

## Time/Place

- Time: 11:00am Eastern Daylight Time US (UTC-4)
- Dial-in Number: (712) 775-7035
  - Participant Code: 479307#
  - International numbers: [Conference Call Information](#)
  - Web Access: <https://www.freeconferencecallhd.com/wp-content/themes/responsive/flashphone/flash-phone.php>
- IRC:
  - [Join the #fcrepo chat room via Freenode Web IRC](#) (enter a unique nick)
  - Or point your IRC client to #fcrepo on irc.freenode.net

- Bethany Seeger
- A. Soroka
- Yinlin Chen
- Esme Cowles
- Jared Whiklo
- Andy Wagner
- David Wilcox ★
- James R. Griffin III
- Andrew Woods
- tamsin johnson
- Benjamin Armintor
- Namibia Bahulekar
- Allen Flynn
- Katherine Lynch

1. How many child resources do I have?
2. [Modeshape 5.x update](#)
3. Next steps: [Fedora specification](#)
  - a. Service detailing
  - b. Alt implementation verification
  - c. TCKs
  - d. Spec writing
  - e. LDP and other standards coordination
4. [MySQL migration](#) testing
5. Fedora backup: [documents\\_000001.bin.gz](#)
6. Status of "in-flight" tickets

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
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key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
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Unable to locate Jira server for this macro. It may be due to Application Link configuration.

## 2. Tickets resolved this week:

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
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## 3. Tickets created this week:

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
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# Minutes

## Child Resources

- Assumption: When you make a request on a container you should know how many children that container has
- Fedora should provide this information
- Going into a paging scenario with this information would be nice
- The current code iterates over all the children and counts them
  - This can be a performance issue with very large numbers (millions) of children
- Instead of dynamically creating this count, we could maintain a property that gets updated when children are created or removed
  - Right now, we don't have good information on when children are created via federation
  - In general, it is difficult to know how many children are in a federated file system period. This should not stop us from making in-repository storage perform better
- There is a child count property we could use - it does not indicate whether those children are in repository or federated storage
- Could we use a listener to listen for federated changes and update the property in Modeshape?
  - Record number of children, bytes, and a timestamp and us a TTL to update at periodic intervals
  - Not sure if we could override the way the federated filesystem gets queried for its contents
  - We could pursue one solution for in-repository content and another solution for federated resources
    - Both solutions should use and maintain the same property
- **Action:** Create a separate ticket for each solution

## ModeShape 5 Update

- There will probably be a couple more 4.x releases
- ModeShape 5 is projected to be released in March
- We will want to install and test this release with Fedora 4 when it is available

## Fedora Specification

- A message regarding the [API spec](#) was sent to the Fedora community yesterday
- We want to clearly define what Fedora is in a specification
- The proposal includes API and SPI services and WebAC for authorization
- An effort is currently underway to detail each of the services
- We want to have a number of alternate implementations to verify that the API is independent of any particular implementation
- We need to have TCKs that progress alongside the specification work
- Who will volunteer to take responsibility for the service pages on the wiki?
  - [Resource Versioning](#): A. Soroka
  - [Resource CRUD](#): Benjamin Armintor
  - [Atomicity](#): Jared Whiklo
  - [Authorization](#): Allen Flynn, Namita
  - [Binary Fixity](#): Andy Wagner
  - [Atomic Batch Operations](#): Jared Whiklo
  - [Messaging SPI](#): Unknown User (acoburn)
- What will the final spec look like and where will it live?
  - It should be in the same form as the other W3C recommendation documents that are out there
  - It should not just live in GitHub or on a wiki

- W3C Respec for authoring: <https://www.w3.org/respec/>
- This is difficult to do in the wiki. Probably still difficult in GitHub
  - Maybe a Google Doc?
    - Useful but will not help produce a spec doc
  - Are GitHub issues a barrier?
  - Could we use JIRA instead since we already have a running instance?
- **Action:** As a starting point we will use a Google Doc but transfer to something else if need be

## MySQL Migration Testing

- There are some documented issues with LevelDB
- Need to migrate backup dump from LevelDB to few Fedora repo v
- Application Link configuration.
 

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## Fedora Backup

- There is no guarantee of order of resources in a Fedora backup dump