

Triton

Kernel Triton

The aim of Triton is to provide an open-source environment to write fast code at higher productivity than CUDA, but also with higher flexibility than other existing DSLs.

<https://github.com/openai/triton>

<https://triton-lang.org/main/index.html>

Triton AI Triton kernel
Triton compiler Triton
Triton Triton +Triton

Triton Block-wise Block Triton compiler Triton compiler
Block Triton compiler

Passes Triton NV GPU kernel
coalescing pipeline/prefetch
shared memory bank-conflict swizzling

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