

Title of session: What and how can we improve documentation and workflows?

Day: Day 2 Session 1

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Chair: Jon Johnson

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Structured reusable documentation

- some missing information at the class level that could be incorporated in the XMI process
- could incorporate these additional explanatory notes, and examples into the documentation at the class level
- How granular should the documentation be?
- tag existing things with markdown or incorporating information into Drupal (not that important just capturing this conversation)
- we need a new way to incorporate documentation into the functional views and classes as we do for the high-level documentation workflow
- need to be able to create different types of documentation
- class level documentation individual granular elements are representing
- tagging is a possibility at the granular level
- index pages could be generated in order to bring together all the properties of a class (documentation)
- Package > Index > Class > Documentation Elements
- combining standardized headings into XMI

Issues

1. full export of all class elements into XMI
 2. Mechanism for documenting recommended and excluded class-level documentation from functional views and for different audiences
- suggested tagging approach Figure 1.2

Class-level documentation

Figure 1.2 Structured reusable documentation inclusions for the DDI 4 model

Field	Output	XMI fields	Type
Name	Y	Y	M
Package	Y	Y	T
Extends	Y	Y	T
Is Extendable	N	N	
Is Property	N	N	

Status	N	N	
Stage	N	N	
Version*	Drupal versioning Y	?	M
DDI 3.2	Y	N	TL
GSIM	Y	N	TL
RDF Mapping	Y	N	TL
Contributor	N	N	
Definition	Y	Y	M
Example	Y	N	M
Synonyms	Y	N	M
Explanatory Notes	Y	N	M
Overage Image	N		
Properties*	Y	Y	M
Relationships*	Y	Y	M
PackageDescriptionName	Y	Y	M
FunctionalView	Y	Y	M

In green – include under Definition field in the XMI (model)

M – Mandatory

T - Technical

TL - Technical Lite

Properties* & Relations* at the class-level

Audience	Types
Ourselves (Moving Forward)	everything
Deciders	M – High level
Developers	Technical, M
Documenters	M + T Lite

Researchers	M
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3. Identify the documentation fields that should be added, changes, incorporated at the class input level (DRUPAL)

HL
FV
CL
UCases