2018-04-23 - eXist Community Call (major)

Schedule
- Monday, April 23, 2018 7:30-8:30pm Europe Central (CEST)
  - 17:30-18:30 UTC / 10:30am US Pacific (PST) / 1:30pm US Eastern (EST) / 6:30pm UK (GMT)
  - https://www.timeanddate.com/worldclock/fixedtime.html?iso=20180423T1930&p1=37
- This is a "minor" call. Calls are weekly and alternate between "minor" meetings and "major" meetings—the latter requiring most stakeholders to be present.

Outstanding/Completed Actions
- https://docs.google.com/spreadsheets/d/10uqjXLrhWxvcZ9WlJzhT6IeD8gpy6a5abfmGVLw7LwM/edit

Last Week's Agenda
- https://docs.google.com/document/d/1QDXH7BtD68nR4zDYBr4Ysz3Bh806wwImgDycljhe5ig/edit?usp=sharing

How to join the call
- https://hangouts.google.com/call/vns-1jXjpjqMcRy8J5JKAAEI

How to join the chatroom
- https://existdb.hipchat.com/invite/300223/6ea0341b23fa1cf8390a23592b4b2c39

Plans to attend
- Duncan Paterson
- Adam Retter (Evolved Binary)
- Magdalena Turska

Regrets
- Wolfgang

Present
- Joe Wicentowski (Office of the Historian)
- Duncan Paterson
- Wolfgang Meier

Absent
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Agenda:

1. Notetaker selection (please type notes in "Notes" section below, not in the agenda section)
2. Introductions of new attendees (if necessary)

3. Approval of Last Week's Minutes (as official record, any objections?)
   a.
4. Topics for discussion[1]
   a. Review of Action Tracker - see link. All open actions will be reviewed. List actions that need particular discussion:
      i.
   b. Preparations and plans for upcoming release: 4.1.1 (patch), 4.2.0 (minor), and/or 5.0.0 (major): https://github.com/eXist-db/exist/milestones
      i. Next scheduled release date? (2 months from Friday, April 13 would be Wednesday June 13?)
      ii.
   c. Outstanding PRs
      i.
   d. General Discussion
      i. JW: Last week's notes indicate Matrix was discussed as an alternative to HipChat, but what are the next steps?
      ii. JW: Can we discuss the issues surrounding resource and collection URIs in eXist? Current summary of the issue is at #1824 (https://github.com/eXist-db/exist/issues/1824#issuecomment-382231963).
      iii. DP: Should we publish official docker images on dockerhub (and add some notes to the docs about using docker)?
         1. https://github.com/evolvedbinary/docker-existdb
         2. https://github.com/grantmacken/alpine-eXist
      iv. DP: Java 9 introduced new modularity features, see https://docs.oracle.com/javase/9/whatsnew/toc.htm#JSNEW-GUID-C23AFD78-C777-460B-8ACE-58BE5EA681F6 could this be of interest to minimize exist-db's size by jlinking jars that are disabled in conf.xml?
   e. Any Other Business
      i.

Minutes:

Chair
● AR

Note Taker
● DW

Notes (please add/edit)
● Last week's minutes

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[1] Please check the list of ideas for future calls to see if you would like to propose from that list: https://docs.google.com/document/d/1WTtgR_RGOEkC8C9F-SCJNyuGG5hTHLkj1Gdq-v-HBRY/edit?usp=sharing. See all notes from previous calls at: https://drive.google.com/drive/folders/0B4NLNdpw86LPc2JsV294NDFfTjQ?usp=sharing.

- ○ Approved
- Updates on previous Actions
  - ○ Assign matrix action, assign to Wolfgang?
  - ○ Update milestones for 5.0.0 → a general action "everybody (core devs, others interested) should go through issues".
- Next release and hotfix
  - ○ Next scheduled release will be 5.0.0 - tentatively scheduled for Wednesday June 13
  - ○ May need a hotfix 4.1.1 to address stability
  - ○ … all depend on availability of wolfgang and adam
- Update on PRs
  - ○ DW: https://github.com/eXist-db/exist/pull/1829 ready for proper tests from JW
- General Discussion
  - ○ How did this release go?
    - ■ Wolfgang had problems releasing maven jars
      - ● Action: research, find a way for others to do this (or keep dependence on Adam)
    - ■ Great! Best eXist yet!
  - ○ Resource / collection URIs - https://github.com/eXist-db/exist/issues/1824#issuecomment-382231963
    - ■ Changes here would likely need to be 5.0.0.
    - ■ DW: Suggests approaching from end user perspective. Write tests that should be working: XQuery, WebDAV. Work backwards. For WebDAV consult HTTP spec on risky/forbidden characters like ?, =, +. These may need to be written in Java.
  - ○ Publishing images to dockerhub
    - ■ DP: AR and Grant Mackenzie's images are receiving a lot of traffic. Docker is very popular among developers; people want good base images. Publishing an official image could help raise visibility. Someone from eXist-db org would need to establish an official account. We're linking to adam's images as if they are official, but they are not secure and signed on dockerhub. Next steps? Speak with AR next time?
  - ○ Java 9
    - ■ DP: Question: Can we make use of Java 9's "modules"?
    - ■ DW: Concerns with pace of Java JDK releases. Moving too fast to adopt Java 9+ features could jeopardize commercial customers. Need to study use cases.
    - ■ DP: Two features of interest in Java 9/10: (1) Java 9 modules. Doesn't break backward compatibility. (2) Java 10 memory allocations in containers.
    - ■ DW: Is Java community committed to these features? Need to study, understand the big picture.
- AOB:
  - ○

Actions

- A-180423-1 DP: Submit PR containing test suite for xslfo render function
- A-180423-2 AR: Release an official, secure dockerbase image. Enter eXist-db into the secure dockerhub registry as an organization. Less painful than doing so for maven/nexus. (proposed by DP for AR in absentia)
- A-180423-3 JW: Write tests for #1824.