

Contents

9 QUICK FIXES FOR VALIDATION PROBLEMS..... 1

9.1 Navigating Validation Problems and Quick Fixes..... 1

9.2 Quick Fix for Table Validation Error ..... 3

9.3 Updating Internal Cross References ..... 4

9.3.1 Quick fix to update a cross reference when the target element number order changes ..... 4

9.3.2 Edit cross reference when the target element type changes..... 6

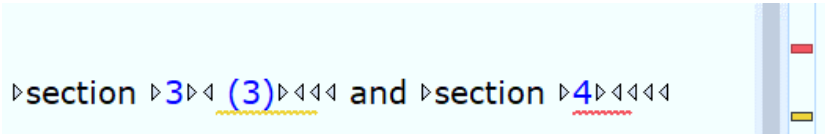
9.3.3 Quick fix to update a cross reference when the target element is deleted ..... 8

9.3.4 Edit cross reference when target range is broken..... 9

9 QUICK FIXES FOR VALIDATION PROBLEMS

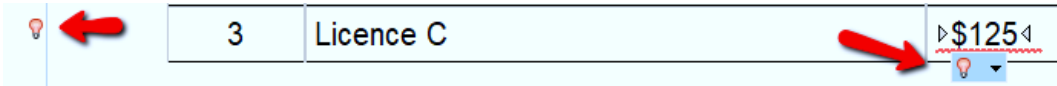
9.1 Navigating Validation Problems and Quick Fixes

Validation problems can occur in the XML document when the results of an action break the rules of the document. Validation warnings and errors are presented as yellow and red underlines at the location of the error, and as coloured markers in the right border of the document editor:

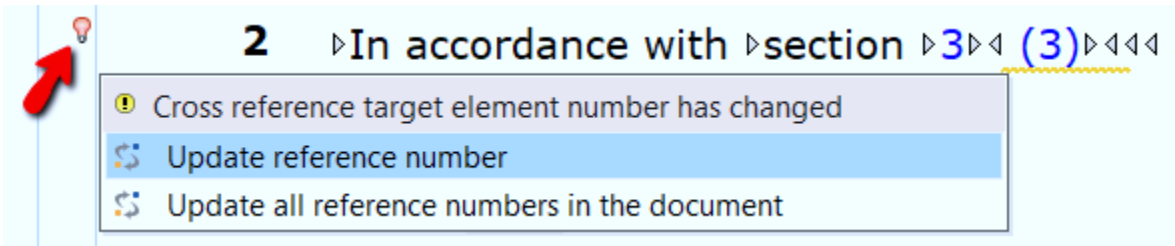


To learn about the validation problem and any proposed Quick Fix solutions:

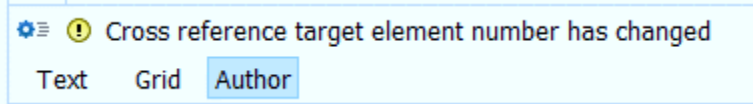
- 1. Click in the element where the validation warning is displayed and, if available, click on the lightbulb icon. The **Quick Fix** lightbulb icons (💡) are displayed below the error and in the left border of the document editor.



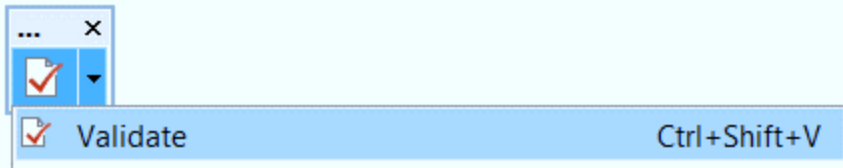
- 2. Click on a **Quick Fix** lightbulb icon or **Alt + 1** to review the problem message and proposed solutions:



