Preservation Core Object Lifecycle - Story 2 Existing DOR / Create an audit process that iterates through every item in We're not touching anything above this dotted SDR-PC the Preservation Core Catalog and, if it finds no evidence line. Our MVP work begins AFTER our existing workflows place of a recent fixity check for a Moab, calls the Fixity process workflows have placed a fully-formed Moab object Moab object into to perform a check and record the results in the PCC. on an sdr-services NFS volume /sdr-services A POSIX filesystem These are the sdr-services mounts, /sdr-services containing the online copies of all online Moabs our Moabs, aka "the Moab Master A logical unit of code Object Store" A datastore The inventory process scans the online Moab volumes and An API-addressable **Inventory Process** records what it finds in the object store **Preservation Core Catalog** Data flow direction The Preservation Core Catalog contains records of all online copies of Moabs found, and Preservation cached records of all archive Core Catalog copies found in replication endpoints. The audit process retrieves records from the catalog and **Audit Process** verifies their existence on disk and in replication endpoints. If Audit doesn't find a cached record of a successful fixity **Fixity Process** check in the PCC for a Moab, it runs one and adds a record with a TTL.