Extending OSDC toolset for cross-disciplinary discoveries
(Michael Lewis)

• Identify popular cloud tools /systems.
• Mirror and expand common tool functionality in a new and unique way.
• Provide a level of transparency to your toolset.
• Emphasize reusability.
• Adopt common standards.
• Integrate with OSDC within the Tukey interface.
Deliverables

• Customize Images that can use Elastic Map Reduce
• Adopt a database ID system
• Integrate workflow IDs
• Coordinate with big heterogeneous clients for streaming visualization – (CAVE , SAGE).
Tukey workflow with dataset

- Workflow Id: 162563
- Workflow Type: Search Workflows
- Dataset ID: 12346
- Search Dataset
- Number of instances: 30
- Launch Workflow
Tukey selecting a workflow

EMR, biology sequencing

| 162563 | EMR biology sequencing workflows -- dataset ID 12346, 23567, 34678 | Get info |
| 162563 | EC2 biology sequencing workflows -- dataset ID 12346, 23567, 34678 | Get info |
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Select Workflow
Tukey – selecting a dataset ID

Select Dataset