ForkJoin

https://www.uml-diagrams.org/java-7-concurrent-uml-class-diagram-example.html

Cilk

Cilk, Hood, Stackthreads, Filaments Fork/Join divide-and-conquer algorithms

DL抽象了什么到底????

任务种类:定时,非定时,同步,异步,Runnable,Callable,Future不是任务,是一种异步计算结果,(FutureTask/ ForkJoin Task/RunnableFuture) 线程池种类:定时,普通(ThreadPoolExecutor-核心方法execute),并行 (forkjoin),异步(ExecutorCompletionService)

队列种类:

生命周期:线程,线程池,任务。任务取消???线程池关闭?

任务执行: execute,submit,invokeAll,invokeAny <T> Future<T> submit(Runnable task, T result); Future<?> submit(Runnable task); <T> Future<T> submit(Callable<T> task);

Memory consistency effects

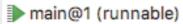
Swing framework: EventDispatchThread, EventQueue, SwingWoker, SwingUtilities, Queue,TimerQueue,EventQueueDelegate

JavaFX:

Observable List, Task, Worker, Event Dispatcher, Event Dispatch Chain, Callback, Stage

分析一个类: 生命周期, 创建, 死亡等过程。。。。。

启动一个main时候的线程:



Finalizer@437 (waiting)

Reference Handler@438 (waiting)

🐎 Signal Dispatcher@436 (runnable)