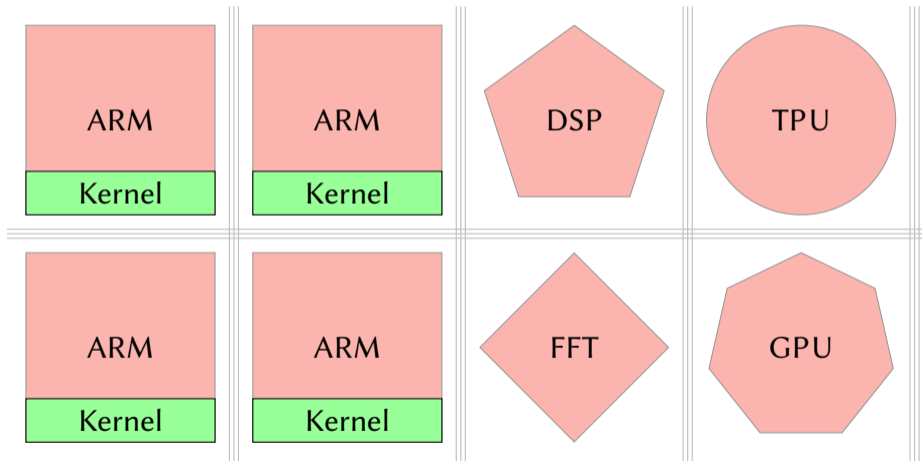


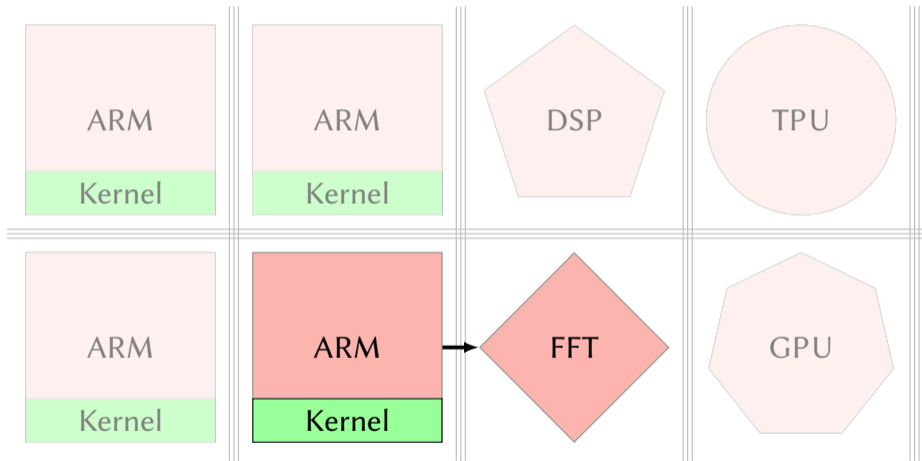
M³X: Autonomous Accelerators via Context-Enabled Fast-Path Communication

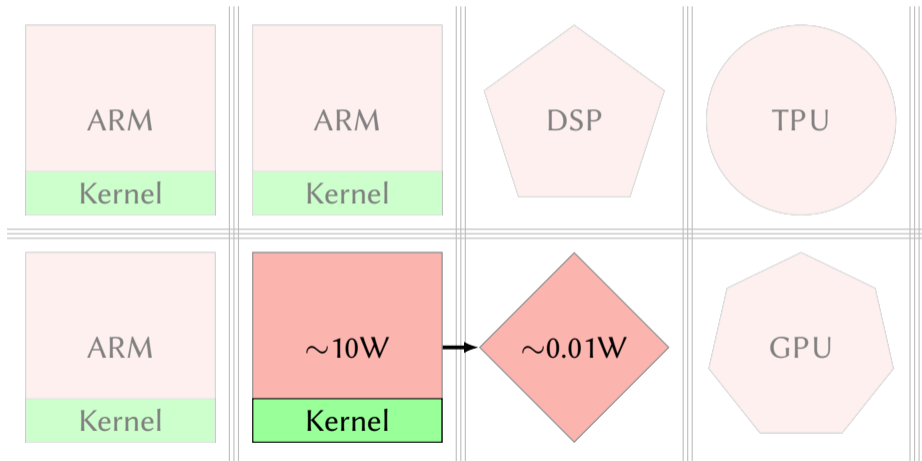
Nils Asmussen^{† ‡} Michael Roitzsch^{† ‡} Hermann Härtig^{† ‡}

