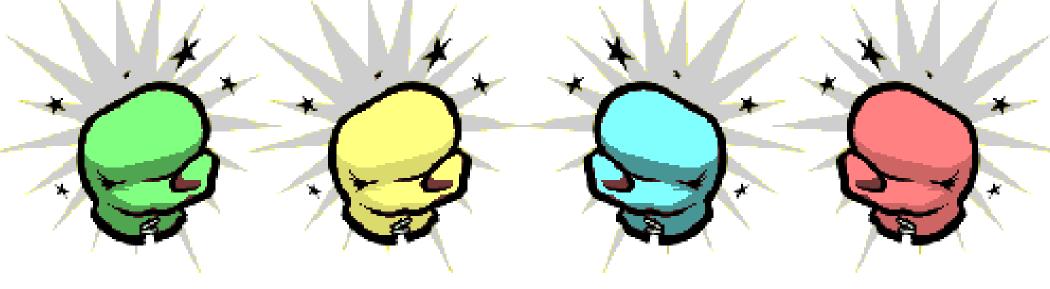# HL7 RIMBAA
in
Floridaa

January 2009 WGM
Disucussion sheets

Future Goals for RIMBAA WG from Vancouver WGM sept 2008

- Marketing - Public exposure of successes

- Sharing of experiences and solutions

  - e.g. RP/RO more future-proof than MP/MO

- Education - for newbies to RIMBAA

- Make vocab committee aware that OID changes, code removals, are very problematic for RIMBAA applications

- RIM was created with a messaging-mindset. If one views the RIM from an OLTP or DataWarehouse perspective, is there a delta, i.e. are there things that should be changed?

- Connectathon for exchange of data between RIMBAA applications

- Publish informative document best practices going from persistence layer to message/document.

A brainstorm type discussion about how RIMBAA applications fit within the HL7 SAEAF framework

- RIMBAA is a bit of an oddball implementers group, working on an area that's historically outside of the scope of HL7.. but is it really? It uses the products of the HDF like any of the supported "interoperability paradigms" - it'll be interesting to discuss the implications of including it within the scope of HL7 and its architecture framework.

- Should RIMBAA be part of the architecture framework? Is it already part of the framework?

- Should HL7 change its mission to be about application architectures? Why, or why not?

RIMBAA 2009

- P/EHR-S-FM gives Requirements
- SAEAF gives Architectural Framework e.g. for Service Contracts
- SOA/HSSP gives Service Specifications
- RIMBAA gives implementation examples and best practices
- All Model Driven

RIMBAA Reference Implementation

- What would this look like?

- What is the relationship with the EHR-SD RM (System Design Reference Model) and H-SOA-RA?

- Practical Guide for SOA in Health Care - A real-world approach to planning, designing, and deploying SOA

Database with ISO datatypes

- If we define the ISO datatypes as User Defined Datatypes - what are the advantages? How would this be combined with ORM solutions?
  - e.g. PQ with UCUM
  - CD with SNOMED CT to CTS

RIMBAA Connecthathon

- How to do a Connectathon?

- Or we could do a connecthathon.

- Can we test the exchange of serialized RIM-based instances between RIMBAA applications?

Promise 1

- Generated SQL database and mapping rules from v3 ballot artifacts

- Java SIG

- Nijmegen University Hospital - Ernst de Bel?

CDA R3; a CIM for SOA?

- Role of DCM and Templates in RIMBAA and SOA

- Can we create a SOA Common Information Model?

  - Michael vd Zel: We (UMCG) use something very similar to Clinical Document R-MIM, only with multiple entry points, more from the Clinical Statement, ergo DIM. Are there harmonisation efforts to update the Clinical Statement part of the Clinical Document with the Clinical Statement work done in PatientCare or StructDoc.

- See also Templates meeting on Friday Q1: Templates WG with PC o.a. CDA, Templates and RIMBAA !!!

Best practices generating code using the informative schemas

- For Java & .Net & others? (See discussion in the tooling list on "XML Binding Frameworks")

- Schema improvement project 2008NE (March?) - XML Binding Frameworks

- Have classes/CMETs extend each other. E.g. Observation extends Act, PatientLite extend PatientIdentified etc.

- Make this a joined effort with Xml schema enhancement initiative

Final System Components

- Clinical Data Repository (CDR)

- Detailed Clinical Models + Repository

- Terminology System (CTS)

- Business Rules Repository (incl. OCL) + Engine

- Common UI based / bound to DCM's

- Semantic SOA, Health Service Bus (Cloud?)

- CDA, ISO Datatypes R2

- Other HSSP Services

- Compliant with: EHR-S-FM, SAEAF

- New Tooling from MDA