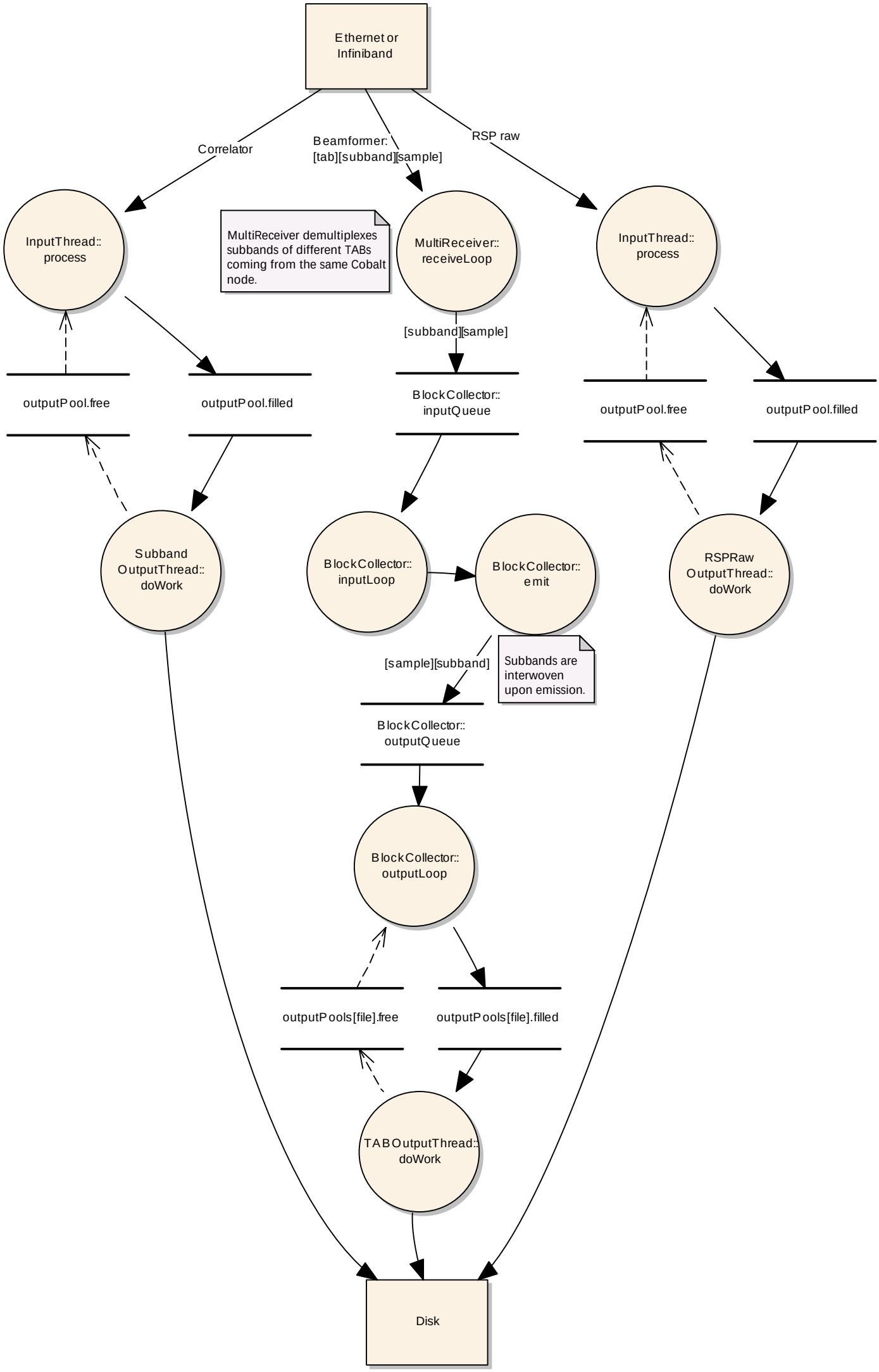
Ethernet or Infiniband
Correlator
Beamformer: [tab][subband][sample]
RSP raw
InputThread:: process
MultiReceiver demultiplexes subbands of different TABs coming from the same Cobalt node.
MultiReceiver:: receiveLoop
InputThread:: process
[subband][sample]
outputPool.free
outputPool.filled
BlockCollector:: inputQueue
outputPool.free
outputPool.filled
Subband OutputThread:: doWork
BlockCollector:: inputLoop
BlockCollector:: emit
RSPRaw OutputThread:: doWork
[sample][subband]
Subbands are interwoven upon emission.
BlockCollector:: outputQueue
BlockCollector:: outputLoop
outputPools[file].free
outputPools[file].filled
TABOutputThread:: doWork
Disk