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From stagerrm to evict : disk buffer management in CTA

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The original design of EOSCTA inherited its cache eviction mechanism —stagerrm —from CASTOR. Although similar, CTA's use-cases were not the same as CASTOR's, leading to several operational issues. This motivated the creation of a new command —evict —better adapted to modern disk buffer management in CTA.

In this talk, we will discuss the issues that we faced with stagerrm and how the new evict command helps to fix them. We will also cover the new features brought by evict and how they simplify EOSCTA operations.

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