

## Software Architecture Meeting – April 7<sup>th</sup>, 2016

### Attendees

---

Beard, Geng, Hoover, Jantz, Marker, Morgan, Mills (recorder), Triggs, Yu

### Agenda

---

- 1) Announcements - all
- 2) 8.0 Scheduling and Update -Hoover, et. al
- 3) 8.1 Development Update - Developers
  - EAD collection level style sheets - Jantz
  - SOAR feature requests vs bugs/tasks
- 4) ABBYY - Beard, Yu
  - Converting office documents?
  - HTML to PDF conversion(wkhtmltopdf)
- 5) Jobs & Reports – Triggs

#### 1) Announcements

---

Beard is developing a document outlining the archiving of websites. A possible use case to consider is a series of blogs and websites Jantz has been approached about preserving.

#### 2) 8.0 Scheduling and Update

---

Group approved moving forward with the 8.0 upgrade consisting of services pack, PHP, and Fedora updates. This upgrade is tentatively scheduled for Monday April 25<sup>th</sup> from 7AM to 12 noon. Group will seek approval for downtime/upgrade window.

#### 3) 8.1 Development Update

---

Group will seek approval for moving the deposit application from the mss3 sub-domain to the rucore sub-domain. *(Agnew approved this for 8.1 as a general housekeeping item)*

Triggs will explore moving dlr/EDIT from the mss3 domain to the rucore domain. This might affect the notification product that is part of dlr/EDIT. Triggs and Geng will discuss offline.

April 25<sup>th</sup> is still the code freeze date for 8.1 development.

Developers' have been asked by Ananthan to provide a list of test cases/items for 8.1. The developers'' will provide Ananthan the list as soon as possible to aid in the creation of the 8.1 test plan.

Adding the 8.1 feature for EAD's of style sheets based on collection will be run by Agnew. Jantz will also create a mini-spec for the developers'' to use. *(Agnew approved this for 8.1)*

Any feature requests/issues in software.libraries related to SOAR will not be worked on for this release. Only bug fixes.

#### 4) ABBYY

---

Beard noted that on the ABBYY website they note that office document conversion is possible. Yu noted that they website also notes that HTML conversion is possible. Beard will work with IIS(Ananthan & Gonzaga) and issue a help ticket with ABBYY for confirmation and the latest version of the ABBYY server software. Beard will also reach out to the sales representatives for clarification.

Beard noted the trial license for our development system will need to be extended in June when the current license expires. This is a no cost extension.

WKHTMLTOPDF will be explored as an alternative to ABBYY for HTML conversion. This isn't critical for 8.1; but will be for 8.2 when we will work to replace Adlib PDF server with the ABBYY recognition server.

Yu will explore the OCR output provided by ABBYY. Mills would like to see if the output provides word coordinates. Those coordinates are used by the book reader for highlighting keyword document level searches.

#### 5) Jobs & Reports

---

The RARCH conversion of a redirected datastream to a managed datastream is still in progress. 9 of the 14 jobs have been run.

Triggs will mark issues in the Jobs & Reports projects "closed" once completed. This will aid Hoover and others when determining what their current active tasks.