

MLIR - Multi-Level Intermediate Representation

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Outline

Introduction

Design Principles

IR Design

MLIR Infrastructure

Consequences

References

- [1] C. Lattner, M. Amini, U. Bondhugula, A. Cohen, A. Davis, J. Pienaar, R. Riddle, T. Shpeisman, N. Vasilache, and O. Zinenko, *Mlir: A compiler infrastructure for the end of moore's law*, 2020. [arXiv: 2002.11054 \[cs.PL\]](#).