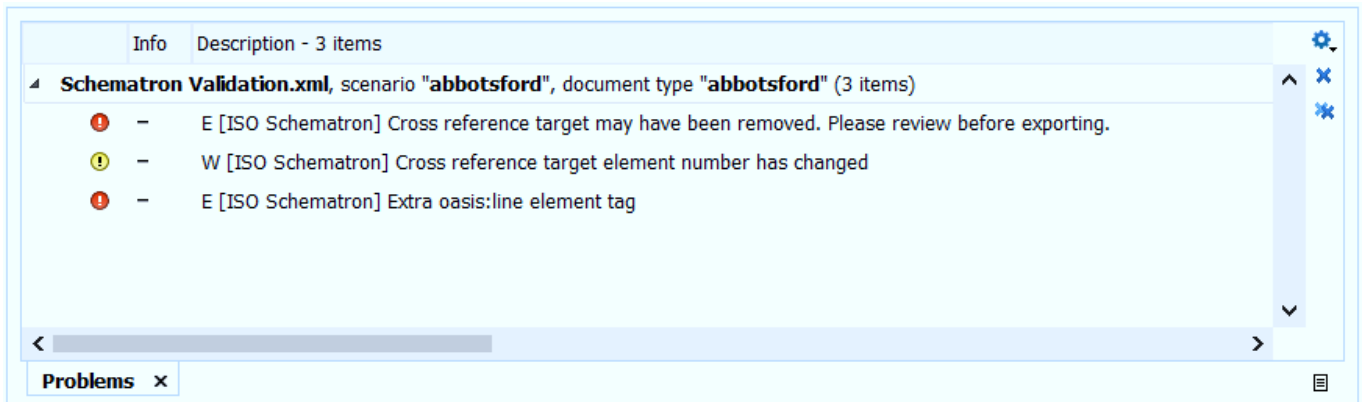
3. Warning and error messages also display at the bottom of the document editor:



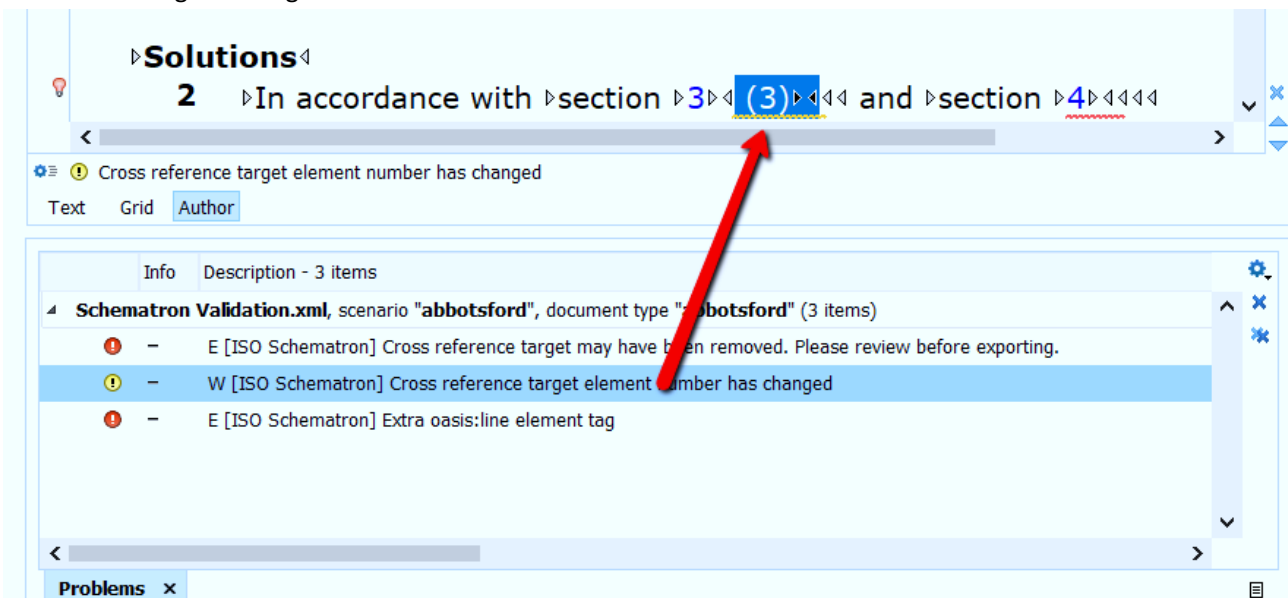
4. To review all the problem messages together, go to the **Validation** toolbar and select the **Validate** button:



5. Messages for all the validation problems in the document are displayed at the bottom of the document editor in the **Problems** panel:



6. Click on a message to navigate to the error in the document:



## 9.2 Quick Fix for Table Validation Error

In a table, a validation error can occur when the entire content of a cell, including the xml element tags, is copied and then pasted inside another line element (oasis:line). The error which results is from duplicate oasis:line elements, with one set nested inside the other:

The validation error displays as follows:

Item	Column 1 ▷Description◁	Column 2 ▷Amount◁
1	Licence A	\$125
2	Licence B	▷\$125◁
3	Licence C	line

To correct this validation error:

