

Report on Japan Activities

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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 2020

- Sub W/G Updates
 - SWG-01: follow CPs, Sups
 - SWG-02: propose CPs, Sups
 - SWG-03: follow DSC, WGs
 - SWG-04: translate DSC, WGs minutes
 - SWG-05: translate DICOM Standards
 - SWG-06: create De-Identified data sample
 - SWG-07: Seminar
 - SWG-08: Education
 - SWG-09: maintain web page in JIRA
 - SWG-10: Taskforce - patient name expression
 - SWG-11: HELICS^(*)
 - SWG-12: IHE Japan

- **SWG-01** (follow CPs, Sups)
 - CPack-107: Voted (Comments to CP1881, 2009, 2010 and 2018)
 - CPack-108: Voted
 - CPack-109: Preparing...
 - Sup221: Voted (Dermoscopy)
 - Sup212: Preparing (XA Protocol Storage)
 - Sup211: Preparing (DICOMweb application/ZIP)

JIRA – DICOM cmte

- SWG-02 (propose CPs, Sups)

- CP2020

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

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)

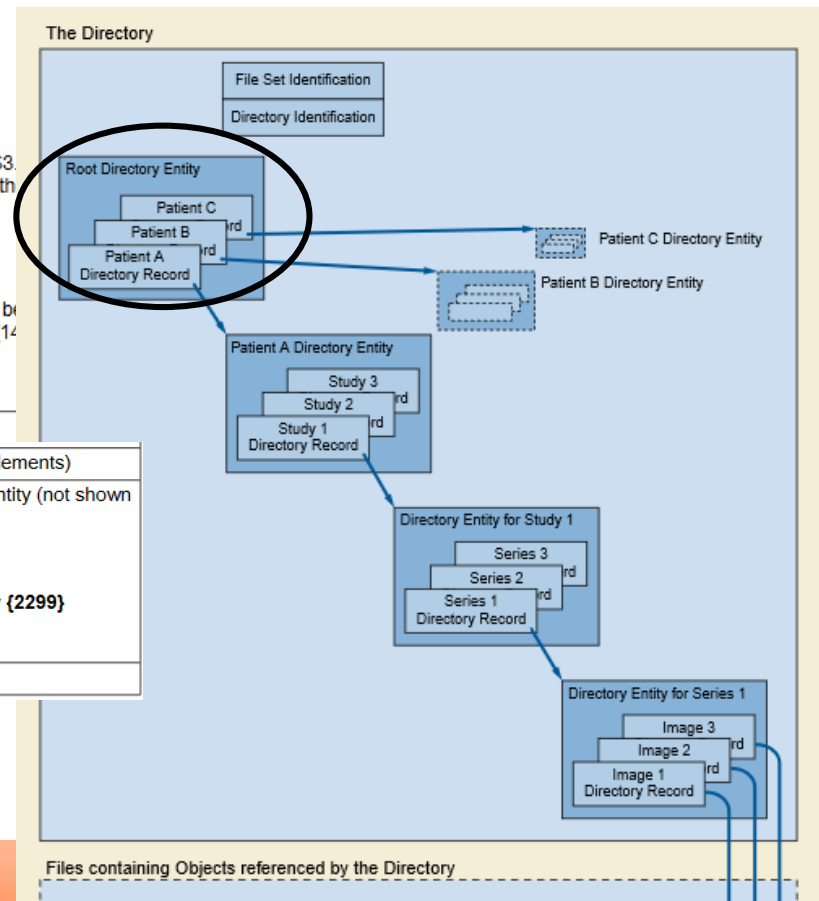
This Annex provides an example of a File content that is based on selected aspects of the example introduced in PS3. Directory Information Object. This is not a normative Annex. It is only an illustration, which is simply intended to help the understand the organization of a DICOM Directory stored in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

