

Lightweight Thread API functionality

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API analysis

Current common API

	Num of functions	Argobots support	Qthreads support	MassiveThreads support
Common API	33'	33	29*	28+

' Can be up to 40 with simple helper functions

* Tasklet functions not supported

+Tasklet and ULT id functions not supported

API analysis

Lightweight thread libraries API

	Num of functions	Exclusive functions
Argobots	150	100'
Qthreads	182	142*
MassiveThreads	75	38+

' ES, ULT, Tasklet, Scheduler, Pool, Event, Eventual and Future functions

* Futures, Non-blocking atomic, FEB, Reductions, Loops, Data Structures, System Calls functions

+ Inits, Locks, Logs, Prof, wsapi objects functions