EDIT - bug #7223

ReferenceEditor: disable fields depending on the Reference type

01/26/2018 02:02 PM - Andreas Kohlbecker

Status:	Closed		**Start date:**	
Priority:	Highest		**Due date:**	
Assignee:	Andreas Kohlbecker		**% Done:**	100%
Category:	cdm-vaadin		**Estimated time:**	0:00 hour
Target version:	Release 5.1			
Severity:	normal		**Found in Version:**	

Description

e.g.: hide authorship if type = journal

The Taxonomic Editor behaves the same but the information which field to show for which ReferenceType is quite distributed The method void eu.etaxonomy.taxeditor.ui.section.reference.ReferenceDetailElement.createControls(ICdmFormElement formElement, Reference entity, int style) is a good starting point when you are interested into investigating this implementation.

The needed information can be retrieves from the Reference interface:

IPublicationBase:

- publisher
- placePublished
- doi

IReference:

- URI
- DatePublished
- abbrevTitle
- title
- authorship
- type

IVolumeReference:

- volume

ISection:

- pages
- inReference

IPrintedUnitBase (IPublicationBase, ISection, IVolumeReference):

- inSeries -> inReference
- editor
- seriesPart

IArticle (ISection, IVolumeReference):

- seriesPart
- inJournal -> inReference
- inJournal -> inReference
- doi

IBook (IPrintedUnitBase):

- Edition
- Isbn

IBookSection (ISection):

- inBook --> inReference

InProceedings (ISection):

- InProceedings -> inReference

IJournal (IPublicationBase):

- seriesPart
- inJournal -> inReference
- doi

IPrintSeries (IPublicationBase):

- publisher
- placePublished
- Doi

IThesis:

- school (Institution)

Related issues:

Related to EDIT - task #7479: consider a cleaner implementation of adaptive r...	**New**
Related to EDIT - bug #7480: ReferenceEditor misses institution, organization...	**Closed**
Related to EDIT - feature request #7655: References Editor: book section offe...	**Duplicate**
Related to EDIT - bug #7913: Remove authorship from IJournal and IPrintSeries	**Closed**
Related to EDIT - feature request #7914: Add ISBN to IProceedings	**Closed**
Related to EDIT - bug #7915: Remove date published from journals and print se...	**Closed**
Related to EDIT - feature request #7982: [Rule] Validate correct usage of ref...	**New**
Related to EDIT - bug #7953: Book in BookSeries: incomplete titleCache misses...	**Feedback**
Copied to EDIT - task #7918: Revision of reference type specific properties	**Closed**
Copied to EDIT - feature request #8255: Unify ReferencePropertyDefinitions an...	**New**

Associated revisions

Revision 892ffbab - 06/15/2018 02:17 PM - Andreas Kohlbecker

ref #/7223 ReferencePropertyDefinitions provides field and property name information per reference type

Revision f7882bff - 06/15/2018 03:27 PM - Andreas Kohlbecker

ref #7223 implementing adaptive field visibility for ReferenceEditor

Revision 3ae8a2bb - 06/15/2018 04:13 PM - Andreas Kohlbecker

ref #7223 ReferencePropertyDefinitions documentation and fixing field name

Revision 3a229ea1 - 06/15/2018 04:13 PM - Andreas Kohlbecker

ref #7223 ReferencePropertyDefinitions adding Proceedings and code cleaning

Revision 9b9ce4a5 - 06/15/2018 04:50 PM - Andreas Kohlbecker

ref #7223 ReferencePropertyDefinitions adding Journal which has been lost in last commit

Revision 761df07f - 06/15/2018 04:50 PM - Andreas Kohlbecker

ref #7223 fixing most severe layout issues

Revision e2da4a33 - 07/20/2018 10:06 PM - Andreas Kohlbecker

ref #7223 improving the layout for all reference types by implemetning a real adaptive layout

Revision c088e4b3 - 07/24/2018 09:12 AM - Andreas Kohlbecker

ref #7223 add in null case to ReferencePropertyDefinitions to provide all possible fields

Revision c397c928 - 11/19/2018 04:50 PM - Andreas Kohlbecker

ref #7223 fixing field visibility of various reference types

Revision 7e48a212 - 11/21/2018 04:44 PM - Andreas Kohlbecker

ref #7918 harmonizing ReferencePropertyDefinitions with updated reference interface hierarchy and hiding date pulished when not needed