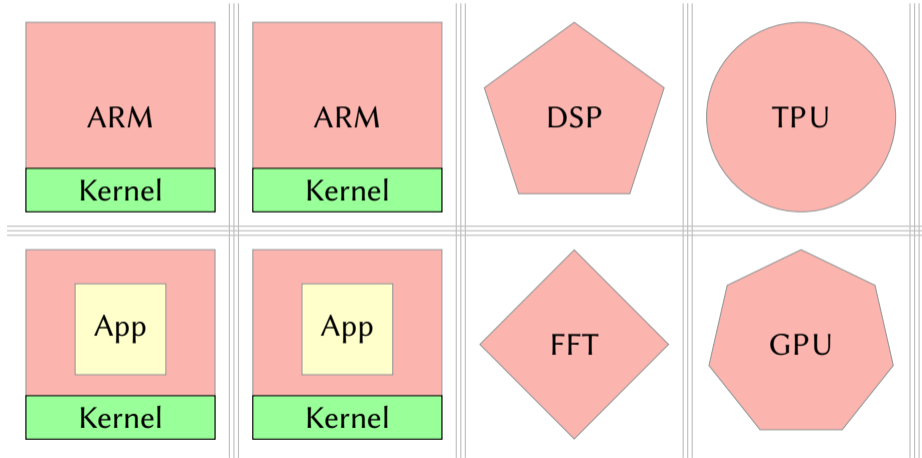
[†]Technische Universität Dresden [‡] Barkhausen Institut

