CDA Template Publication/Validation using ART-DECOR®

Attachment WG Demo

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ART-DECOR® Tool Suite...

- ...is an open-source tool and a methodology for various multidisciplinary stakeholders of healthcare information exchange
- ...supports comprehensive collaboration of team members within/between governance groups
- ...supports creation, maintenance and federated sharing of HL7 templates (HL7 STU), value sets, and more
- ...has a built-in schematron engine to allow easy comprehensive validation and testing
Template Viewer / Editor

- Create / Maintain / Share 🌄 Templates + …
- Derive Artefacts:
  - Documentation
  - Validation/Testing
Validation of CDA

- ...directly derived from ART-DECOR Template + Value Set Definitions
- ...automaticly + manual additions

...works best with
- ART-DECOR built-in schematron engine
- IHE eHealth test framework for interoperability
Summary of Deliverables

- Documentation
  - HTML
  - PDF
  - Wiki
  - FHIR IG Resource

- Implementation
  - RESTful / Export

- Validation
  - Schematron

- Testing/Qualification
Publication Example: HTML
Specification Cycles

- ART-DECOR®
  - ...supports development of specification
  - ...publishes endorsed artefacts in various formats
  - ...supports implementation, testing, validation, certification
LIVE DEMO

• Development Phase
  1. View / refine Template
  2. Create validation environment
  3. Validate Instance
Thanks you

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