Revision 08446924 - 11/22/2018 11:42 AM - Andreas Kohlbecker

ref #7223 hiding publication date field by reference type

Revision 46f7b66d - 01/20/2021 03:12 PM - Andreas Kohlbecker

ref #7223 proper definition of IPersonalCommunication in ReferencePropertyDefinitions

History

#1 - 02/15/2018 02:57 PM - Andreas Müller

- Target version changed from Release 4.14 to Release 5.0

#2 - 04/24/2018 11:45 AM - Andreas Kohlbecker

- Tags set to phycobank

#3 - 05/16/2018 11:20 AM - Andreas Kohlbecker

- Target version changed from Release 5.0 to Release 5.1

#4 - 06/08/2018 05:59 PM - Andreas Kohlbecker

- Priority changed from New to Highest

#5 - 06/15/2018 11:55 AM - Andreas Kohlbecker

- Description updated

#6 - 06/15/2018 11:56 AM - Andreas Kohlbecker

- Description updated

#7 - 06/15/2018 11:58 AM - Andreas Kohlbecker

- Description updated

#8 - 06/15/2018 11:59 AM - Andreas Kohlbecker

- Description updated

#9 - 06/15/2018 01:11 PM - Andreas Kohlbecker

- Description updated

#10 - 06/15/2018 02:19 PM - Andreas Kohlbecker

Hi all,

the ReferencePropertyDefinitions would also be useful for the taxeditor to unclutter ReferenceDetailElement.createControls(...) and other related code. (see #7479)

Andreas

#11 - 06/15/2018 03:36 PM - Andreas Kohlbecker

- Related to task #7479: consider a cleaner implementation of adaptive reference field visibility added

#12 - 06/15/2018 03:38 PM - Andreas Kohlbecker

Now that the fields are switched visible and unvisible it turns out that this can cause layout problems. These need to be solved before this issue can be closed.

#13 - 06/15/2018 03:38 PM - Andreas Kohlbecker

- % Done changed from 0 to 30

#14 - 06/15/2018 04:54 PM - Andreas Kohlbecker

- Status changed from New to Resolved

- Assignee changed from Andreas Kohlbecker to Wolf-Henning Kusber

- % Done changed from 30 to 50

The layout works again. Even if there is still a lot of potential for improvements I think that this issue is solved and that it can be closed.

@Henning: Could you please do the review of this improvement to the ReferenceEditor?

#15 - 11/02/2018 02:53 PM - Wolf-Henning Kusber

- Assignee changed from Wolf-Henning Kusber to Andreas Kohlbecker

Reference Editor of Vaadin (2018-11-02) in square brackets: Differences in the TaxEditor

Article
Date published: ok
Title: ok [TaxEditor: also a nomencl. Title is given, in a few cases in TL2 there is an abbreviated title is given]
Authors: ok
In-reference: ok
Series: not sure if needed. Is there a use case? [TaxEditor: also available, ask other projects if needed]
Volume: ok
Uri: ok
MISSING IN VAADIN: DOI [also missing in TaxEditor, this seems to be an issue]

Journal
Date published: needed for the runtime of a journal? E.g. 1945-1990??
Title: ok
Nomenclatural title: ok
Authors: NOT NEEDED [also available in TaxEditor]
In-reference: NOT NEEDED [not in TaxEditor]
Place published: ok (but changes often in the runtime)
Publisher: ok (but changes often in the runtime)
ISSN: ok (nice to have: two fields for print and e-journal, respective)
DOI: In VAADIN NOT NEEDED [not in TaxEditor]
Uri: ok

Book section (Layout in Vaadin narrow)
Date published: just needed, if parts of a book are printed independently
MISSING: Title [available in TaxEditor]
Authors: ok
In-reference: ok
Pages: ok
URI: ok
MISSING: DOI [also missing in TaxEditor, this seems to be an issue]

Book
Date published: ok
Title: okay
Nomenclatural title: ok
Authors: ok
In-reference: ok [in TaxEditor "In Series"]
Series: (Discuss: isn't In-reference the right place to store and select a series, rather than in a string?) [also available in TaxEditor]
Volume: ok
Pages: ok
Edition: ok
Place published: ok
Publisher: ok
Editor: ok (discuss: person/team atomized?) [same in TaxEditor]
ISBN: ok (nice to have: two fields for print and e-journal, respective)
DOI: ok [MISSING in TaxEditor, this might be an issue in future]
Uri: ok

