Identification/Annotation Usage

Currently DDI 4 has the following Identification structures:



* Identifiable is used to identify objects for the purposes of internal and/or external referencing. Elements of this type are versioned, but contain no information on the nature of the versioning.
* AnnotatedIdentifiable extends Identifiable by adding administrative content on the details of the versioning, local/alternative identification, and intellectual source of the object. It also supports annotation of the object.
* Any Identifiable object could also contain the relation hasAnnotation.

Therefore classes could present the following options:

|  |  |  |  |
| --- | --- | --- | --- |
| **Class Type** | **hasIdentification** | **hasAdministrativeContent** | **hasAnnotation** |
| ComplexDataType | No | No | No |
| [illogical]1 | No | No | Yes |
| [illogical]2 | No | Yes | No |
| [illogical]1,2 | No | Yes | Yes |
| Identifiable (extension base) | Yes | No | No |
| Identifiable (extension base) with hasAnnotation | Yes | No | Yes |
| [Not supported] | Yes | Yes | No |
| AnnotatedIdentifiable (extension base) | Yes | Yes | Yes |

1Providing an annotation for the purpose of citation assumes that the object can be identified

2Providing an administrative content assumes that the object is managed and can be identified

Question: What defines a use-case for containing Administrative Content?

* Is this differentiation simply a hold-over from DDI-Lifecycle where an Identifiable has an Agency and Version but the first is inherited from the parent Maintainable and the second from the parent Versionable?
* Is there a differentiation between an object which needs a DDI Identification (Agency:Identification:Version) and one that is actively managed needing provenance and other administrative content?

Question: What defines a use-case for having Annotation?

* The class contains intellectual content that can be assigned to a creator (i.e. capturing the name of an individual and their contact information may not reflect intellectual effort, while the creation of an Agent Registry might. The same with a Code and a CodeList.)

Question: What defines a use-case for having Identification?

* An object whose content can serve as a Member of a Collection
* An object whose content may be related to multiple objects (and/or classes)

Question: Is there a use case for a subset of classes that have Identification and Administrative Content but no annotation?

Question: Should an Annotation be Identifiable? It was done so that a number of individual objects could use the same Annotation. However, wouldn’t each object have a separate Title? Also, if it is a collective Annotation, shouldn’t it be at the collection level? How “reusable” is an Annotation?

REFERENCES:

<http://lion.ddialliance.org/ddiobjects/Identifiable>

<http://lion.ddialliance.org/ddiobjects/AnnotatedIdentifiable>

<http://lion.ddialliance.org/ddiobjects/annotation>

DMT-80: Usability over reusability; fundamental questions about DDI 4 <https://ddi-alliance.atlassian.net/projects/DMT/issues/DMT-80?filter=allissues>

DMFQA-70: Overuse of AnnotatedIdentifiable [contains 2 attachements: IndieficationUsage.xlsx and Overuse of AnntatedIdentifiable.docx] <https://ddi-alliance.atlassian.net/projects/DMFQA/issues/DMFQA-70?filter=allissues>

Development Review Report: Q1 2015 Development Review – Technical Committee – 2016-03-10 [see Table: Issues for TC to review on next development release, Issue 70 ] [https://ddi-alliance.atlassian.net/wiki/display/DDI4/Technical+Committee?preview=/491555/22151197/Development%20Review%20Report\_FINAL.docx](https://ddi-alliance.atlassian.net/wiki/display/DDI4/Technical%2BCommittee?preview=/491555/22151197/Development%20Review%20Report_FINAL.docx)