

Use Cases for Servicecasting / OpenSearch mash-up

Christopher Lynnes

Use Case #1a: scast links in OpenSearch Dataset Level Response

- Provides alternatives to granule-level search
- Operations on the aggregated dataset
 - NSIDC Searchlight
 - Simple Subset Wizard
- Top-level of dataset trees
 - THREDDS catalogs
 - Toplevel Hyrax directory for a dataset

Use Case #1b: scast links in a granule-level response

- Discover services that can be applied to individual granules
- More useful for “unique” services
 - Provides extra information on how to invoke the service
- Not needed for standard services
 - If a link is identified as “<http://esipfed.org/ns/discovery/1.1/opensap#>”, that should provide enough information

Use Case #2: scast of OpenSearch service

- Help to distinguish up front between:
 - OpenSearch following ESIP Federation conventions (e.g., two-step)
 - OpenSearch following other conventions
 - Simple OpenSearch