

Toward a Shared Guideline Representation



Agenda for Clinical Guideline SIG

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amended after meetings of 1/10-1/12/01

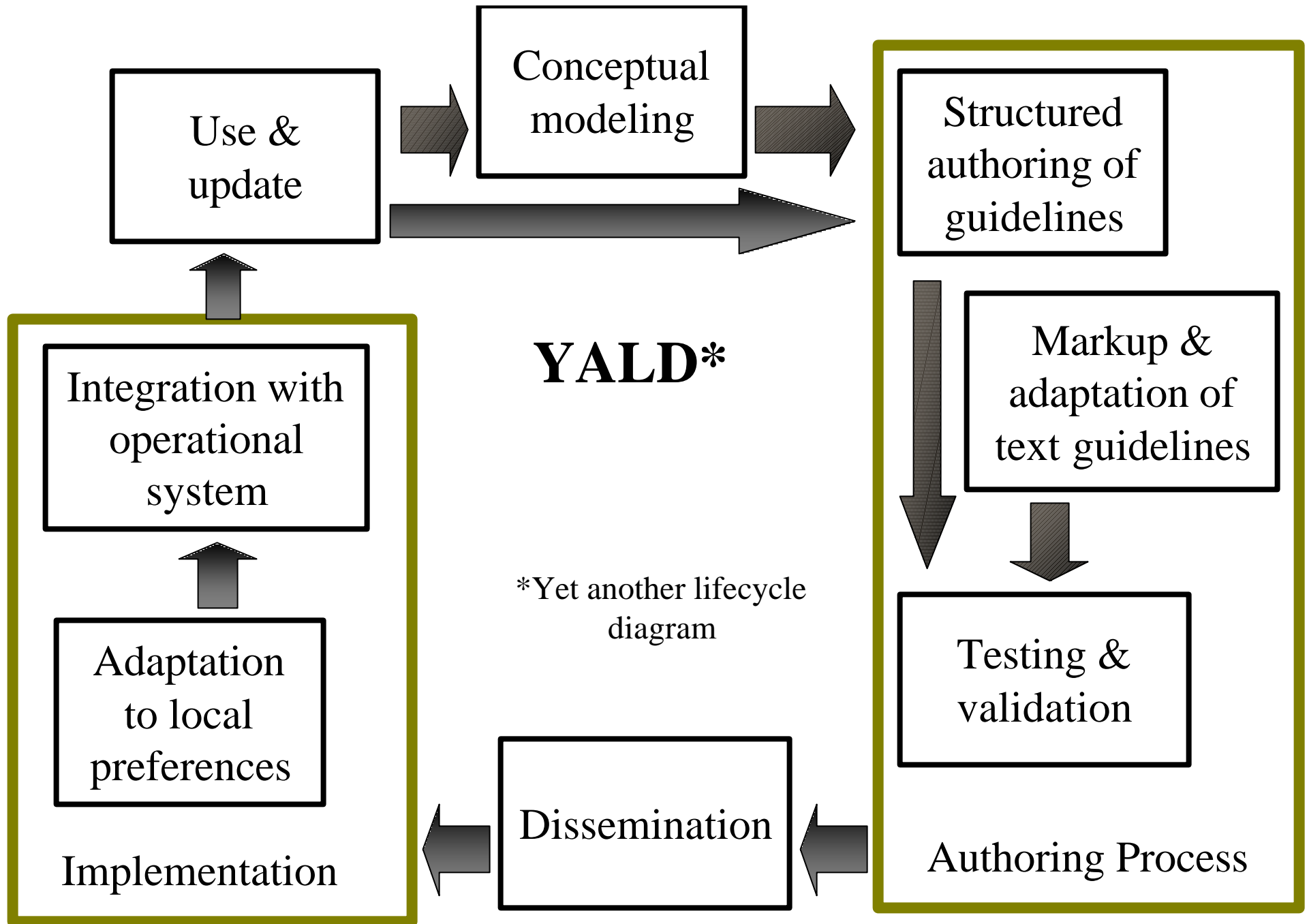
Goals & objectives



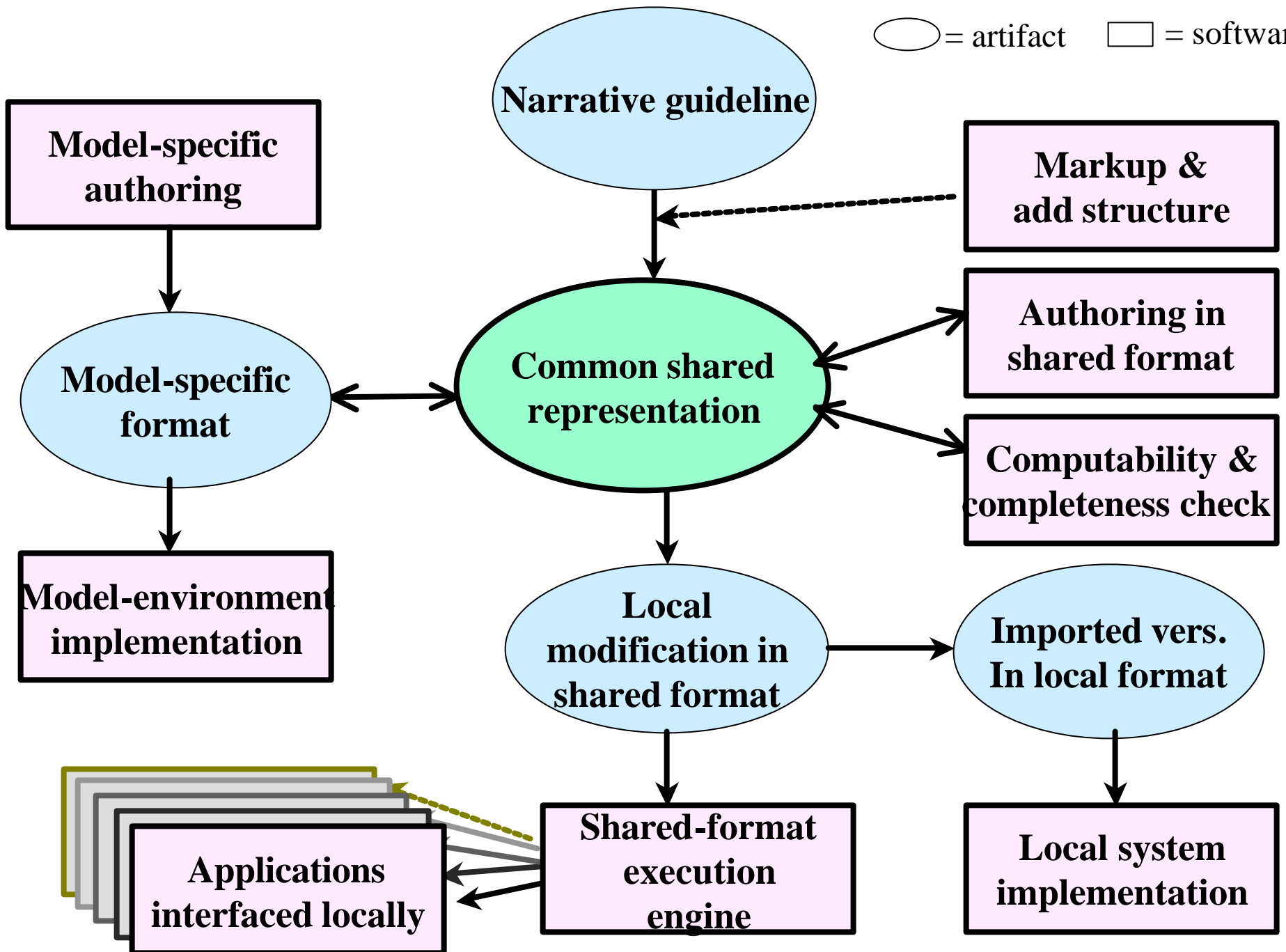
⌘ Overall: Facilitate availability and use of high quality guidelines in clinical practice