Inproceedings (might be renamed as Proceedings section)
Date published: just needed, if parts of a book are printed independently
Title: ok
Authors: ok
In-reference: ok
Series: NOT NEEDED [also available in TaxEditor]
Pages: ok
DOI: ok
URI: ok [MISSING in TaxEditor, this might be an issue in future]

Proceedings

See Book, except for "Edition" but two editions of proceedings cannot be excluded…
ISBN: [MISSING in TaxEditor]

Printseries
Date published: needed for the runtime of a print series? E.g. 1945-1990??
Title: ok
MISSING: Nomenclatural title
Authors: needed? Maybe in a special case
In-reference: Maybe for a print series within a print series?
MISSING Edition: Discuss: this might be useful, if there are editions of print series, such as Adolf Engler's Syllabus, do not know if we really need this.
Place published: ok
Publisher: ok
Editor: ok (discuss: person/team atomized?)
ISBN: ok (nice to have: two fields for print and e-journal, respective) [MISSING in TaxEditor]
DOI: NEEDED? [not in TaxEditor]
Uri: ok (but changes often in the runtime)

Thesis
Okay, except of MISSING: School [see TaxEditor]
Discuss: A thesis is an effectively published book (see book) or a not effectively published book, an Internet resource, or a microfiche. How to deal with this? Should the Reference type called "Thesis (not effectively published)? If not, we need a "not published" flag, if applicable a text field for the reason. The thing is, that any thesis has a date, a place, sometimes a publisher, even it is not published effectively. This is important, because a lot of novelties have been printed in not effectively published theses. Alternatively we could leave "Thesis" as is, and flag each nomenclatural act as invalid with reference to the respective provisions of the ICN, that this was not effectively published. In Vaadin "School" might be stored under Publisher.

#16 - 11/19/2018 04:51 PM - Andreas Kohlbecker

- Related to bug #7480: ReferenceEditor misses institution, organization and school fields added

#17 - 11/19/2018 04:55 PM - Andreas Kohlbecker

except of the institution, organization and school fields which are handled in [#7480](#) all issues named in this ticket should be fixed. There are furthermore some fields which need further discussion, but this is a topic for the cdm in general and should not block us from closing this issue. A new ticket should be opened if needed.

#18 - 11/20/2018 09:18 AM - Andreas Kohlbecker

- Related to feature request #7655: References Editor: book section offers title field added

#19 - 11/20/2018 02:55 PM - Andreas Müller

Some notes on the above:

DOIs: are available but just not implemented yet #3767

Date published for Journals and Printseries: Date published is NOT meant for the runtime but for an exact date when a publication was published or a period if this date can not be defined exactly. I do not see the necessity of having a "runtime" attribtue but if needed we should use another attribute due to the different semantics. But as we are not a reference managing tool I think there is no need for this.
The methods will be removed from the according interfaces.

Journals Authors: not needed, I agree, will be removed from the interface

Book Series: (Discuss: isn't In-reference the right place to store and select a series, rather than in a string?): often you only have information like "ser. 2". The CDM philosophy is that a book should always be a possible endpoint in the reference hierarchy holding all informations needed for correct formatting. PrintSeries might only be an additional possiblity to group books together. This is also for performance reaons as otherwise you may need to initialize up to 4 references to format a single reference.

Editor: ok (discuss: person/team atomized?): this is under discussion in CDM, not yet sure if it will be implemented, but maybe it will

ISBN: correct handling of multiple ISBN definetly needs further discussion as references may have multiple ISBN, and especially the ISBN for the e-Version is an important issue

Print Series - Edition : Not needed, can be handled via title as print series is anyway only meant for grouping publications and not for formatting.

Uri: currently available for most types but will be removed in future except for websites (and maybe databases). Links to online available references should not be stored in URI but in the new "ExternalLink" which will be related as a collection of external links available for this publication. This is because there might be multiple links available for the same reference and it also allows a description what exactly stands the link for. Currently this is already available for the OriginalSource class to link to sources (e.g. single pages in a reference).

InProceedings - Series: Correct, that this is not needed. Also it is not available in the IInProceedings interface so I wonder how it made it's way into the TaxEditor. Please remove.

