

Report on Japan Activities

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DSC

Agenda

1. JIRA – DICOM committee
Sub W/G Updates

2. JAHIS - DICOM WG

3. JSRT - Medical Informatics Division

DSC in Japan

IHE Japan

Connectathon 2024

JIRA – DICOM

- **SWG-01** (follow CPs, Sups)
 - CPack-125: Voted 1 comment (CP2325)
 - CPack-124: Voted w/o comments

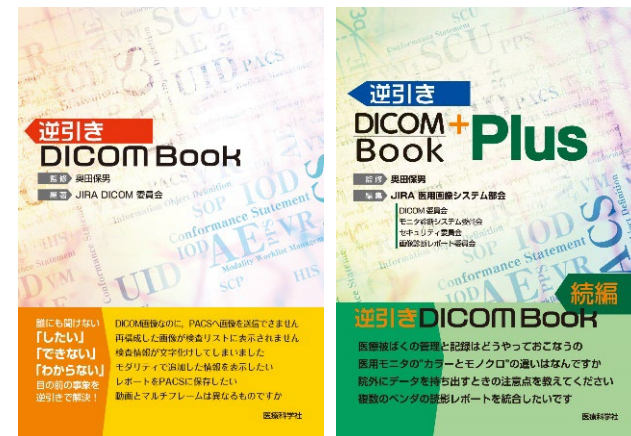
 - Sup239: no comments
 - Waveform Annotation SR (PC)
 - Sup234: Approve
 - DICOMweb Storage Commitment Service (LB)

JIRA – DICOM

- SWG-07 (seminar)
 - (DONE) Advanced course
 - Date: Jan.26th and 27th ,2024.
 - “RDSR and latest update of DICOM” -RDSR can be used for dose management
 - Fee (member): JPY 3,300 (USD 22.4) / Form of the seminar: Zoom Webinar (real-time)
 - Program
 - #1 Basic RDSR
 - #2 Explanation of RDSR(s)
 - #3 DICOM UID, Security and Radiotherapy
 - #4 Latest update of DICOM Standard
 - Results/feedbacks
 - 61 participants / 74% survey feedback
 - (1) To learn RDSR for dose management
 - (2) To understand update DICOM Standard
 - (3) Good to learn UID, Security and Radiotherapy
 - (4) Hoping hands on seminar



User still want to learn RDSR.



- Annual meeting (for JIRA member, on Mar.15th, 2024)
 - Committee(s) report
 - DICOM, monitor(display diag), security, report(diag.) and education
 - DICOM
 - CP (SWG-02)
 - Collaboration with WG-28, CIMICS and “Dose and Radiation”
 - Seminar (SWG-07)
 - RDSR were fully covered for several years
 - Topic: “D4 and After”
 - JSRT (User) starts review



SWG-3 / DSCやW/Gのフォローアップ

トピック
次世代DICOM規格の検討: DICOM 4

<<目的>>
医用画像データの使用者(医師, 技師),
製品を導入・管理する側(企業, 経営)で現在の規格で
可能&利用できるものと比較して、著しく大きな価値を
提供する

<<視点の区分>>
実装側, 利用側, 保守側, 実現面
<<技術的視点>>
主軸(無料, オープン, 安定, 実用的な相互接続, 新規技術の取り入れ)
キープすべきもの, 導入すべきもの, 不満事項の見直し
(UID依存関係保持, 多彩な時刻表現, 誤解を生みやすくなったVR数等)

議論の母体: WG-10 (Strategy)のサブグループ
隔週開催(日本時間深夜帯)

D4 and After

This document contains discussions and strawman concepts related to the development of "DICOM 4", meaning the "next generation" of the Standard, rather than extensions to the existing Standard. Specifically, constraints that apply to extensions, such as adhering to the existing information model and not breaking existing implementations, would be open for discussion in the design of DICOM 4.

The WG-10 subcommittee has been tasked with preparing a report to the DSC to help organize and scope the work, and identify some of the key concepts, considerations, and decisions. This document will evolve to capture those discussions and become that report.

