2017-04-27 - Import - Export Planning Meeting

Time/Place
- Time: 2:00pm Eastern Time US
- Dial-in Number: (712) 775-7035
  - Participant Code: 479307#
  - International numbers: Conference Call Information

Attendees
- Andrew Woods
- Michael Durbin
- Esmé Cowles
- Jim Coble
- Joshua Westgard
- Danny Bernstein
- Ben Pernell
- Linda Newman
- Youn Noh
- Longshou Situ

Related
- Design - Import - Export

Sprint Participants

Test and Documentation
- Kieran Etienne - test
- Harsha Ummerpillai - test
- Tim Thompson - test
- Youn Noh - test, doc
- Jim Coble - test (core, verification tool), doc
- Bridget Almas - Perseids

Dev
- Danny Bernstein - dev
- Ben Pernell - APTrust, dev
- Michael Durbin - dev
- Esmé Cowles - dev
- Joshua Westgard - dev (verification tool), APTrust
- Longshou Situ - dev

Post-Sprint
- Linda Newman - Post-sprint testing (core and verification tool)

Agenda
1. Objectives
   a. Establish understanding of where effort stands
   b. Establish goals for sprint
   c. Establish team, roles, expectations
   d. Determine is another planning meeting is required
2. Introduction and topic summary
   a. Establish common understanding of function of Import/Export
3. Logistics
   a. Sprint: May 15-26
   b. IRC: #fcrepo @freenode
4. Use case and requirements
5. Current Status of Import/Export utility
### a. Existing Import / Export tickets

<table>
<thead>
<tr>
<th>T</th>
<th>Key</th>
<th>Summary</th>
<th>Assignee</th>
<th>Reporter</th>
<th>P</th>
<th>Status</th>
<th>Resolution</th>
<th>Created</th>
<th>Updated</th>
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<tbody>
<tr>
<td>✅</td>
<td>FCREP O-3233</td>
<td>Extract bagit support code</td>
<td>Michael Ritter</td>
<td>Michael Ritter</td>
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<td>IN PROGRESS</td>
<td>Unresolved</td>
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<td>Mar 04, 2020</td>
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<td>✅</td>
<td>FCREP O-3206</td>
<td>Export serialized Bags</td>
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<td>FCREP O-3036</td>
<td>Fcrepo-upgrade-utils: Minimum viable upgrade from 4.7.x to 5.x format</td>
<td>Danny Bernstein</td>
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<td>Unresolved</td>
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<td>✅</td>
<td>FCREP O-3021</td>
<td>Document header export conventions</td>
<td>Unassigned</td>
<td>Aaron Birklund</td>
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<td>Unresolved</td>
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<td>✅</td>
<td>FCREP O-3020</td>
<td>Fix Direct and Indirect Container Import</td>
<td>Danny Bernstein</td>
<td>Danny Bernstein</td>
<td></td>
<td>IN REVIEW</td>
<td>Fixed</td>
<td>Jul 08, 2019</td>
<td>Jul 12, 2019</td>
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<td>✅</td>
<td>FCREP O-3016</td>
<td>Fix/Update Integration tests for direct and indirect containers for 5.x</td>
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<td>Danny Bernstein</td>
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<td>Unresolved</td>
<td>Jun 27, 2019</td>
<td>Jul 05, 2019</td>
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<td>✅</td>
<td>FCREP O-3014</td>
<td>Incremental backup using the import export tool</td>
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<td>Document headers needed to be captured for import-export</td>
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<td>Jared Whiklo</td>
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<td>Unresolved</td>
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<td>FCREP O-2983</td>
<td>Import WebACs into Fedora 5.x</td>
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<td>✅</td>
<td>FCREP O-2956</td>
<td>fedora: writeable Import /Export compatibility</td>
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<td>Andrew Woods</td>
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<td>Nov 15, 2018</td>
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### Existing Verification tickets

<table>
<thead>
<tr>
<th>Key</th>
<th>Summary</th>
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<th>Status</th>
<th>Resolution</th>
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<td>FCREP O-2577</td>
<td>Add a force overwrite option to import export tool</td>
<td>Unassigned</td>
<td>Tom Wrobel</td>
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<td>FCREP O-2537</td>
<td>Enable MetaArchive Profile</td>
<td>Unassigned</td>
<td>Andrew Woods</td>
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<td>FCREP O-2539</td>
<td>Upgrade bagit library from 5.0.0-BETA to the latest</td>
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<td>OPEN</td>
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<td>FCREP O-2521</td>
<td>import/export tool fails when run against manually edited config file</td>
<td>Unassigned</td>
<td>Joshua Westgard</td>
<td>OPEN</td>
<td>Unresolved</td>
<td>Jun 12, 2017</td>
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<td>FCREP O-2501</td>
<td>Import of &quot;inbound&quot; export fails to set properties on resource correctly</td>
<td>Esmé Cowles</td>
<td>Jim Coble</td>
<td>OPEN</td>
<td>Unresolved</td>
<td>May 26, 2017</td>
<td>Jun 15, 2017</td>
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<td>FCREP O-2496</td>
<td>Document when Import/Export Arguments Ignored</td>
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<td>FCREP O-2487</td>
<td>Remove &quot;legacy&quot; tests once Fedora (4.7.4) is released</td>
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<td>FCREP O-2476</td>
<td>Test Import into Cavendish</td>
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Showing 20 out of 30 issues
c. Sprint 3 Stakeholder Feedback

Minutes

1. Project team
   a. No objections from participants on the call about their assignments (above)

2. Sprint goals
   a. Test compatibility of exported Bags with:
      i. APTrust
      ii. Perseids
      iii. Archivematica
   b. Import/export of versions
      i. Want to keep upcoming Memento API alignment
   c. Lossless round-tripping (particularly dates)
      i. other round-tripping issues, e.g.: [FCREP-O-2429](https://example.com) - Semantic differences between exports
   d. Resolve import bugs that were reported from v0.1 testing
   e. Lower-priority
      i. Importing into non-empty containers
      1. There may be several facets to this: importing into a container that already exists (other children of the same resource already exist) seems very useful, but syncing with an existing resource may be much more complex. We should support the easy things, and be careful when tackling the more complex scenarios to maintain a good scope with stakeholder input.
      ii. Maintain links in Bags with links to resources outside of Bags
      1. Revisit whether this is still an issue given the current Bag export/import functionality
      iii. Incremental diffs of Bags, relating to sending updated Bags to preservation services, not re-transmitting large files that haven't changed, and not overwriting good content with content that's been corrupted, etc.
      1. Interesting functionality once the other functionality is solid
   f. Verification tool
      i. Unicode-escaping when resources are exported leads to mismatch when those resources are re-imported
      ii. Users are confused by the tool output
      iii. Lower priority:
      1. Gracefully handling server-managed triples and timestamps that can't be updated
      2. Verifying Fedora-to-Fedora and disk-to-disk
      3. Anything special required for Bags?

3. Next steps
   a. Sprint kick-off call on 5/15 11am EDT to start assigning tickets
   b. People should feel free to test in the interim and file tickets and provide feedback

Action Items

- [ ] Andrew Woods: pull together documentation to help Linda Newman test compatibility APTrust
- [ ] Michael Durbin: propose how to update systems dates for broader Fedora community input
- [ ] Linda Newman: write up use cases related to Bag export functionality in Use Cases Yet To Be Rolled Into Requirements section