

python3 benchmark/src/automatic_test.py -d benchmark/tests/docker_test/openvino.Dockerfile -s openvino -b . -a . -m mnist -c benchmark/tests /client_script/client_script.sh -ss benchmark/tests/serving_script/openvino_serving_script.sh -l log -tm benchmark/tests/test_model/mnist_keras -cis mnist_client.py -i mnist.png -cs benchmark/tests/compile_script/compile_script.sh

1. tensorrttensorrtAdlik

https://docs.nvidia.com/deeplearning/sdk/tensorrt-install-guide/index.html

1. aptpipDockerfile
2. bazel buildbazel build bazel build --distdir
3. bazel buildbazel build --jobs job