

Scheduler

- [Procedure](#)

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- Check taskAssignQueue if empty request Receptionist
- Receive a job from Receptionist
 - schedule active tasks to particular [GroomServer\(s\)](#)
- Wait for [GroomServer](#) request, with [GroomServerSpec](#), for task assign.

```
if active tasks scheduled to the same groom server +  
  to be assigned task > GroomServerSpec.totalSlots  
  skip GroomServer's TaskManager request  
else  
  dispatch directive(task)
```

- Check if all tasks for a job is scheduled/ assigned
 - if true, move the job to processingQueue else wait for [GroomServer](#) request.
- If [RescheduledTask](#) event triggered,
 - Stop all tasks of a job/ jobs
 - Move failed jobs to a temp queue
 - Reschedule (recalculate split, etc.?) tasks for jobs sequentially.