TAKE THE RAGE OUT OF STORAGE

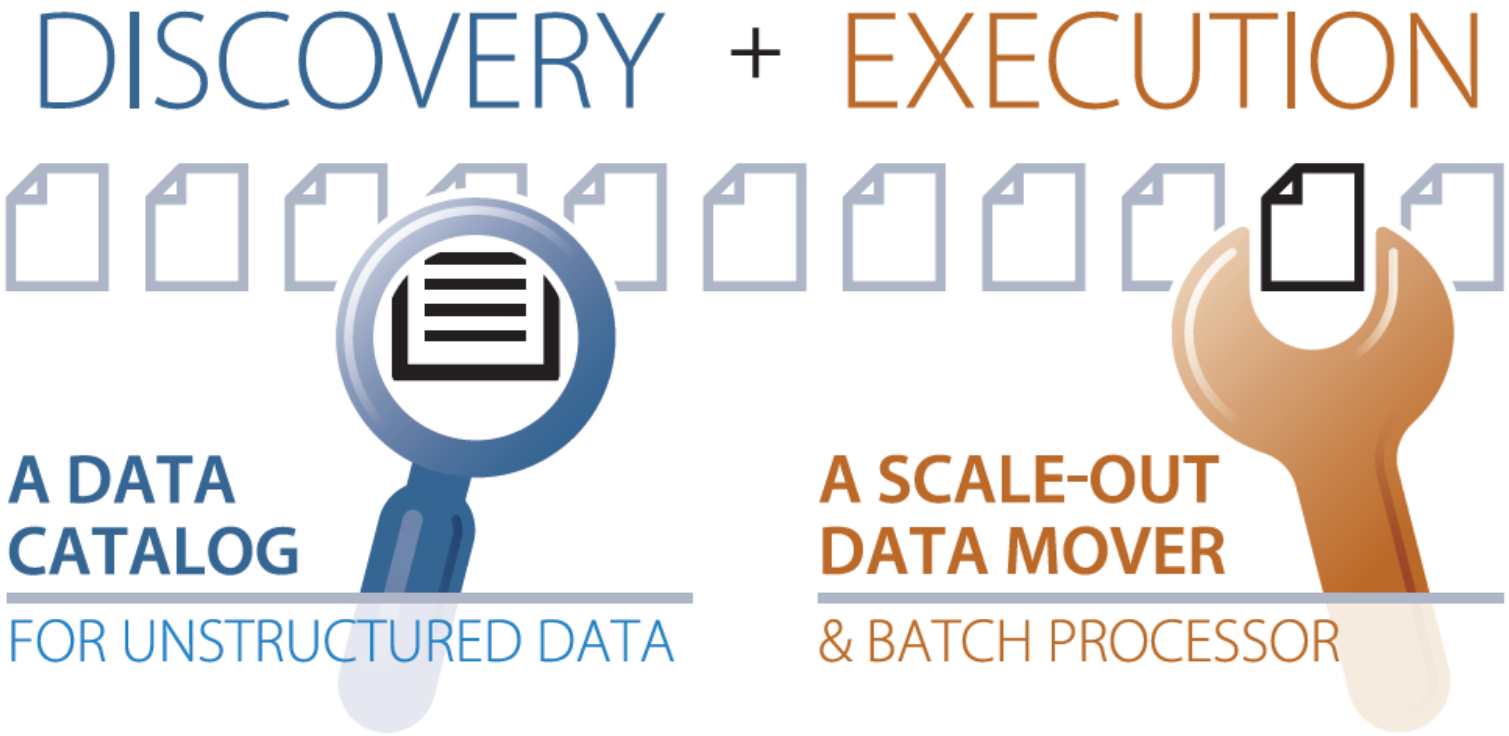
STARFISH

because files don't manage themselves

Booth 1817

across the walkway from IBM

