

Report on Japan Activities

Hiroshi Sakamoto / JSRT

Masao Murata / JAHIS

Shinichi Nakano/ JIRA

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DSC@T-Con



Agenda

1. JIRA – DICOM committee
Sub W/G Updates
2. JAHIS - DICOM WG
Updates
3. JSRT - Medical Informatics Section
Updates
4. IHE Japan
Connectathon 2021

JIRA – DICOM cmte

- **SWG-01** (follow CPs, Sups)
 - CPack-111: Voted with 3 comments
 - CPack-112: On going

 - Sup225: On going (Multi-Fragment Video Transfer Syntax)
 - Sup209: On going (Revision of the DICOM Conformance Statement)
 - Sup160: Voted (2nd-Gen. RT - Patient Setup and Delivery Instruction)
 - Sup223: done (Inventory IOD and Related Services)
 - Sup222: Voted (Microscopy Bulk Simple Annotations ...)
 - Sup213: done (2nd Gen. RT Image and RT Patient ...)

JIRA – DICOM cmte

- SWG-02 (propose CPs, Sups)
 - CP2020

Correct Directory Content Example in both PS3.10 and PS3.3

CP2020 has been incorporated into the DICOM 2020c. Thank you for your efforts.

DICOM PS3.10 2019e - Media Storage and File Format for Media Interchange

DICOM PS3.3 2019e - Information Object Definitions

A Example of DICOMDIR File Content (Informative)

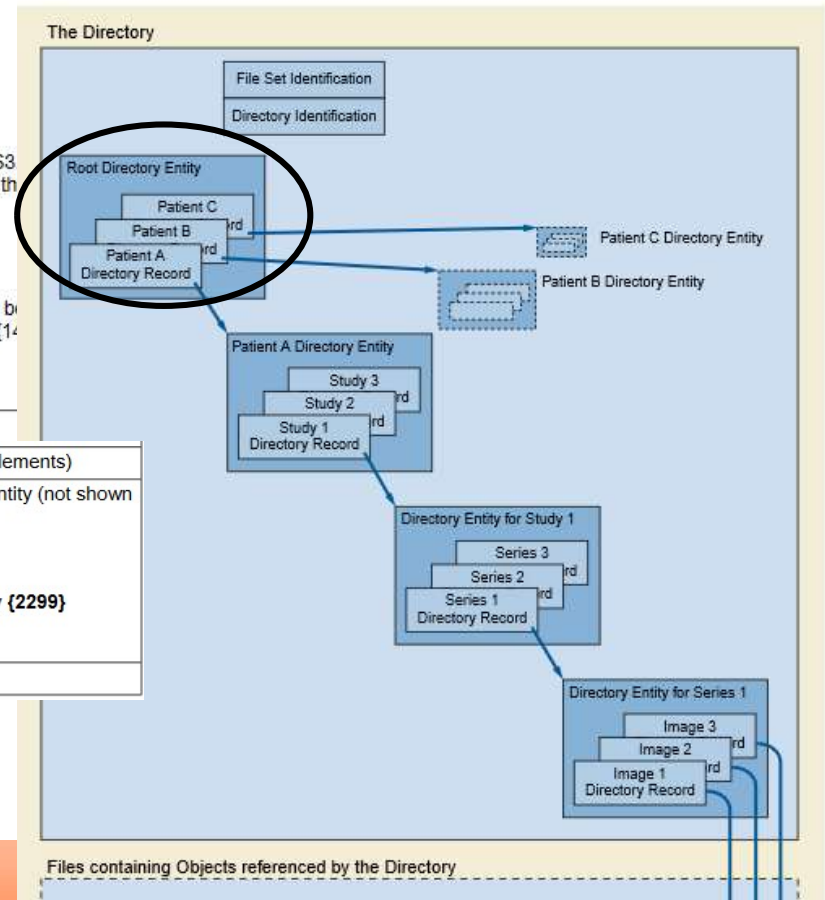
This Annex provides an example of a File content that is based on selected aspects of the example introduced in PS3 Directory Information Object. This is not a normative Annex. It is only an illustration, which is simply intended to help th understand the organization of a DICOM Directory stored in a DICOMDIR File.