10 Ultimately, decisions on whether and how to proceed will be made by the DICOM Standards Committee. The report is intended to inform those decisions.

This is a discussion document. Capturing contributions and constructive criticism is the purpose.

The central point of developing a new generation of DICOM would be to deliver significantly greater value to those using medical imaging data, and to those implementing and managing products, compared to what is possible and available with the current standard.

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Implementer Adoption Considerations
To drive and facilitate adoption of D4 by implementers (vendors, in-house, open-source, tools/toolkits), consider: "

JIRA DICOM委員会 MLに配信(2月7日)

JIRA

- **WG Routine activity**
 - Investigate & Vote : Supps, CPs
 - Share the information about DSC, WG-13, 14, 26, etc. with JAHIS members

The 80th Annual Meeting of JSRT / The 3rd ICRPT Leading an Era of Transformation

Date: April, 11-14, 2024 Venue: Yokohama, Japan
Conference President: Toru Negishi

43th Medical Informatics Division

◆ Educational Lecture

- The ideal state of medical informatics experts required in medical care

◆ Division Lecture

- To handle DICOM data
- Cybersecurity measures in the radiology department

All Japan Radiological Technology / the 52nd Autumn Scientific Congress

October 31- November 3, 2024, Okinawa, Japan



「Medical Informatics Division's 2024 Seminar plans」

PACS Basic Seminar :

The 16th Sep. (Chiba)

- Continuing lectures of basic and recent DICOM

PACS Specialist Seminar

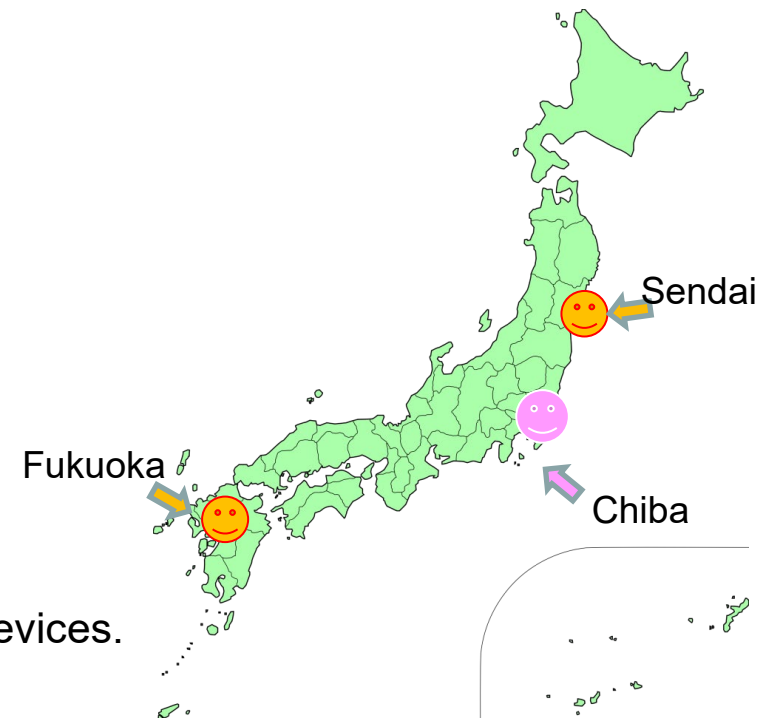
The 35th Jul. (Sendai)

The 36th Feb. (Fukuoka)

- DICOM update.
- Introduces the use of JJ1017

Medical Information Evening Webinar

- Health service information research in medical devices.



DSC in Japan 2024

- DSC (and WG-10 / WG-29)
 - Sep.2-4??, 2024 @??? (in Tokyo)
 - First time in 7 years
 - JIRA/JAHIS will hosts of the DSC in Japan
- and if
 - Educational conference?
 - Theme, Scale?
 - WG-6?

- Connectathon
 - Oct.21-25, 2024 @Asakusa
 - Organized by IHE Japan

Report on Japan Activities

JSRT : Japan Society of Radiological Technology

JAHIS : Japanese Association of Healthcare
Information Systems Industry

JIRA : Japan Medical Imaging and Radiological
Systems Industries Association

