Curation System Needs

Benefits of the Curation System

The DSpace curation system can be invoked for a

1. Site
2. Community
3. Collection
4. Item.

Curation System tasks can be run

1. Immediately
2. Queued for background execution - uses separate memory

Limitations of the Curation System

- Curation system does not persist output (only permits STDOUT redirection)
- Curation system produces only text
    - HTML would be useful for an admin report
    - JSON would be useful REST
- Curation system does not take parameters
    - Every variation of a task requires a new module

Proposal

- Allow tasks to produce output as HTML and/or JSON
    - XML if needed
    - It is important to allow links to be included in the output
- Allow persistence of output
    - Database?
    - File system?
- Create a mechanism to clean up curation output
- Allow parameters to be passed to a task
- Expose a REST endpoint
    - to initiate a curation task (with / without parameters)
    - to queue a curation task (with / without parameters)
    - review curation task output