



The FHIR® Roadmap

**ART-DECOR®** 

**Tooling** 

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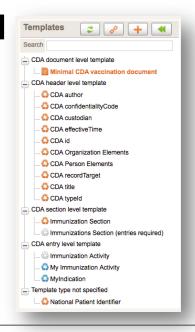
**Nictiz** 

**HL7 The Netherlands** 

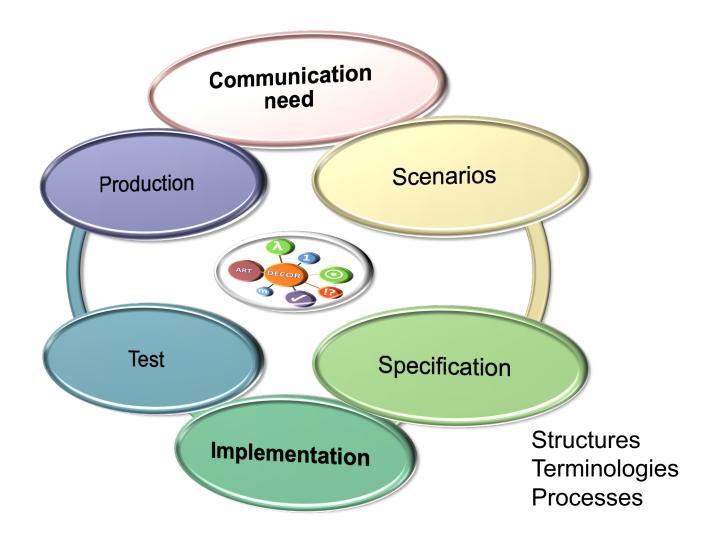
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#### ART-DECOR® Tool Suite...

- ...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



# Supporting the "Life" Cycle



3



### Functionality Overview

#### ART-DECOR® Project, Governance Group



data sets concepts value domains





scenarios use cases actors transactions



rules
instructions
constraints
validation
conditions





identification OIDs URNs



terminology
value sets
code
systems
terminology
associations



issues
description
status
trackings
assignments





Federated sharing through Building Block Repositories (BBR)

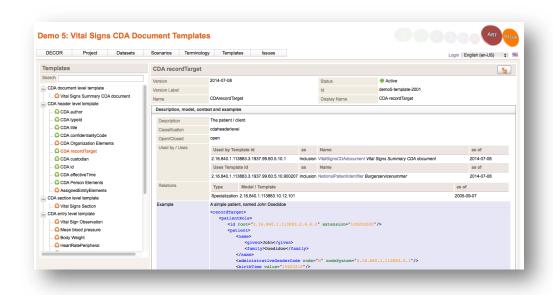
**ART-DECOR®** 



## Template Viewer / Editor

- Create / Maintain / Share Templates + ...
- Template Viewer for HL7's STU format
- Two Template Editors
- Derive Artefacts: Documentation,

Implementation Support, Validation/ Testing



#### ART-DECORs FHIR® Roadmap

- FHIR® Profile/Resource Viewer
- Multiple Exports from / Import to genuine **ART-DECOR** artefacts
- Collaboration with FHIR® Repositories
  - simplifier.net



FHIR® Terminology Services



- Participation at the first Terminology Connectathon
- FHIR® Implementation Guide Resources
  - Using it for FHIR® and CDA IGs



■ FHIR® Profile **Editor** 



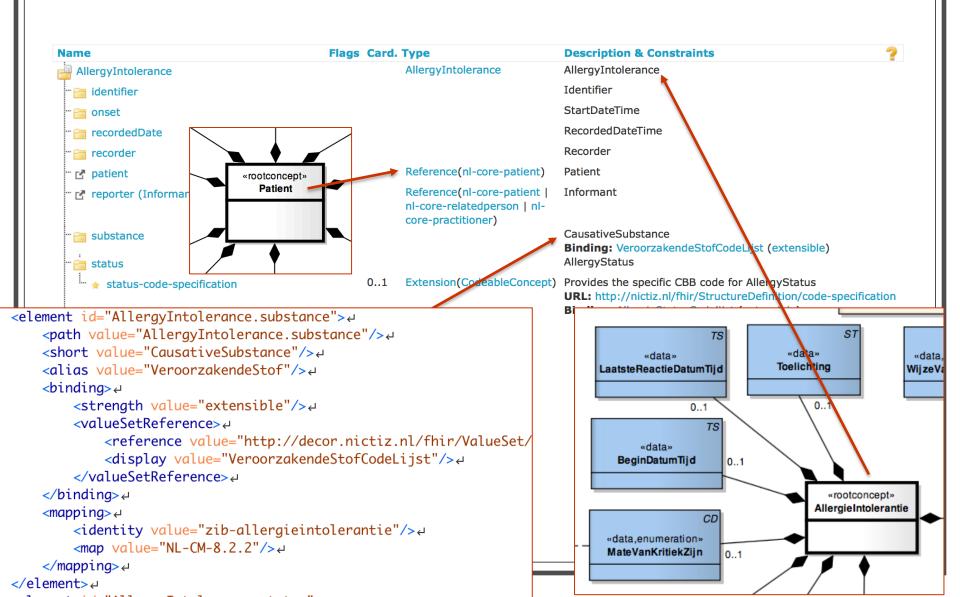
not planned

## ART-DECOR's FHIR® Roadmap

Editor, Value Set Editors, **Front** Editor, Mappings Mappings Mappings end Concept Codes Identifiers ART-DECOR backend FHIR features Logical **Naming** Concept Structure Models Maps System **Definitions** Value FHIR® Conformance Resources Sets

Terminology Server

#### Logical <> StructureDefinition



### Thus: things on the road

- More FHIR integration
- Terminology Services
- Issue and version management
- Diff functionality for ART-DECOR artifacts

- Organizational
  - ADOT: ART-DECOR Open Tools
- Question: FHIR validation and testing

9

#### Thank you

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