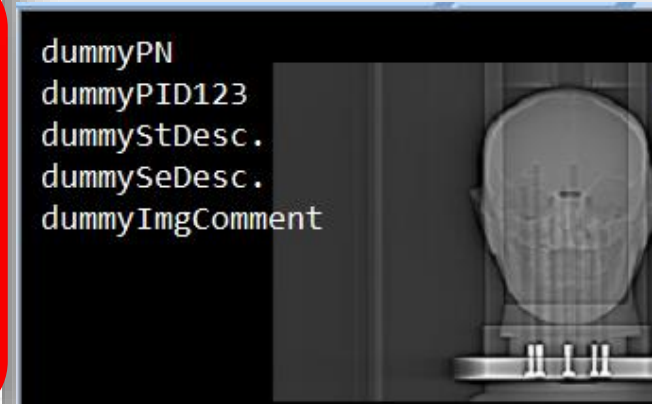
	Meta-Info	128 bytes	File Preamble [all bytes set to 00H]
{1829}	Item Tag	FFFE,E000	Item Data Element (includes the following Data Elements)
	Study 1	0004,1400	Offset of the next Directory Record in Directory Entity (not shown in example)
	Directory Record	0004,1410	Record In-use Flag [FFFFH]
		0004,1420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



JIRA – DICOM cmte

- SWG-06 (create De-Identified data sample)
 - Goal
 - Meet to
 - PS 3.15 E
 - Anonymization Technique Guide for Image Medical Systems
 - » JESRA(*) TR-0045-2018
 - Now
 - Anonymizing using action codes (D, Z, X, K, C..).

Group	Element	Description	VR	Size	Value
0008	0050	Accession Number	SH	24	SWG-06_Accession Number
0010	0010	Patient's Name	PN	22	SWG-06_Patient's Name
0010	0020	Patient ID	LO	18	SWG-06_Patient ID
0010	0021	Issuer of Patient ID	LO	28	SWG-06_Issuer of Patient ID
0010	0030	Patient's Birth Date	DA	28	SWG-06_Patient's Birth Date
0010	0040	Patient's Sex	CS	20	SWG-06_Patient's Sex
0010	1002	Other Patient IDs Sequence	SQ	FFFFFFFF	(Sequence Data)
0010	1010	Patient's Age	AS	20	SWG-06_Patient's Age
0010	1020	Patient's Size	DS	22	SWG-06_Patient's Size
0010	1030	Patient's Weight	DS	22	SWG-06_Patient's Weight



*: Japanese Engineering Standards of Radiological Apparatus

JIRA – DICOM cmte

- SWG-07 (seminar)

- PLAN

- 2 times, On-line
 - Focus on RDSR (Update 2020.)
 - General DICOM, Basic SR
 - Radiation Dose SR (X-Ray/CT)
 - (plus)R-RDSR / P-RDSR / CBCT

- DICOM Book Plus

- ISSUED!
 - Ch1. Dose (MPPS, RDSR, P-RDSR, RT-Dose)
 - Ch2. Monitor display, QA
 - Ch3. Security
 - Ch4. Report
- JPY 2,600

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



- **SWG-08** (education)
 - PLAN
 - JIRA Workshop
 - JRC2021 @Yokohama (Apr.15th-18th, 2021) + On-line
- **SWG-09** (maintain web page in JIRA)
 - DONE Upload translated documents
 - Published related seminar articles



- Routine activity
 - Investigate & Vote : CPs, Supps
 - Share the information about DSC, WG-13, 14, 26, etc. with JAHIS members
- Update JAHIS DICOM Image Guidance
 - for Pathology based on Standard 2019e (Done 2020.5)
 - for Endoscopy based on Standard 2018e (Done 2019.2)

「M.I Section seminar plan for 2020」

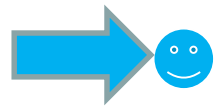


~~PACS Basic Seminar :~~

~~The 12th 2020/Oct/25(Tokyo)~~

~~Continuing lectures of basic and recent DICOM~~

→ **CANCEL**



PACS Basic Webinar

(in half the time)

2020/Nov/28

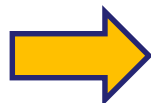
PACS Specialist Seminar : 2 times

~~The 27th 2020/Jul/12 (fukuoka)~~

~~The 28th 2021/Nov/22(chiba)~~

→ **CANCEL**

- Encourages Business Continuity Plan aftermath of recent natural disasters.
- Introduces the use of JJ1017



Medical Informatics Webinar

(Basic Lecture)

2020/Aug/22



- DONE Connectathon 2020

- Oct.19-23, 2020 @Asakusa
- 21 companies / 19 systems
 - Hybrid (On-Site + On-line)

– fee	member	non-member
	USD 3,990+880/sys ^(*)	USD 4,870+1,770/sys

- PLAN Connectathon 2021

- Oct.25-29, 2021 @Asakusa
- (unfixed) Hybrid (On-site + On-line)



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

