

DMF Queue View

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The Basic Problem



A Typical Scenario

- User A performs a recursive **dmget** on `/oldstuff/EveryFileWeEverSaved/`
- User A knows this will take a long time, and goes home
- User B performs a simple **dmget** on `/recentstuff/NotMuchData.txt`
- No one can explain why DMF is stuck
- No one can get DMF unstuck

Queue View

- Formerly internal DMF request queue has been externalized in a PostgreSQL database
- Specialized query/update tools implemented
 - as a CLI tool
 - as a GUI in DMFMAN

Nine Scenarios

- Why is my file not being recalled?
- Where is my file in the queue?
- When will my file be recalled?
- What is the oldest request in the queue?
(Is something stuck?)
- Cancel User A's requests
- Reprioritize User B's requests
- How much data is being recalled?
- How much data is being moved by dmmove?
- How much data is being merged?

Deployment

- Available in DMF 6.3 (technology preview)
 - CLI only
- Available in DMF 6.4
 - CLI
 - GUI