Specification of issues to improve the usability of Lion

DOC Issue Tracker: <https://ddi-alliance.atlassian.net/projects/DOC/issues>

Lion Issue Tracker: <https://github.com/ddialliance/lion/issues>

# Alternation of Class View/Edit Page

Add flag to a package that signifies that it is a Pattern

**DOC-6**  **Time est: ½ day** *should not be difficult to do using the current graph (huge graph)*

View image of a class page should include all the information found on Edit page in addition to Properties and Relationship. These should be included whether they contain content or not:

* Name
* Package
* isAbstract
* Extends
* isExtendable
* isProperty
* Status
* Stage
* Version
* DDI 3.2
* GSIM
* [other mappings as added]
* RDF Mapping
* Contributor
* Definition
* Example
* Synonyms
* Explanatory Notes

# AUTOMATIC FILL OF CONTENT:

**DOC-29/LION 30**  **Time est: ½ day** *This one should be easy and can be done via configuration (no coding needed).*

Standard properties should support an automated fill of the content with the ability to edit documentation to provide ADDITIONAL use specific documentation (retaining standard content). For example:

* Property: enter “name” autofill the following:
	+ DataType: Name
	+ Cardinality: 0..n
	+ Documentation: [standard content]

https://ddi-alliance.atlassian.net/wiki/download/attachments/37552132/Standard\_Properties\_Available\_for\_All\_Classes.pdf?version=1&modificationDate=1466546156136&cacheVersion=1&api=v2

**RELATED UNFILED Time est: 2-4 days** *Complex and hard to understand feature, could take several days to do and one or more to test and evaluate***.**

Provide an auto-fill for extension base, properties, and relationships for all abstract pattern classes.

One approach may be to limit a pull down list of Pattern Classes when the relationship name “realizes” is entered. Result of selecting a pattern class would be inclusion of all content noted above with the ability to edit the content (constrain the Target Class, restrict cardinality, edit documentation).

Note that a class may realize more than one pattern so that duplication of content should be avoided.

# Alteration of Images

**DOC-11 Time est: ½ day**

Assign a specific line/arrow color to each relationship type (Extension, Association, Composition, Neither) – while these have different arrow types they often overlap each other and are difficult to differentiate. Color would make this basic relationship information clearer.

**DOC-12**  **Time est: 1-2hours** *(can only be done in the svg image)*

Add a link to classes from external packages so that the class information can be opened and explored easily

**RELATED UNFILED**  **Time est: ½ day**

Simple box image of classes linking INTO a class in a package similar to those linking OUT of a class in a package

# Lower Priority

**DOC-9**  **Time est: 1-4 days** *depending on how well built the solution for functional views are implemented. Depends on “Specification for a Functional View Edit Page”, could be quite complex to do but doable.*

Add diagrams to Functional Views. This may be too time consuming to do. If not, we should add documentation to the Functional Views creation document that recommends viewing the documentation produced for the Functional View from the nightly build. This delays viewing but could be useful as a validation check for orphan classes.