

OCS cw1



It should be possible to submit a task(i.e. an ImageProcessorMT) to the thread pool. This does not mean that the task will actually run yet, just that the thread pool is aware of it and keeps it in a waiting list.

Could this be a method that takes an ImageProcessorMT as a param and adds it to a queue we can call waiting list?



It should also be possible to start the thread pool. This means that the thread pool will then run as many ImageProcessorMTs as it can up to its size. For example, if the thread pool size is 5, but 10 ImageProcessorMTs have been added, it can only run 5.

Does **start** here mean the Runnable run method?

Would it only call the run method of the ImageProcessorMT?



When any ImageProcessorMT has terminated, a new one from the waiting list should be started by the thread pool (if one exists). The thread pool should continue to do this until the waiting list is empty, when it should itself terminate.

Should this be implemented in the main loop that would call the start with new values?



The thread pool should offer a `join()` method that causes the calling thread to wait until the thread pool has terminated.

would this be in the start of the thread pool?