

AI编译器-系列之前端优化

前端优化



ZOMI



BUILDING A BETTER CONNECTED WORLD

Ascend & MindSpore

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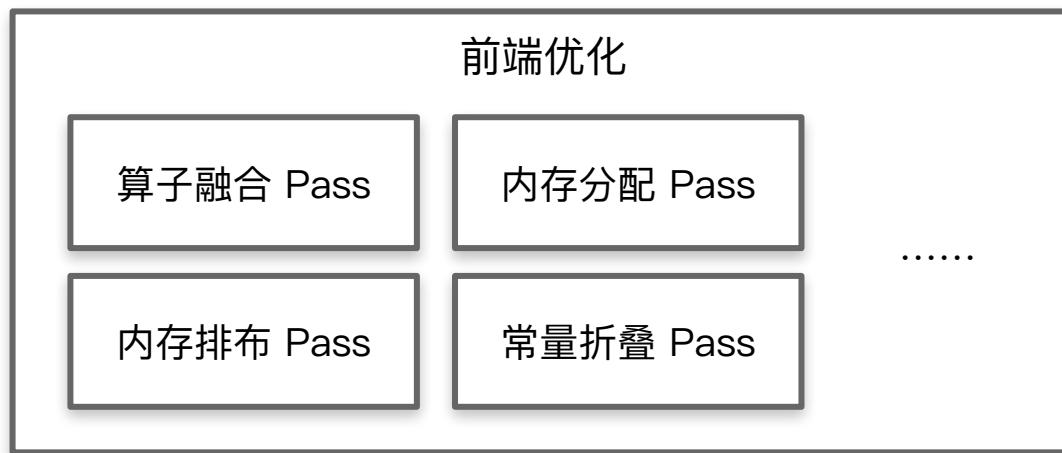
Talk Overview

I. AI 编译器前端优化

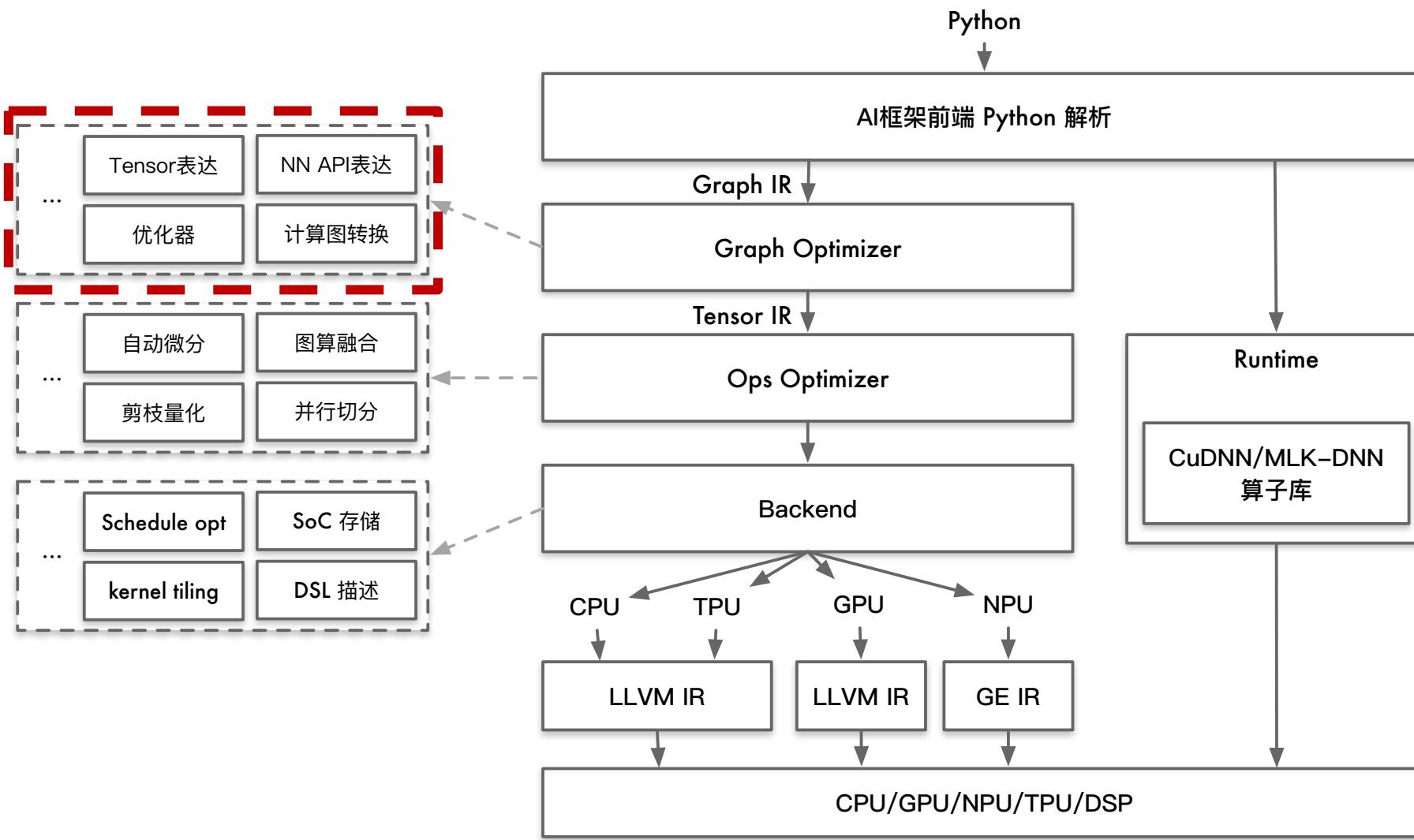
- 图层 - Graph IR
- 算子融合 - OP Fusion
- 布局转换 - Layout Transform
- 内存分配 - Memory Allocation
- 常量折叠 - Constant Fold
- 公共子表达式消除 - CSE
- 死代码消除 - DCE
- 代数简化 - ARM

