

# CTA's Retrieve Backpressure Mechanism: Status and Future

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CTA was designed with two goals in mind: throughput to and from the tape system and minimising the stress on the tape infrastructure (minimising the number of tape mounts). These two constraints become particularly challenging in retrieval dataflows when elements external to the system start to misbehave.

In this presentation, we will explore the internal logic behind CTA's retrieval workflow, the mechanisms that come into action when the system starts to experience problems, and the various approaches we have taken to address these challenges.

**Author:** OLIVER CORTES, Pablo (CERN)

**Presenter:** OLIVER CORTES, Pablo (CERN)

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