

## EDIT - feature request #6834

feature request # 4719 (New): [MASTER] Implement IntextReference

### [DISCUSS] add inner text to Intextreference or other ideas for easier handling of intextReferences in TaxEditor

07/18/2017 03:35 PM - Katja Luther

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	Priority14	<b>Due date:</b>	
<b>Assignee:</b>	Katja Luther	<b>% Done:</b>	0%
<b>Category:</b>	cdmlib	<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>	Unassigned CDM tickets		
<b>Severity:</b>	normal		
<b>Description</b>			
In taxeditor the conversion of the cdm markup of an intextreference is performed quite often, therefore maybe it is reasonable to store also the innertext in Intextreference to have the possibility to create the whole html or cdm markup text.			
I will add some information tomorrow.			
<b>Related issues:</b>			
Copied to EDIT - feature request #6916: Link IntextReference to OriginalSourc...		<b>In Progress</b>	

#### History

##### #1 - 08/15/2017 12:49 PM - Katja Luther

We also need to discuss how we want to handle references cited more than once in a text. Do we have an intextReference object for all occurrences or only one and how can we delete one of these citations and how we can delete all occurrences or do we do not allow to delete all occurrences at once?

##### #2 - 08/15/2017 02:43 PM - Andreas Müller

Katja Luther wrote:

We also need to discuss how we want to handle references cited more than once in a text. Do we have an intextReference object for all occurrences or only one and how can we delete one of these citations and how we can delete all occurrences or do we do not allow to delete all occurrences at once?

As you can see in the model LanguageString can have more than 1 IntextReference. Each IntextReference links to exactly one external resource, may it be a reference, a name, a taxon, a key, a media, ...

By the way writing this I realize that maybe we should better link to an OriginalSource instead of a pure reference. This needs to be discussed:

Copied to [#6916](#)

##### #3 - 08/15/2017 02:44 PM - Andreas Müller

- Copied to feature request #6916: Link IntextReference to OriginalSource, not Reference added

##### #4 - 08/15/2017 02:46 PM - Katja Luther

Andreas Müller wrote:

Katja Luther wrote:

We also need to discuss how we want to handle references cited more than once in a text. Do we have an intextReference object for all occurrences or only one and how can we delete one of these citations and how we can delete all occurrences or do we do not allow to delete all occurrences at once?

As you can see in the model LanguageString can have more than 1 IntextReference. Each IntextReference links to exactly one external resource, may it be a reference, a name, a taxon, a key, a media, ...

By the way writing this I realize that maybe we should better link to an OriginalSource instead of a pure reference. This needs to be discussed:

Copied to [#6916](#)

This is already implemented, but sometimes there is one reference cited more than once in a text, maybe this is not very often in our case but we should be able to handle it.

**#5 - 08/15/2017 02:59 PM - Andreas Müller**

Katja Luther wrote:

Andreas Müller wrote:

Katja Luther wrote:

We also need to discuss how we want to handle references cited more than once in a text. Do we have an `IntextReference` object for all occurrences or only one and how can we delete one of these citations and how we can delete all occurrences or do we do not allow to delete all occurrences at once?

As you can see in the model `LanguageString` can have more than 1 `IntextReference`. Each `IntextReference` links to exactly one external resource, may it be a reference, a name, a taxon, a key, a media, ...  
By the way writing this I realize that maybe we should better link to an `OriginalSource` instead of a pure reference. This needs to be discussed: Copied to [#6916](#)

This is already implemented, but sometimes there is one reference cited more than once in a text, maybe this is not very often in our case but we should be able to handle it.

Each `IntextReference` reference 1 CDM object. If this is the same object for 2 different `IntextReference` they are handled separately. It is a task for the output software to deduplicate them if required, the `IntextReference` itself can't be deduplicated as it is not a duplicate (at different places).

More difficult is it to use 2 citations for the same text part. This is difficult to handle in XML as no overlapping of tags is allowed in XML as the tags have no identifier. Same if name appears e.g. in the title of a reference.

**#6 - 08/15/2017 03:01 PM - Andreas Müller**

Is the original task of this ticket still an issue. I think I send an answer once. I am not sure that we really need the text to be stored. If still an issue please add more information why it is required.

**#7 - 08/16/2017 09:27 AM - Katja Luther**

this was the email discussion:

Nachtrag: aber ich bin da auch nicht grundsätzlich abgeneigt. Und wenn es nur zum Debuggen ist, macht es ja manchmal Sinn solche Informationen zu haben. Nur muss man alles was man speichert auch synchron halten und daher bin ich vorsichtig, da mehr reinzustecken, als notwendig.

AM

Von: Müller, Andreas  
Gesendet: Dienstag, 18. Juli 2017 14:17  
An: Luther, Katja  
Betreff: AW: `IntextReference` Klasse

Hallo Katja,

du kannst da gerne mal ein Modelticket als DISCUSS für aufmachen, dann können wir die Diskussion dort speichern.  
Bislang ist mir das noch nicht ganz klar, warum es sinnvoll wäre. Eigentlich sollte es Text unabhängig sein. Insbesondere muss man beachten, dass der gleiche Text ja an mehreren Stellen stehen kann. Man kann sich also auf die Suche nicht verlassen, bei der Bestimmung der Stelle.  
Vielleicht kannst du mir ja mal deinen Code zeigen.  
Wäre gut, wenn du ihn in einen Branch schieben kannst. Macht ja bei einer so großen OP sowieso Sinn, dann ist die Gefahr nicht so groß versehentlich falsche Dinge zu committen oder zu vergessen.

Viele Grüße,  
Andreas M.

Von: Luther, Katja  
Gesendet: Dienstag, 18. Juli 2017 13:33  
An: Müller, Andreas  
Betreff: `IntextReference` Klasse

Hallo Andreas,

für die Konvertierung von `cdm` Markup zu `html` und zurück wäre es einfacher, wenn man den `innerText` von dem Markup auch in der `IntextReferenz` speichern würde. Da das dann eine Modelländerung ist, wollte ich fragen, ob das für dich ok wäre.  
Dann könnte man nämlich den Text, nachdem man sucht recht leicht anhand des `IntextReferenz` Objektes erzeugen.  
Alternativ geht es auch über einen regulären Ausdruck... das habe ich jetzt von `mark` up zu `html` implementiert.

Viele Grüße,  
Katja

**#8 - 08/16/2017 12:06 PM - Katja Luther**

Andreas Müller wrote:

More difficult is it to use 2 citations for the same text part. This is difficult to handle in XML as no overlapping of tags is allowed in XML as the tags have no identifier. Same if name appears e.g. in the title of a reference.

what do you mean with two citations for the same text part something like this "this is a text with two citations (Müller 2017, Luther 2017)", I think this should not be a problem or that "Müller 2017" should point to two citations? Is this possible?

**#9 - 09/25/2017 11:55 AM - Andreas Müller**

- *Parent task set to #4719*