

Disciplined Inconsistency

Managing disorder in weakly consistent distributed systems.

Brandon Holt, Irene Zhang, **James Bornholt**, Dan Ports, Mark Oskin, Luis Ceze UNIVERSITY of WASHINGTON Lightning Talk at WAX 2015

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Distributed systems can't afford to be consistent (just eventually).



But type systems can **communicate error bounds or tolerance**, allowing programmers to **trade off consistency for correctness**.