⌘ Specific:

- ☑ Define common representation & dissemination formats
- ☑ Support functional requirements of major stakeholders
- ☑ Define requirements for infrastructures, tools
- ☑ Education -- use cases, docs, workshops
- ☑ Support collaboration and refinement



○ = artifact □ = software



Potential SIG Tasks



⌘ Specification

- ☑ functional requirements, clinical trial needs, model/representation, infrastructure/tools

⌘ Distribution

- ☑ software & publications library ? open software, demos/prototypes, links to resources

⌘ Education

- ☑ workshops, documentation, use cases

⌘ Collaboration

- ☑ discussion lists, working groups, harmonization, projects

Suggested priorities for near-term activity - 1

- ⌘ Engagement of stakeholders - vendors, guideline developers, end users, govt agencies
 - ☑ HL7 publicity re: next meeting and projects
 - ☒ P. Johnson, B. Greenes to do
 - ☑ Interface with Medem, Medbiquitous
 - ☒ John Dulcey to explore
 - ☑ AMIA tutorial, workshop, on CDS
 - ☒ R. Jenders, Aziz Boxwala, Mor Peleg to explore

Suggested priorities for near-term activity - 2



⌘ Engagement of stakeholders - vendors, guideline developers, end users, govt agencies - cont'd

☐ AMIA panel

☒ I. Purves, B. Greenes, C. Broverman, B. Dolin/R. Shiffman

☐ MEDINFO

☒ Neill Jones to explore whether panel can be added

Suggested priorities for near-term activity - 3



⌘ Compilation of apps by vendors to identify functional requirements, use cases, sample guidelines, vocabularies used

☐ deferred until more vendors participate

⌘ Establishment of distribution lists, working groups

☐ R. Jenders to follow up that SIG lists get set up

☐ each participant to go to HL7 site to subscribe

⌘ Open workshop for stakeholders

☐ defer for now

Suggested priorities for near-term activity - 4

⌘ Representation standards

- ☑ Flow chart view standard - “boxology”
 - ☑ Agreeing on what should be at each level
 - ☑ Relation btw knowledge and doc views
 - ☑ Define attributes of specific kinds of steps
 - ☑ Focus on human readability and generic elements first
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- ☒ Samson Tu, Peter Johnson, Rick Shiffman, Aziz Boxwala, Sharon Smalt, John Dulcey, Pat Lyons, Carol Broverman, Mike Jones

Suggested priorities for near-term activity - 5



⌘ Demos library seeded with prototype authoring, server, navigation/browsing, validation, term mapping, and execution engine tools

☐ defer

Suggested priorities for near-term activity - 6

⌘ A focused project on eligibility

- ☑ Guideline retrieval based on eligibility criteria-limited or no execution
- ☑ Use cases, e.g., problem-list-based, triggered by results, provider-initiated, data mining
 - ☑ Will provide immediate benefit to many vendors, of value before full guideline rep. standard exists, will force agreement on expression language & interface to RIM, terminology, and ACT services
- ☑ Find sources, pieces that exist elsewhere

Suggested priorities for near-term activity - 7



⌘ A focused project on eligibility, cont'd

☑ Identify potential corpus (corpora), vocabulary, define project

☑ Neill Jones, John Gennari, Lucila Ohno-Machado, Herbert Kaizer, Carol Broverman, Samson Tu, Bob Greenes

⌘ Look at collaborative tools and doc management to facilitate projects

☑ Matt Sailors, Neill Jones, Bob Greenes

Joint TC activities



- ⌘ Expression/criterion language
- ⌘ Terminology services interface
- ⌘ Get/put interface
- ⌘ Act interface
- ⌘ Patient/provider DSS status info