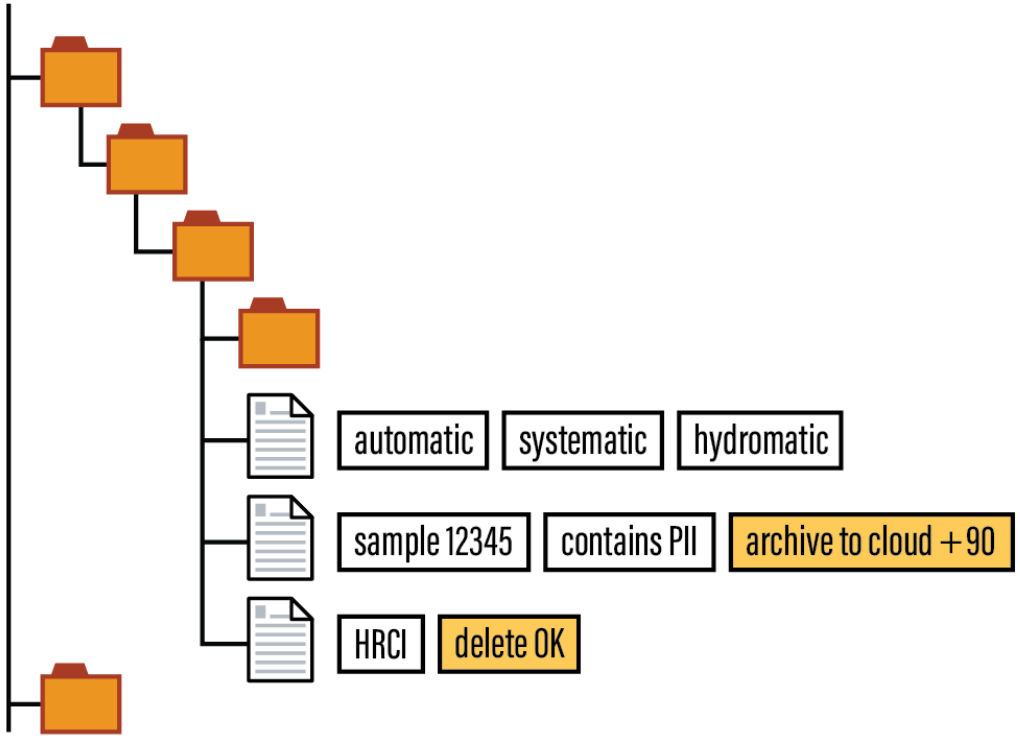
Based on a Simple But Powerful Paradigm



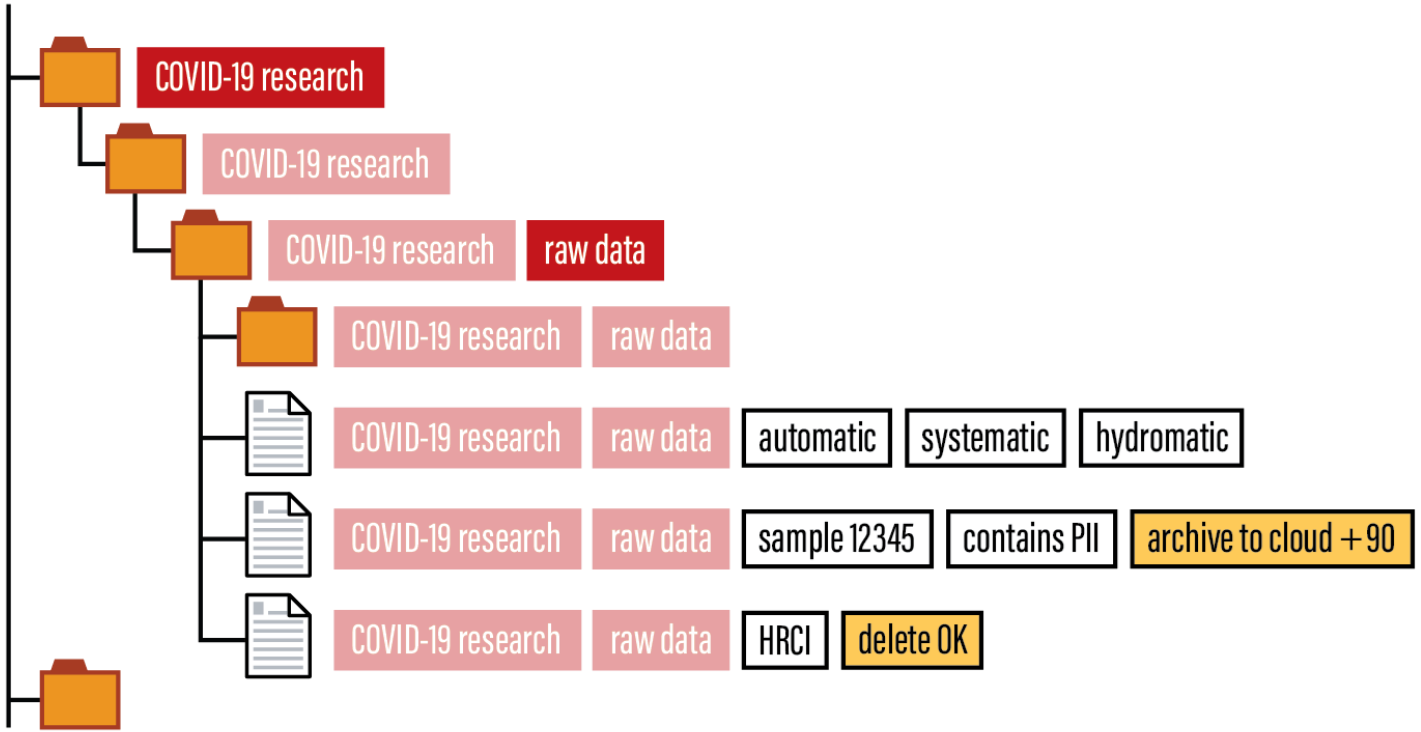
What's in the Catalog?