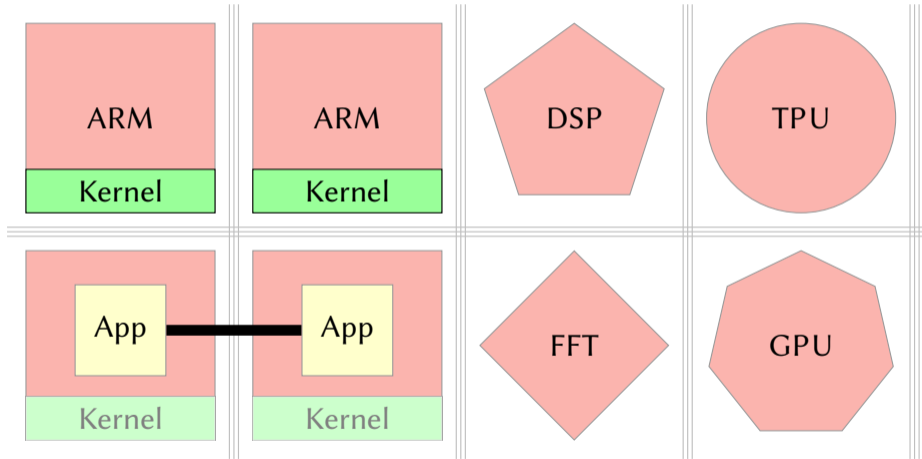
July 11th 2019

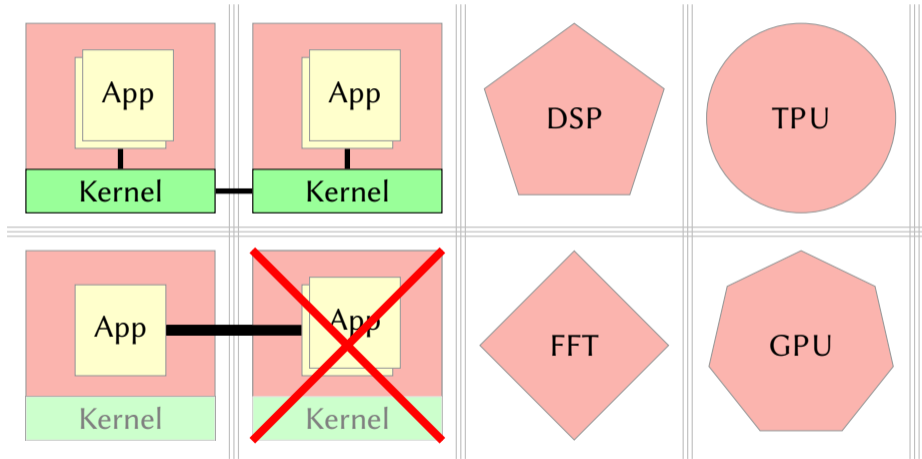




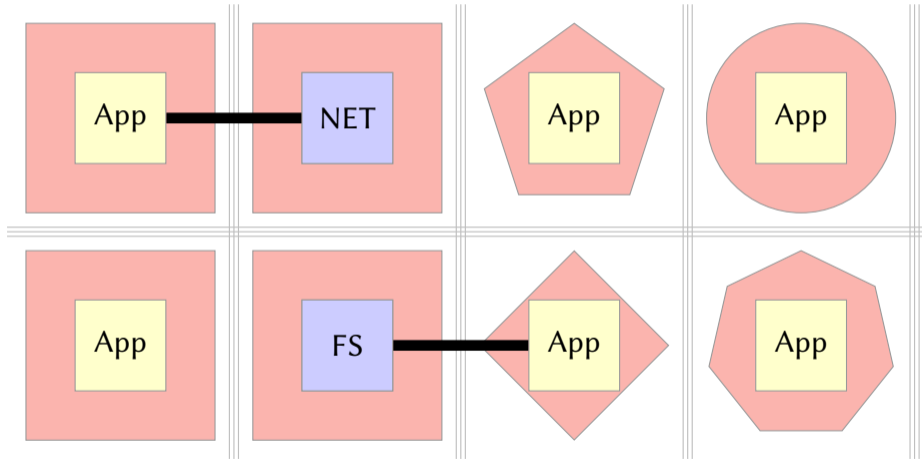




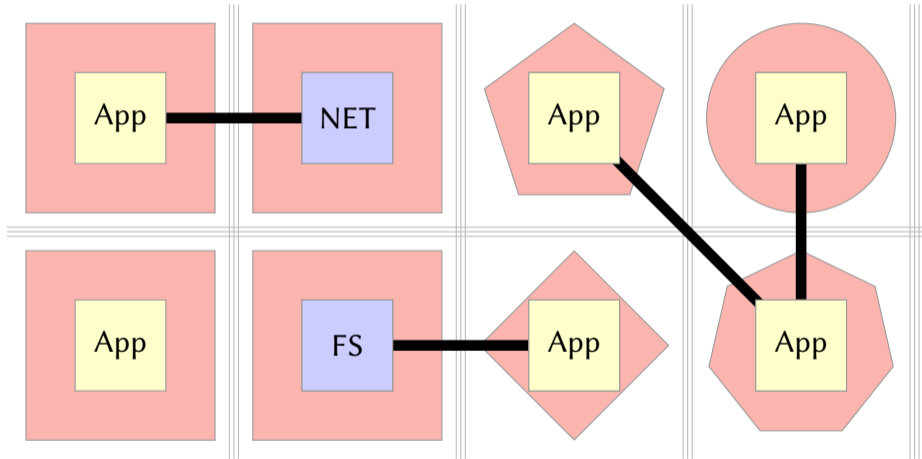




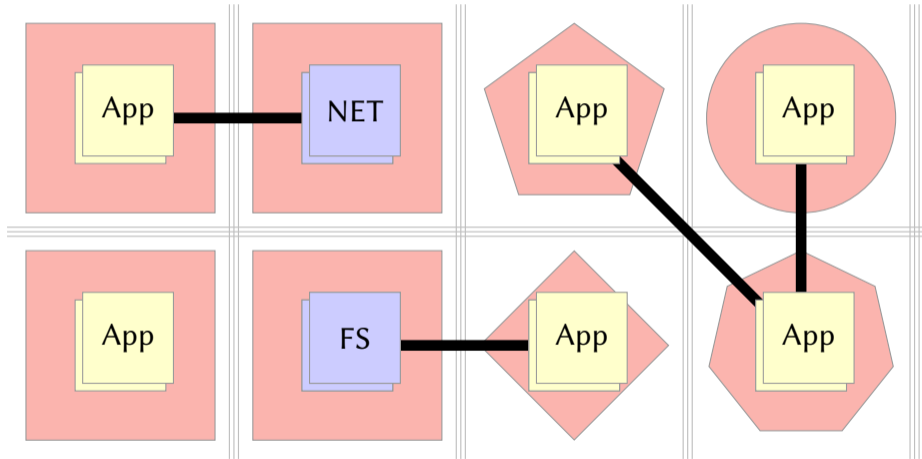
M³X's System Architecture



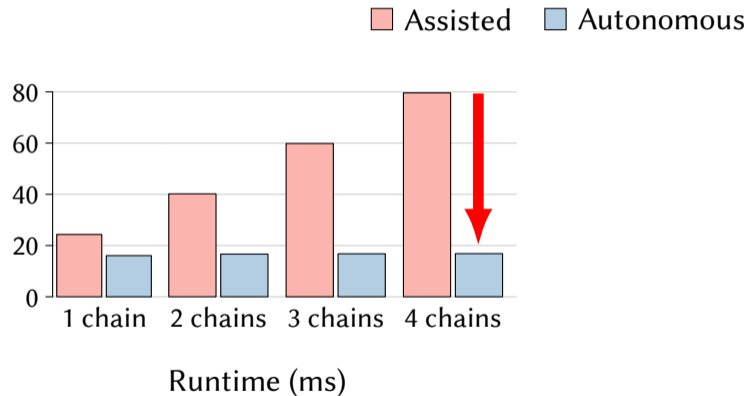
M³X's System Architecture



M³X's System Architecture

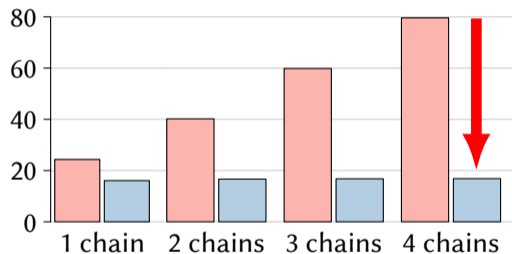


Results: Autonomous Accelerators

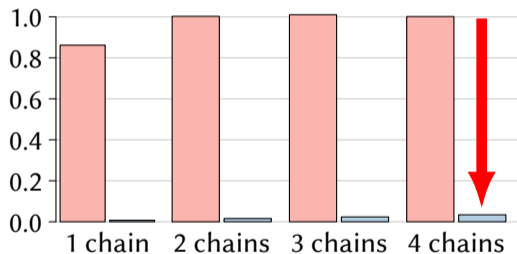


Results: Autonomous Accelerators

Assisted Autonomous



Runtime (ms)



CPU time (relative)

M³X: Autonomous Accelerators via Context-Enabled Fast-Path Communication

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July 11th, 4:10 PM in Track I