A.1 Simple Directory Content Example

Table A.1-1 shows in a simplified manner, the content of a simple DICOMDIR File. Values of elements are noted by brackets (e.g., [1.2.840.10008.34.7.6]). Byte Offsets are shown by symbolic Values noted between brackets (e.g., {14

Table A.1-1. Directory Content Example

Meta-Info	128 bytes	File Preamble [all bytes set to 00H]
{1829} Item Tag	FFFE,E000	Item Data Element (includes the following Data Elements)
Study 1	0004,1400	Offset of the next Directory Record in Directory Entity (not shown in example)
Directory Record	0004,1410	Record In-use Flag [FFFFH]
	0004,1420	Offset of Referenced Lower Level Directory Entity {2299}
	...	
	0004,1430	Directory Record Type [STUDY]



JIRA – DICOM cmte

- **SWG-02** (propose CPs, Sups)
 - **#1 CP2148** (Clarify audit trail messages)
 - WG-14, Editorials, Audit trail message in PS3.15
 - **#2 Add multiple Dose Indexes in TID10002**
 - Related with Sup214 – Enhanced RDSR
 - Ex. in a dental study, several imaging techniques such as Intraoral X-ray, Panorama, Cephalo and Dental cone beam CT. Each image may have one or more different Dose Indexes.
 - **#3 CP1636** (Examples of Specific Character Set in Worklist)
 - To guide the way to use Specific Character Set (0008, 0005) correctly, PS3.2 should be modified.
 - Collaborating Chinese engineer how they're using both Pinyin (ex. Li) and Chinese Kangi (ex. 李) for Chinese patient's name.

JIRA – DICOM cmte

- SWG-07 (seminar)
 - Newbie seminar
 - Title: What to know about DICOM connection in site
 - Date, Fee,
 - Jul.2nd ,2021 PM, USD 30-80. 32guests
 - Contents
 - #1: Point to DICOM connection in site
 - #2: Basic DICOM
 - #3: Archive and Display images
 - #4: DICOM Conformance statement
 - Overall discussion
 - Feedback
 - Webinar (or hybrid style), Half-day
 - Easier and/or Advanced course

JIRA – DICOM cmte

- SWG-08 (education)

Medical Care Act Implementing Regulation has been effected on Apr. 2020. Hospital has responsible maintain safety management of radiation dose.

…Just Planning…

- JIRA Workshop (Joint project with JSRT)

- Title: Current Status of Dose Information Management in Medical Practice - Efforts by Manufacturers and Users
- @Kumamoto (Oct.15th, 2021) + online

- Contents

- #1: DICOM RDSR – Attributes of estimation of radiation dose
- #2: Difference from Irradiation and Exposure
- #3: Current status of radiation dose management in Medical site
- #4: Dose Information Management system using MWM in Medical Site
- Overall discussion

JAHIS - DICOM WG

- Routine activity
 - Investigate & Vote : CPs, Supps
 - Share the information about DSC, WG-13, 14, 26, etc. with JAHIS members
- Propose CP (typos of audit trail message)
 - Drafted CP and proposed it to WG-14 and WG-6 via JIRA CP-2148 “Clarify audit trail messages”

JSRT - Medical Informatics Division



The 49th Autumn Scientific Congress of the JSRT
October, 15-17, 2021, Kumamoto, Japan

= **Hybrid Event** (Online & Offline)

One team One goal
Liberate your imagination toward brilliant world

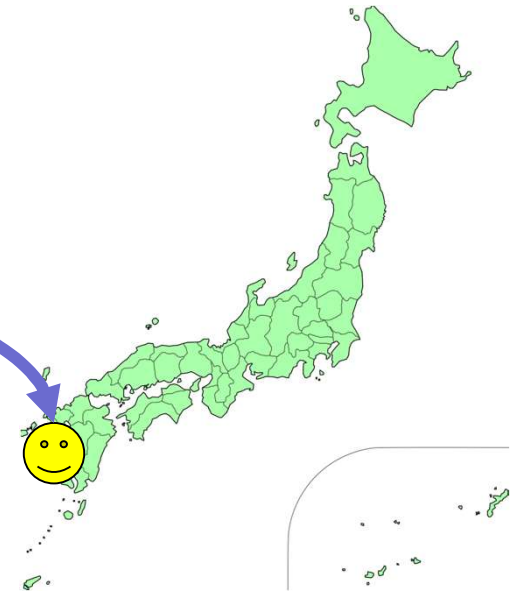
- ◆ Medical Informatics Division Symposium
- ◆ Educational Lecture
- ◆ JIRA Workshop



大会HP: <https://www.jsrt.or.jp/gmeeting/shuki49/>
主催: 公益社団法人 日本放射線技術学会 協賛: 一般社団法人 日本ラジオロジー協会



**KUMAMOTO is currently
preparing for the Congress.**



IHE – Japan

- Connectathon 2021
 - Oct.25-29, 2021 @Asakusa
 - Hybrid (Onsite + Online)
 - New program: Connectathon seal (digital product) on the IHE Integration Statement
 - Workshop
 - May.14th
 - Jul.6th – 8th
 - Participant
 - 32 systems (20 vendors) on Jul.20th

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