- File system metadata that we get by scanning
  - We have a super-sophisticated scanner that works in the most demanding environments.
  - Directory values are aggregated: file count, capacity, oldest and newest time stamps
- History of the name space over time
  - you can query and report on files that are no longer there
- Simple tags – file and directory labels applied by GUI, CLI, or API
  - Directory tags inherit down the branch
- Key-value metadata for when tagging is not enough

Tags - for CLASSIFICATION or to indicate some kind of ACTION

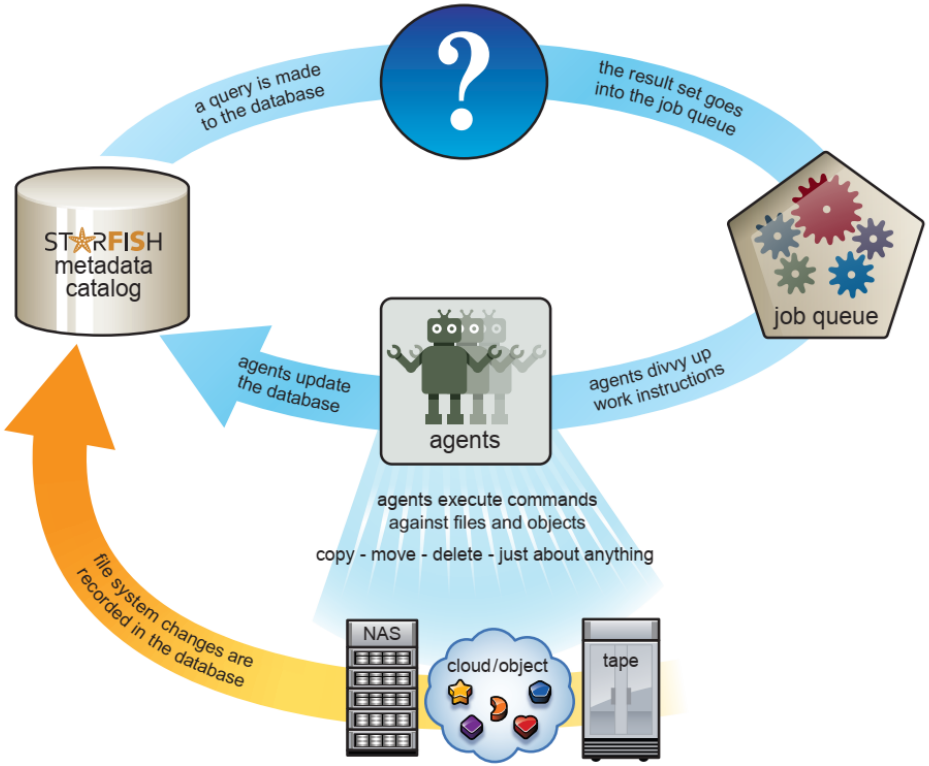


Directory Tags Are Inherited Down the Branch



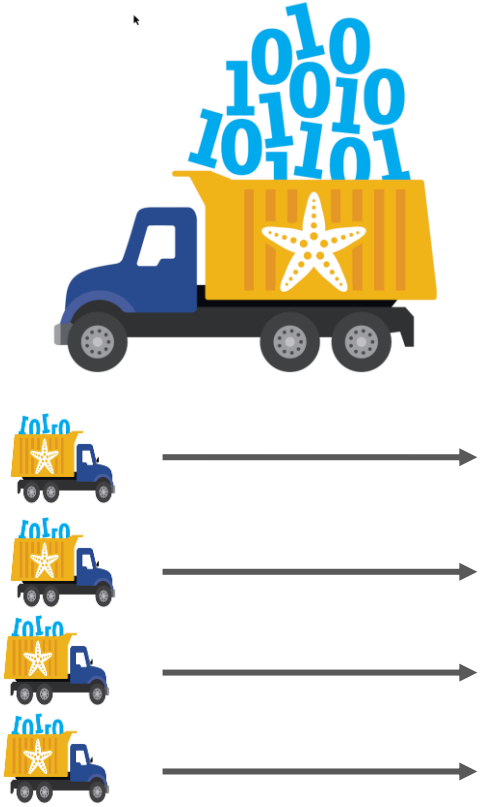
The Feedback Loop Between Catalog and Batch Processor

