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API

For a deeper look into the documentation check in the thpool.h file. Below is a fast practical overview.

Function example	Description
thpool_init(4)	Will return a new threadpool with 4 threads.
thpool_add_work(thpool, (void*)function_p, (void*)arg_p)	Will add new work to the pool. Work is simply a function. You can pass a single argument to the function if you wish. If not, NULL should be passed.
thpool_wait(thpool)	Will wait for all jobs (both in queue and currently running) to finish.
thpool_destroy(thpool)	This will destroy the threadpool. If jobs are currently being executed, then it will wait for them to finish.
thpool_pause(thpool)	All threads in the threadpool will pause no matter if they are idle or executing work.
thpool_resume(thpool)	If the threadpool is paused, then all threads will resume from where they were.

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