

# Custom Queuing Algorithms

Although Qube! is shipped with several pre-built and optimized queuing algorithms, Qube! also allows developers to take advantage of the research PipelineFX has done in queuing system design to write their own queuing system algorithm. This is a feature that has been implemented with the intent to allow studios to design an algorithm which works well within their own pipeline.

- Scripting custom queuing algorithms
  - qb\_hostcmp(\$hosta, \$hostb, \$job)
  - qb\_init()
  - qb\_jobcmp(\$joba, \$jobb, \$host)
  - qb\_preemptcmp(\$runningjob, \$candidatejob, \$host)
  - qb\_rejectjob(\$job, \$host)
  - qb\_starthost\_deinit()
  - qb\_starthost\_init()
  - qb\_startjob\_deinit()
  - qb\_startjob\_init()