Proceedings - ISBN: correct, this is missing as proceedings are not inheriting from IBook though they are mostly books, I added ISBN to IProceedings

PrintSeries - Nomenclatural title: not necessarily needed for formatting, but nice to have; it is already available in IPrintSeries via inheritence from

IReference, so we should implement it in TaxEditor

PrintSeries - authors: rejected, this is not needed and may lead to confusion, should always be stored with the concrete publication (book, article, ...)

Print-Series: In-reference: no need, leads to confusion

#20 - 11/20/2018 03:19 PM - Andreas Müller

- Related to bug #7913: Remove authorship from IJournal and IPrintSeries added

#21 - 11/20/2018 03:26 PM - Andreas Müller

- Related to feature request #7914: Add ISBN to IProceedings added

#22 - 11/20/2018 03:57 PM - Andreas Kohlbecker

The notes added in comment 19 should go into a separate taxeditor ticket since this ticket here is mainly focused on the vaadin reference editor.

I think it is also worth mentioning the class eu.etaxonomy.cdm.model.reference.ReferencePropertyDefinitions which has been created to allow UIs to adapt to ReferenceType changes dynamically. The ReferenceType specific interfaces like IJournal, ... , are not very useful in this context and are actually not used at all except for the methods in the Reference class. Maybe we should consider to remove these interfaces.

#23 - 11/20/2018 05:33 PM - Andreas Müller

- Related to bug #7915: Remove date published from journals and print series added

#24 - 11/20/2018 05:34 PM - Andreas Müller

Maybe we should also remove DOI from journal and print series.

#25 - 11/20/2018 06:01 PM - Andreas Müller

Andreas Kohlbecker wrote:

> The notes added in comment 19 should go into a separate taxeditor ticket since this ticket here is mainly focused on the vaadin reference editor.

The comments are not TaxEditor specific. They are general explaining CDM types. Implementation should be the same for Vaadin or TaxEditor. For specific issues seperate CDM tickets have be created.

#26 - 11/20/2018 06:13 PM - Andreas Müller

Andreas Kohlbecker wrote:

> I think it is also worth mentioning the class eu.etaxonomy.cdm.model.reference.ReferencePropertyDefinitions which has been created to allow UIs to adapt to ReferenceType changes dynamically. The ReferenceType specific interfaces like IJournal, ... , are not very useful in this context and are actually not used at all except for the methods in the Reference class. Maybe we should consider to remove these interfaces.

I don't like the fact that we have this information now at 2 different places. This makes changes like the one I implemented for the interfaces difficult to maintain. ReferencePropertyDefinitions uses hardcoded strings, why do we not use reflection on the interfaces? This way both systems can be easily maintained and are always up-to-date. At least tests are a strict requirement for hardcoded strings which immediately show the requirement to change the code if something changes elsewhere.

In future we may also use the new property path framework, once it is developed.

Interfaces are for both documentation (e.g. https://cybertaxonomy.eu/cdm/latest/index.htm?goto=10:283) and type save programming (e.g. programming an import by using the interfaces prevents the programmer from doing incorrect mappings). Therefore they should not be deleted.

#27 - 11/21/2018 07:50 AM - Andreas Kohlbecker

Andreas Müller wrote:

> Andreas Kohlbecker wrote:
>
> > The notes added in comment 19 should go into a separate taxeditor ticket since this ticket here is mainly focused on the vaadin reference editor.
>
> The comments are not TaxEditor specific. They are general explaining CDM types. Implementation should be the same for Vaadin or TaxEditor. For specific issues seperate CDM tickets have be created.

The comments are not TaxEditor specific.

Ok, ok, agreed!!! But this Issue still is dedicated to the vaadin reference editor and it will be closed once the review regarding this editor has been completed.