前端优化

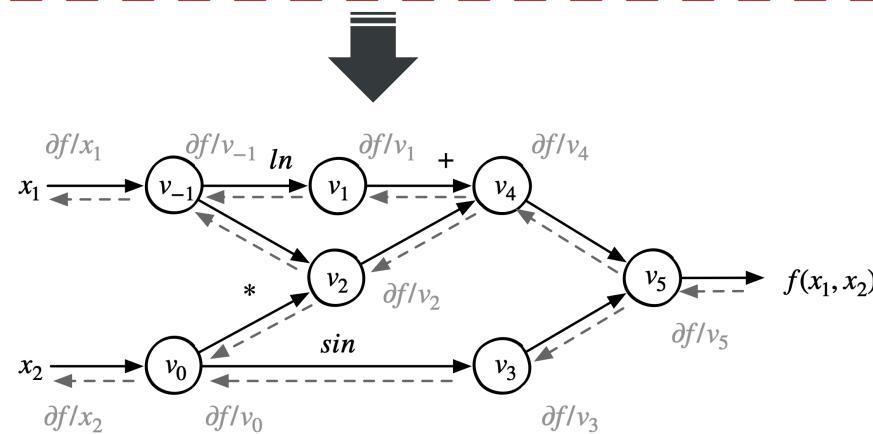
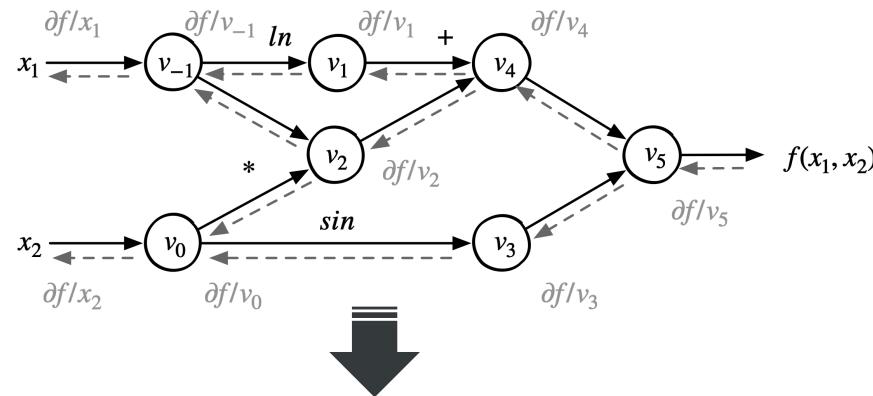
Caffe  TensorFlow  [M]^s  ONEFLOW  PaddlePaddle 



Where are we ?



前端优化





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THANK YOU

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