

Minutes

MEETING NAME 09-WG33: WG-33 Data Archive and Management

MEETING PLACE/DIAL IN

DATE & TIME Wednesday, March 30, 2022 | 11:00 am – 12:30 pm US ET

PRESIDING OFFICERS Matthew Bishop, UnityPoint Health
Keith Eklund, Healthcare Tech Solutions

VOTING MEMBERS PRESENT

Ambra Health/Intelerad	Ostrow, Daniel
Argentix Informatics, Inc.	Silver, Elliot
GE Healthcare	Nichols, Steven
GE Healthcare	Numan, Jouke
Grafimedia	Georgiadis, Pantelis
Healthcare Tech Solutions	Eklund, Keith
Laitek, Inc.	Solomon, Harry
Society for Imaging Informatics In Medicine	Bishop, Matthew

OTHERS

Laitek, Inc.	Behlen, Fred
London Health Science Center	Aizawa, Luiz

VOTING MEMBERS ABSENT

AAPM	Bevins, Nicholas
ACR	Maldonado, Josh
Canon Medical Research USA	O'Donnell, Kevin
Change Healthcare	Ho, Kinson
DesAcc EMEA	Lyshkow, Hugh
European Society of Radiology	Mildenberger, Peter
Mayo Clinic Rochester	Persons, Kenneth

PixelMed Publishing
Varian, a Siemens Healthineers Company

Clunie, David
Anghelescu, Alex

DICOM
SECRETARI
AT

Anna Zawacki, SIIM

1 CALL TO ORDER AND REVIEW OF ANTI-TRUST RULES AND DICOM PATENT POLICY (Co-Chairs, Secretariat)

The meeting was called to order. Guidelines for Conducting NEMA Meetings were read and attendance was recorded.

2 REVIEW AND APPROVE AGENDA (Co-Chairs)

The agenda was reviewed and approved.

3 REVIEW MINUTES (Co-Chairs)

The minutes of the previous meeting were reviewed and approved.

4 TOPIC ITEMS TO BE DISCUSSED (All)

- Sup223 Approved for Letter Ballot!
- Review latest version of the Sup223_DLB6:

ftp://d9-workgrps@medical.nema.org/MEDICAL/Private/Dicom/WORKGRPS/WG33/2022/2022-03-30/Sup223_DLB6_InventoryIODandServices.docx

Draft 6 was approved for Letter Ballot.
Need to finalize all text before it gets sent out.

What got added

Since our last mtng, we put in these protocol endpoints for references.
Reviewed with WG-6, resolved, added to history of resolved issues.
Some conditions, examples of URI splitting, approved for LB.

Issues Closed during Public Comment 2
Line 410

410 During Public Comment, the following issues were raised, and their resolution is noted.

PC2. <u>4.A</u>	<p>Should Inventory Creation include a progress indicator? Users of operations that require an extended time for execution, such as inventory creation, desire a numerical or quantitative progress indicator, e.g., percent completion, or N of M records searched. Should a progress indicator be added to the Inventory Creation N-EVENT REPORT? <i>Definition of an indicator needs input from implementers of the Inventory Creation SOP Class regarding appropriate estimators of progress that would be feasible for a variety of archive architectures. As a progress indicator would be optional, this could be added as a Change Proposal as implementations are developed.</i></p>
PC2. <u>4.B</u>	<p>Could the Inventory set a default access end point for all repository SOP Instance access? Since typically all content of a repository is accessible through a common AE Title / <u>DICOMweb</u> URL / non-DICOM protocol base URI, could a default access end point be specified once for the Inventory and not be repeated for each Study? <i>A default set of end points has been added for access to both Study-related SOP Instances and to referenced Inventory SOP Instances. See PS3.3 Section C.YY.1.1.4.</i></p>

The top level items are in the inventory.

Then there were some questions about examples of how you break up a URI.

We put in the highlighted text and the table.

2780 Instance files of a Study or Series, or even the entire Inventory, are likely to have the same URI base. The Inventory can factor out that commonality by specifying a Stored Instance Base URI (00gg,0Fx9) at the Inventory, Study, and/or Series level, and using relative path reference URIs (starting with /) for the individual Instances. **As specified in Section P.2.1 in PS3.3, the division between a base URI and a relative path reference URI may occur at any path segment boundary, as seen in the examples in Table XXXX.7-1.**

2785 **Table XXXX.7-1 Example Uses of Base and Relative Path URI**

Base URI	Relative Path Reference URI	Notes
https://pacs.example.org/	.JZ08555/2.25.9104767294.dcm	Protocol and host only in base URI; possible use for base URI default for entire Inventory
nfs://pacs.example.org/JZ08555/	.2.25.9104767294.dcm	Protocol, host, and partial path in base URI; possible use for base URI for each Study
smb://pacs.example.org/JZ08555/2.25.4037510835.zip/	.	Complete path in base URI; possible use for base URI for each Study, with entire Study in single container file
https://pacs.example.org/	https://pacscache.example.org/JZ08555/2.25.9104767294.dcm	Relative path is a complete URI, base URI is ignored; possible use for base URI default overridden for specific instances

The other thing that was a big discussion in WG6 was about the record key.
Section part 4 annex c repository query

C.6.x4.2 Repository Query Request Identifier Attributes

1530 In addition to the attributes specified in [Section C.4.1.1.3.1](#), a Repository Query Request Identifier may contain the Attributes shown in Table C.6.x4.2-1 for the SCU to request certain C-FIND response content.

Table C.6.x4.2-1. Repository Query Request Identifier Additional Attributes

Attribute Name	Tag	Attribute Description
Prior Record Key	(00gg,0Fz1)	Entity identifier that was returned as a value in Record Key (00gg,0Fz0) in a prior request. Entities returned for the current request will begin with the first matching record with a record key subsequent to this record key. See Section C.6.x4.5.3 for SCP processing requirements.
Maximum Number of Records	(00gg,0Fz4)	Maximum number of matched entities to be returned for this request. See Section C.6.x4.5.2 for SCP processing requirements.

These are just additional request identifier attributes.

We will add in links to the requirements below for how they are being processed.

The presentation that gives an explanation is on the FTP.

Process: Harry Solomon will deliver final doc to secretariat by April 10. Then out for LB for 7 weeks. After that, we will return to WG6 during the week of June 20.

We will meet June 15 to review anything that may have come through via LB.

Additionally, we will meet on May 11 to see if there are any items of interest for the WG33 to take on next. Chairs to put out a note to the WG33 members for new items of interest.

Action: Anna to check on potential of informal meetup at SIIM22.

5 OLD BUSINESS

6 NEW BUSINESS

7 DATE AND TIME OF NEXT MEETINGS (Secretariat)

- Continue T-con meetings bi-weekly
- Next call is May 11, 2022 between 11:00 am and 12:30 pm ET

NEMALINK CODE

09-WG33

<u>SUBMITTED BY</u>	Hull, Carolyn
<u>SUBMITTED ON</u>	7/1/22
<u>LEGAL APPROVAL</u>	7/10/22
<u>UPLOAD LOCATION</u>	Enter upload location.