

## RK-J - Bug #2747

Feature # 2560 (Closed): Enable link update of a "link updated" book

### Duplicate left nodes present in the metagraph after doing link update for the book which was already link updated

12/08/2022 10:31 AM - Venmuhilan B

<b>Status:</b>	Closed	<b>Start date:</b>	12/08/2022
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Venmuhilan B	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1-RK-J-1	<b>Spent time:</b>	0.00 hour
<b>Description</b>			

#### History

##### #1 - 12/08/2022 10:32 AM - Venmuhilan B

- Subject changed from duplicate left nodes present in the metagraph after doing link update for the book which was already link updated to Duplicate left nodes present in the metagraph after doing link update for the book which was already link updated

##### #2 - 12/20/2022 06:04 AM - Venmuhilan B

###### Issue:

The documentProcessingId of Langref present in some of the left nodes of metagraph of Libref is not as same as it is present in the documentProcessing kind.

documentProcessingId of Language Reference present in documentProcessing kind - efbad6c8-ef65-4d4d-bbd9-8c40e4ff683d  
documentProcessingId of Library Reference present in documentProcessing kind - 63cc539d-a2b0-4e8b-af6c-4af095b59a1c

documentProcessingId of Language reference present in some of the left nodes of metagraph of Libref(which is not present in documentProcessing kind)- 96ac5352-3472-42c9-b48f-8bca6e874d93.

In the method expandUrlsForNodes(), the lurl will not be set to the node because it will not get the baseUrl for this dpId 96ac5352-3472-42c9-b48f-8bca6e874d93(which is not present in the documentProcessing kind).So, the Url(i.e 10004/compound\_stmts--The-try-statement-158.html) will not be expanded to lurl. I think it won't find the document from getDocumentByDocumentUrlAndSupplementAsNull() because the l-url is invalid and that method will return null. When it tries to get the indexName, a null pointer exception occurred.

The line where the exception occurred:

```
indexName = contentDao.getDocumentByDocumentUrlAndSupplementAsNull(node.getUrl(),null).getIndexName();
```

###### reason:

Library reference non-dt and Languauge reference non-dt were ingested and link updated on 30 Aug on QA.

Languauge reference non-dt were deleted and reingested again on 21st sep.

So, The metagraph of Libref non-dt has the documentProcessingId of old Langref. It doesn't have the documentProcessingId of new Langref.

###### Fix & new issue.

If we overwrite with the same book or link update the book, we will not have this issue. But in the current implementation, it is not updating the nodes in metagraph which has the old book's dpId with the new book's dpId. Instead it created duplicate nodes with the new book's dpId. we have to fix this.

###### new issue:

I did the link update on Librref non-dt book to update the metagraph.

**Instead of updating the dpId(i.e present as bookId) of the nodes, it created a two nodes which has documentProcessingId of new Langref book .**

i.e

```
"left": [  
.  
.  
.  
. {  
  "rc": 15,  
  "id": 131234,  
  "title": "The try statement,try",  
  "label": "8.4. The try \nstatement",  
  "url": "10004/compound_stmts--The-try-statement-158.html",  
  "rank": 168,  
  "bookId": "96ac5352-3472-42c9-b48f-8bca6e874d93"  
}, {
```

```
"rc": 15,
"id": 131235,
"title": "The try statement,try",
"label": "8.4. The try \nstatement",
"url": "10004/compound_stmts--The-try-statement-158.html",
"rank": 168,
"bookId": "96ac5352-3472-42c9-b48f-8bca6e874d93"
}, {
"rc": 15,
"id": 131234,
"title": "The try statement,try",
"label": "8.4. The try \nstatement",
"url": "10004/compound_stmts--The-try-statement-158.html",
"rank": 170,
"bookId": "efbad6c8-ef65-4d4d-bbd9-8c40e4ff683d"
}, {
"rc": 15,
"id": 131235,
"title": "The try statement,try",
"label": "8.4. The try \nstatement",
"url": "10004/compound_stmts--The-try-statement-158.html",
"rank": 170,
"bookId": "efbad6c8-ef65-4d4d-bbd9-8c40e4ff683d"
}
]
```

**#3 - 12/20/2022 07:41 AM - Venmuhilan B**

Fixed in this MR - [https://gitlab.com/kordale/rapidken-j/-/merge\\_requests/1573](https://gitlab.com/kordale/rapidken-j/-/merge_requests/1573)

**#4 - 12/20/2022 07:42 AM - Venmuhilan B**

- Status changed from *New* to *Resolved*

- % Done changed from 0 to 100

Test cases - [https://docs.google.com/document/d/1tQzs5DWfEEVrnOckC2sX\\_U2wZBc5FJd7erjb6fGBv6o/edit#heading=h.k8rz8iqcwjii](https://docs.google.com/document/d/1tQzs5DWfEEVrnOckC2sX_U2wZBc5FJd7erjb6fGBv6o/edit#heading=h.k8rz8iqcwjii)

**#5 - 06/06/2023 02:42 PM - Venmuhilan B**

- Status changed from *Resolved* to *Feedback*

**#6 - 06/07/2023 04:54 AM - Ayush Khandelwal**

- Status changed from *Feedback* to *Closed*

working as expected