```
torchserve::Scheduler
              <T1>
   - std::unique ptr< Scheduler
    > next
    + virtual void enqueue
    (const std::unique ptr
   < T1 > &task)=0
    + void next(const std
    ::unique ptr< Scheduler
    < T2 > > &scheduler)
torchserve::WorkerManager
              <T1>
+ static std::unordered
map< BackendType, std
::shared ptr< Backend >
> backendMap
std::shared ptr< Backend</li>
> backend

    moodycamel::BlockingConcurrent

Queue < BatchJob > batchJobQueue
std::vector< std::shared</li>
ptr< ModelInstance >>
modelInstances
- std::unique ptr< folly
::CPUThreadPoolExecutor
> workerThreadPool
+ ~WorkerManager()
+ Status registerBackend
(const Model &model)

    Status createModelInstances

(const Model &model)
+ Status addWorkers(int
numWorkers)
+ void enqueue(const
```

std::unique ptr< T1

> &job)