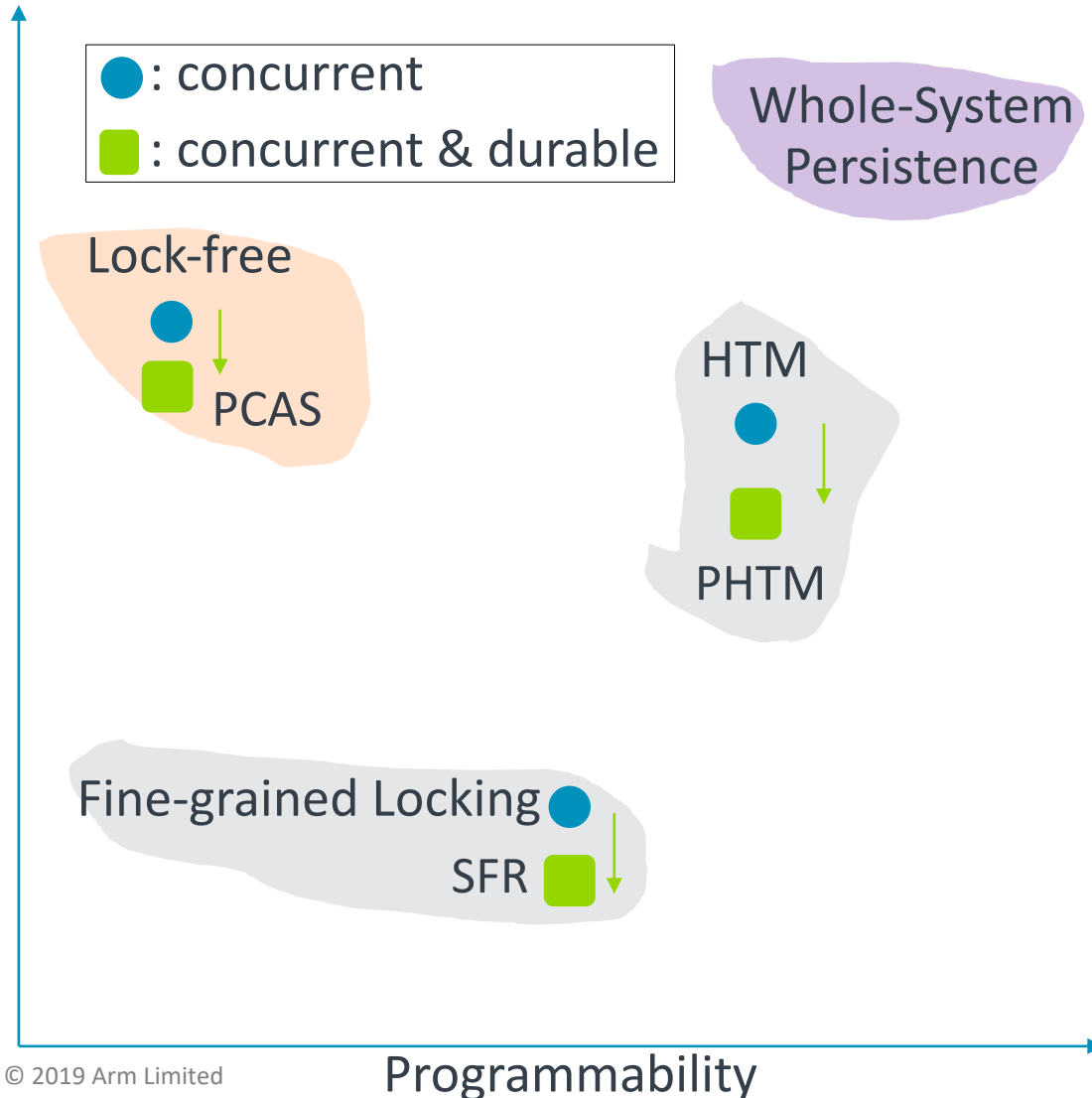


Addressing Persistent Memory Programming Challenges

Performance



Programmability

Persistent CAS as drop-in replacement for CAS
[SPAA'19]

WSP requires no code changes for IoT apps
[DAC'19]

Compiler instrumented failure atomicity for SFR
[PLDI'18]

Persistent HTM as drop-in replacement for HTM
[US Patent 10,445,238 B1]

Performance

Relaxed memory persistency models
[ISCA'20]

Hardware accelerations

Software optimizations