#28 - 11/21/2018 08:15 AM - Andreas Kohlbecker

Andreas Müller wrote:

> Andreas Kohlbecker wrote:
>
>> I think it is also worth mentioning the class eu.etaxonomy.cdm.model.reference.ReferencePropertyDefinitions which has been created to allow UIs to adapt to ReferenceType changes dynamically. The ReferenceType specific interfaces like IJournal, ... , are not very useful in this context and are actually not used at all except for the methods in the Reference class. Maybe we should consider to remove these interfaces.
>
> I don't like the fact that we have this information now at 2 different places. This makes changes like the one I implemented for the interfaces difficult to maintain. ReferencePropertyDefinitions uses hardcoded strings, why do we not use reflection on the interfaces? This way both systems can be easily maintained and are always up-to-date. At least tests are a strict requirement for hardcoded strings which immediately show the requirement to change the code if something changes elsewhere.
>
> In future we may also use the new property path framework, once it is developed.
>
> Interfaces are for both documentation (e.g. https://cybertaxonomy.eu/cdm/latest/index.htm?goto=10:283) and type save programming (e.g. programming an import by using the interfaces prevents the programmer from doing incorrect mappings). Therefore they should not be deleted.

Thank you for mentioning cdmlib-apps and the UML based documentation on the cdm model. I really thought that these reference interfaces are not used at all. Removing unused code would have reduced the efforts in maintaining code changes. From the broader view on the usage of these interfaces it is clear that we need to keem 'em.

The type level java doc of ReferencePropertyDefinitions already mentions the need to overcome the duplication if the information provided by the interfaces and by this class. Using pure reflection to obtain the needed information will not be sufficient, though. For example ISection declares the property inReference, IInProceedings which extends ISection declares the property inProceedings. From using pure reflection the *Sections* would have both, inReference and inProceedings even if inProceedings is just a "*renaming*" of the property inReference.

For dynamically adapting UIs to reference type changes more information is needed. The information that inProceedings is referring to the same field just with another "label" is required. So it is obvious that we need an additional source of information. Creating a method level annotation which is evaluated by ReferencePropertyDefinitions could be one solution to this problem.

=> #8255

#29 - 11/21/2018 11:24 AM - Andreas Kohlbecker

> InProceedings - Series: Correct, that this is not needed.
> Also it is not available in the IInProceedings interface so I wonder how it made it's way into the TaxEditor. Please remove.

The inSeries comes from ISection which is extended by IInProceedings

#30 - 11/21/2018 11:27 AM - Andreas Kohlbecker

- Copied to task #7918: Revision of reference type specific properties added

#31 - 11/21/2018 11:34 AM - Andreas Kohlbecker

I now moved the model discussion to #7918.

#32 - 11/21/2018 04:51 PM - Andreas Kohlbecker

- Assignee changed from Andreas Kohlbecker to Wolf-Henning Kusber

completed, please review vaadin reference editor

#33 - 11/28/2018 02:06 PM - Andreas Müller

After discussion with Henning DOI should not be available for journals and print series.

And I guess also for personal communication no DOI should be available.

#34 - 01/14/2019 11:27 AM - Andreas Müller

- Related to feature request #7982: [Rule] Validate correct usage of reference attributes for reference types. added

#35 - 05/03/2019 11:28 AM - Andreas Müller

- Related to bug #7953: Book in BookSeries: incomplete titleCache misses series title added

#36 - 05/03/2019 11:40 AM - Wolf-Henning Kusber

"And I guess also for personal communication no DOI should be available." correct.

#37 - 05/03/2019 11:41 AM - Wolf-Henning Kusber

- Assignee changed from Wolf-Henning Kusber to Andreas Müller

#38 - 05/03/2019 12:04 PM - Andreas Müller

- Status changed from Resolved to Feedback

- Assignee changed from Andreas Müller to Andreas Kohlbecker

Personal Communication has no DOI neither in the interfaces nor in TaxEditor. If this is available in vaadin this is not correct and should be corrected there. One reason why we should unify the property definitions and the reference interfaces (#8255)

#39 - 05/03/2019 12:05 PM - Andreas Müller

- Copied to feature request #8255: Unify ReferencePropertyDefinitions and reference interfaces added

#40 - 01/20/2021 03:13 PM - Andreas Kohlbecker

- Status changed from Feedback to Closed

- % Done changed from 50 to 100

Andreas Müller wrote:

> Personal Communication has no DOI neither in the interfaces nor in TaxEditor. If this is available in vaadin this is not correct and should be corrected there. One reason why we should unify the property definitions and the reference interfaces (#8255)

ReferencePropertyDefinition for Personal Communication fixed: 46f7b66dbc

I decided to keep this ticket in the original milestone as Personal Communication is not currently being used, so this change is rather for completeness than for functionality in use.