

EHR Interoperability and Lifecycle Model DSTUs – Incorporation in EHRS Functional Model Release 2 (Proposed)

HL7 EHR Interoperability WG

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Conjoining HL7 EHR/EHRS Models

Objectives

- Bring Common Focus to System Functionality and Record Interoperability
- HL7 EHR System Functional Model Release 2, incorporate key content from:
 - HL7 EHR Interoperability Model DSTU, Mar 2007
 - HL7 EHR Lifecycle Model DSTU, Feb 2008
- Agreed by EHR WG, Kyoto, May 2009

EHR Interop to EHR Functional Model

A-G: Assertions, Examples

EHR/IM Column	Current	Proposed
A	ID	Incorporate in new Draft Section Interop.1 (A, B, C, E, F)
B	Assertion/Characteristic	
C	Elaboration	
D	<Attribute Class>	Remove (now included in CDA R2 Reference Profile DSTU)
E	Example	Incorporate in new Draft Section Interop.1 (A, B, C, E, F)
F	Use Case Example	
G	Legal Record Requirement?	Coordinate with RM-ES Team In Table with B?

EHR Interop to EHR Functional Model

H-L: Conformance Criteria

EHR/IM Column	Current	Proposed
H-L	Conformance Criteria	Incorporate in new Draft Section Interop.2 (A, B, H-L)
H	Source EHR/Application	
I	Source EHR - Outbound	
J	Interchange Standard	
K	Intermediary Application	
L	Receiving EHR/Application	

EHR Interop to EHR Functional Model

M-O: Key Assurances

EHR/IM Column	Current	Proposed
M-O	Key Stakeholder Assurance	Incorporate in new Draft Section Interop.3 (A, B, M, N, O)
M	Patient (Record Subject)	
N	Record Author/Originator	
O	Record Recipient	

EHR Interop to EHR Functional Model

P-U: References, CDA R2

EHR/IM Column	Current	Proposed
P	Standards Reference	Include in EHR/FM References
Q	EHR/FM Reference	
R	Normative Clause	Remove
S	Progression	
T	CDA R2 Reference	Remove (now included in CDA R2 Reference Profile DSTU)
U	Testability Criteria	

EHR Lifecycle to EHRS Functional Model Recommendation

- Include entire EHR Lifecycle Model in separate FM Section
- Add Column to Direct Care, Supportive and Information Infrastructure
 - To denote which EHR Record Lifecycle event is likely triggered by each function or conformance criteria, as applicable
 - And reference corresponding Record Event Service (HL7 SAIF Alpha Project)

EHR Lifecycle to EHRS Functional Model

Use Case > Function > Event

