

2019-04-22 RPWG Meeting notes

Date

22 Apr 2019

Attendees

- Sharon Beltaine
- Nassib Nassar
- Eric Pennington
- Veit Köppen
- Scott Perry
- Claudius Herkt-Januschek
- Kevin W. Walker
- Michael Patrick

Discussion items

Item	Notes
Attendance	Update Attendee List
Action Items	Review and update Action Items
FOLIO Face-to-Face meeting plans	<p>FOLIO Face-to-Face meeting plans -</p> <p>Working document for the Face to Face meeting:</p> <p>https://docs.google.com/spreadsheets/d/1JELsHTfu_xYA1yTsyRCorZzEVofd8Njsg1Lo32rm_3s/edit#gid=1359585528</p> <p>Goals</p> <ul style="list-style-type: none">• Settle on what groups/individual should plan to attend• Discuss and decide on meeting times/organization• Identify any significant gaps in the program

<p>German Folio Days and Data Warehouse Ideas</p>	<p>Veit presented his ideas from German Folio Days</p> <ul style="list-style-type: none"> • eUsage app data model • how to “work” to a data model • problem of slowly changing dimensions <p>NOTES:</p> <p>-Veit presented ideas from German FOLIO days</p> <p>-problems with underlying data structure</p> <ul style="list-style-type: none"> • UUIDs are string values, which have bad performance for joins (Nassib: UUIDs are Integers, so should be ok) • Create Mapping Tables: map UUID to DWID • recommend attributes with specific data types (e.g., Date, INT, String) • dimension examples: Time, Patron, Item <p>-markers for slowly changing dimensions, e.g.</p> <ul style="list-style-type: none"> • service point • loan transaction <p>-database has a lot of redundant information</p> <p>Thoughts from Nassib</p> <p>-we are using keys for joins, but sometimes the UUIDs are there in case you want to join them</p> <p>-would be helpful for technical feedback in terms of work that has already been done (bring to Nassib first)</p> <p>Veit: Problem of Slowly Changing Dimensions</p> <p>-state of data structure impacts reporting</p> <p>-report on states of data such as as is, as of, as posted, comparable each render different results</p> <p>Thoughts from Nassib</p> <p>-by default, we currently have fact tables linked to specific dimensions and an effective record date is stored</p> <p>-there is some flexibility in the way elements impacted by time are modeled</p> <p>-data warehouse impacted by the development of streaming functionality in FOLIO</p> <p>Thoughts from Tod</p> <p>-every record needs a created date and an updated date</p>
<p>RPWG Projects</p>	<p>Review RPWG Project List</p> <p>NOTES:</p> <p>-is “filtering” to build out the data elements just for reporting the most efficient way to develop?</p> <p>-will we develop all 250 reports?</p> <p>-what scaling can we do at our institutions to support report development</p>
<p>Circ Item Detail Report Prototype</p>	<p>-latest update on progress?</p>

eUsage Project	<p>Please take a look at the documentation for API data elements from the eUsage app development team.</p> <p>eUsage API data elements documentation: https://docs.google.com/spreadsheets/d/1CViG0LzMPpN2IVm1EM6vSEzVWnZvUJ0C61YbNP5vexA/edit?usp=sharing</p> <ul style="list-style-type: none"> • the "counter-reports" worksheet shows the metadata for the harvested reports. • for eUsage, we do not actually save the single data fields of each report, but the monthly reports as a whole, with metadata to identify them <p>eUsage UI presentation: The eUsage UI design includes a statistics previews backend that queries specific reports (identified by provider, date range, metric type etc.) and then processes the full report</p> <p>Here is a presentation explaining this design with an example: https://docs.google.com/presentation/d/1r9KWetrYpQFd79j9uDRZkKEbigGp4mOqkh-a3nXJkq0/edit?usp=sharing</p>
Some General Questions (from last meeting)	<p>-custom fields?</p> <p>-how many of the reports do we develop?</p> <p>-next priority reports?</p>
For our next meeting...	<p>Next Topics:</p> <ul style="list-style-type: none"> • topic 1 • topic 2 • topic 3 <p>Next meeting of the Report Prototype WG is scheduled for Monday, April 29 at 10:00am EST</p>

Action Items

- First
- Second
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