

# 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  
Block Triton compiler

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

---

Revision #1

Created 2025-01-11 09:46:28 UTC by Colin

Updated 2025-01-12 06:35:20 UTC by Colin