- The **output** of a query is the **input** of a batch process
- The **output** of the batch process **updates** the catalog with key-value pairs that describe what was…
  - … done to the file
  - … discovered about the file
- These **key-value** pairs are now discoverable properties of the file for the next query.



Query - Execute - Update - Repeat

Integrated Parallel Data Mover - Multi-threaded and Multi-server



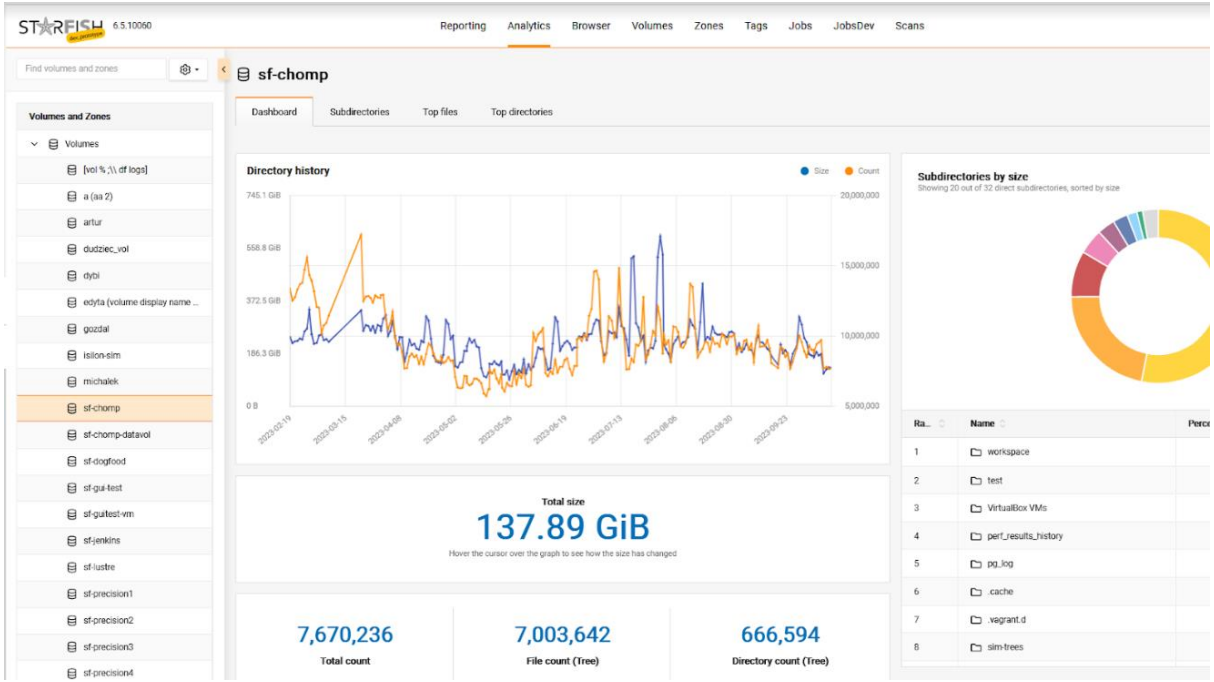
- Archive
- Backup / Restore
- Migrations
- Replication
- Cloud-burst
- Pipelines and Workflows

Deputize Users to Manage Their Own or the Their Team's Files

- Logically group directories together into a "ZONE"
- Assign users to administer files in the zone.
- Users apply tags from predefined tag sets.
- Users see capacity summaries for the zone
- Users can apply tags

Best in Class File System Reporting and Analytics

- **Scale**
  - Starfish works in the largest and most complex file environments
- **Version history**
- **Metadata**
  - Metadata enables more meaningful reports
- **SQL Openness**
  - Write custom queries
  - Expose to Tableau, Microsoft BI, etc.
- **Actionable**
  - Take action based on your discoveries



Starfish Activities This Week

Monday Morning
8:00 - 11:00
Please RSVP

Tuesday Evening
8:00 - 11:00
See web site for details