MINUTES
DICOM WG-27 - Web Services

Date: Tuesday, July 23, 2019
Time: 12:00-13:30 US ET

Presiding Officers: Jim Philbin, American College of Radiology, User Co-chair
Bill Wallace, Agfa HealthCare, Vendor Co-chair

DICOM Secretariat: Luiza Kowalczyk, MITA/NEMA

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1. OPENING
   - The meeting was called to order at 12:00 US ET.
   - Antitrust rules and DICOM patent disclosure policy were reminded.
   - Agenda was approved.
     - Only an order of the agenda items was changed.
   - Reviewed and approved minutes of the June 25th meeting.
     - Luiza will make few editorial updates.

2. RESTFUL 3D RND3-STEVE NICHOL’S PROPOSAL
   - Define behavior and conflicting parameters for rendering a Volumetric Presentation State Instance resource
   - Define parameters to support on-the-fly volumetric rendering of a series (based on attributes already defined for Volumetric Presentation States), for example:
     i. {&renderMethod}
     ii. {&viewpointPosition}
     iii. {&lightDirection}
     iv. … this list does not reflect all attributes available

   If we move forward with this proposal, a new work item proposal needs to be created and submitted to DICOM Standard Committee for approval.

   **Things to think about**: What is the real goal of this proposal? Is it worth doing it? Will this be implemented? Is this doable? What vendors are interested in this.

   It is recommended to reach out to other DICOM WGs. This would also require the active engagement of the 3D WG, and probably the modality-specific WGs including US, CT, MR, PET and X-Ray: **DICOM WG-02; 03; 12; 15; 17 3D, 21 CT**.

   **ACTION ITEM**: Seek feedback from other DICOM groups.

3. SUPPLEMENT 211 DICOMWEB SUPPORT FOR RETRIEVE VIA APPLICATION/ZIP [WI 2018-09-C]
   - Supplement 211 was not discussed today.
     - Sup 211 will be scheduled on the September WG-06 Agenda.
       - Next milestone—Public Comment.
   - sup211_applicationZip-2019-01-07.pptx
   - sup211_applicationZip-2019-01-07.docx

   **ACTION ITEM**: Prepare Sup 211 for a review with WG-06 in September-B. Wallace

4. SIMPLIFIED SR IN JSON FOR AI RESULTS
   - No discussion on AI results during today’s meeting.
- WG-27 is interested in JSON and use cases development so it will be on the WG-27 agenda. If you are interested, please read WG-23 minutes, and provide any feedback to members of both groups, especially WG-23.
- Please click on the following links for more details:
  - https://www.dicomstandard.org/wgs/
  - Link to project work plan document: https://docs.google.com/document/d/1mxF4IfSUrGug1pHFB1v-logwx_cNnX8xWivAmLfl-3E/edit?usp=sharing

5. THE FOLLOWING CORRECTION PROPOSALS (CPs)
- A short recap from the meeting at SIIM, which was held on Tuesday, June 25th, 2019.
  - Members of WG-27 reviewed and updated CP-1861 & CP-1862.
- cp1861_02 change JSON value type mapping IS and DS_2019-06-25.docx
- cp1862_02_remove Char Set from QIDO Response_2019-06-25.docx

SECRETARY NOTE: Those two updated CPs are uploaded in the WG-27 meeting folder /2019-06-25, and in the directory of WG-06 (2019-09-09/CPs/Assigned)

ACTION ITEM: CP-1861 & CP-1862 need to be reviewed by WG-06.
  - cp1889_02_newvrswebservicesandapi.pdf
    - OV: Should always be inline binary or bulk data.
    - SV, IS: Either use the same rules as OV, or use the solution for 1861. Depending on the option, we could mandate that the alternate encoding (e.g., string) is used when the value exceeds $2^{53}$. Or, we could mandate that the alternate encoding is always used regardless of value.
    - In Part 18, we expect that Table F.2.3-1, Section F.2.2, and Section 10.4.1.1.2 may need to be updated.

ACTION ITEM: CP-1889 needs to be reviewed by WG-06.

6. SUP193 WEB SERVICE NOTIFICATIONS
- Sup 193 will NOT be on the September WG-06 Agenda. It requires further review.
  - sup193_rs_notifications_2018-06-25_eom.docx

7. PROCESS RE-DOC PS3.18 CPs
- Reminder: Elliot Silver, Change Healthcare, will not be finishing his assigned CPs. Other members of WG-27 will need to take over them over him.
- Questionable CPs: CP-1870 & CP-1873
- Posted in the WG-27 mtg folder <2019-06-25> CPs for PS3.18 2019-06-25.docx
8. **SCHEDULE FUTURE T-CONS AND F2F MEETINGS**

- WG-27 Web Services usually holds in-person meetings in conjunction with RSNA. The question was raised if it makes sense to have a meeting at RSNA this year. Nothing was confirmed yet. It requires further discussion.
- If we did have a mtg at RSNA this year, it was suggested to have a joint meeting with members of DICOM WG-23 Artificial Intelligence and Application Hosting. Lisa will reach out to members of WG-23.

9. **NEW BUSINESS**

- None

**All documents are posted in the meeting folder:**

10. **NEXT MEETINGS**

   **T-cons:**
   - Tuesday, August 13, 2019, 1:30-3:00 US ET
   - Thursday, September 5, 2019, 1:30-3:00 US ET
   - Wednesday, September 25, 2019, 1:30-3:00 US ET
   - Wednesday, October 23, 2019, 1:30-3:30 US ET

   In person: @ 2019 RSNA- NOT CONFIRMED YET
   - Wednesday, December 4, 2019, 9:00-5:00 US Central
     - @2020 SIIM

11. **ADJOURNMENT**

- The meeting was finished at 13:30 US ET

Submitted by Luiza Kowalczyk, MITA/DICOM Secretariat