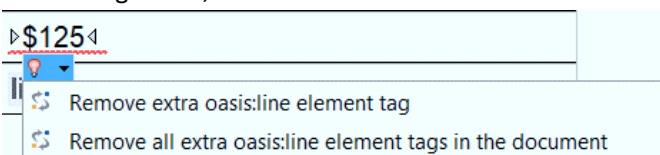
1. Click in the location of the error to display the Quick Fix lightbulb icons (one appears below the error location and another in the left border of the document editor):

Item	Column 1 ▷Description◁	Column 2 ▷Amount◁
1	Licence A	\$125
2	Licence B	▷\$125◁
3	Licence C	line

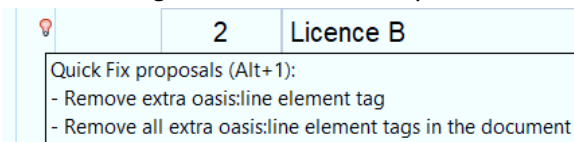
Extra oasis:line element tag

2. To view the error message and Quick Fix proposals:

- a. Click on a lightbulb, or




- b. Hover over a lightbulb and use the keyboard shortcut **Alt + 1**:



3. Select a **Quick Fix** option:

Column 2
▷Amount◁
\$125
▷\$125◁
▷\$125◁

 Remove extra oasis:line element tag  
Remove all extra oasis:line element tags in the document

4. The extra oasis:line element tags are removed and the validation markers disappear:

Item	Column 1 ▷Description◁	Column 2 ▷Amount◁
1	Licence A	\$125
2	Licence B	\$125
3	Licence C	\$125

**TIP:** To avoid the duplicate oasis line error, use **Paste Special > Paste as Text**  
See Section 8.4 and 8.5 on the Paste Special function

9.3 Updating Internal Cross References

In a bylaw containing internal cross references to sections within the same document, if the target of the cross reference changes order, changes element type, or is deleted, a validation warning or error will occur. The following examples describe the steps for reviewing cross reference validation problems and updating the cross reference.

9.3.1 Quick fix to update a cross reference when the target element number order changes


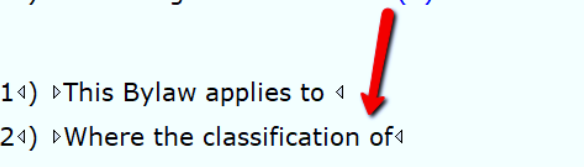
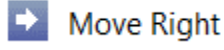
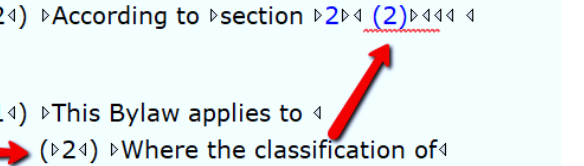
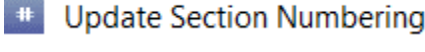
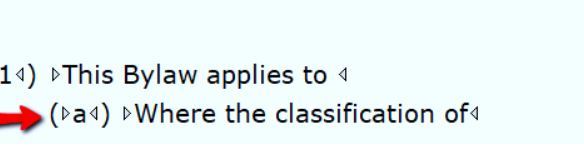
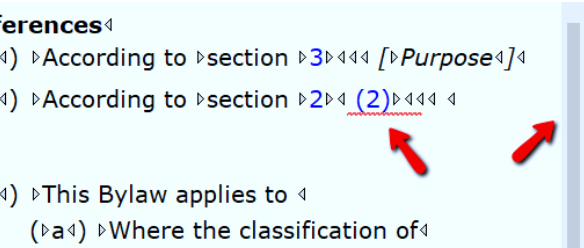
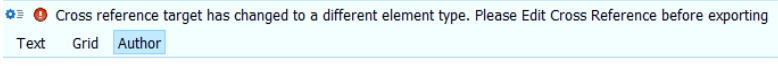

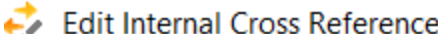
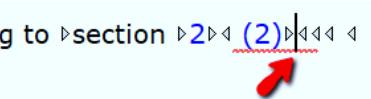
When a cross reference target element **number** changes, e.g. section 2 becomes section 3; or, paragraph (b) becomes paragraph (c), the following steps are taken; for example:

No.	Step	Result
1.	Insert or Activate Cross Reference, e.g. to section 2	<div>▷Cross references◁ 1 ▷According to ▷section ▷2▷◁◁◁ [▷Purpose◁]◁ ▷Purpose◁ 2 ▷This is the target of a cross reference ◁ ▷Scope◁ 3 (▷1◁) ▷This Bylaw applies to ◁ (▷2◁) ▷Where the classification of◁</div>

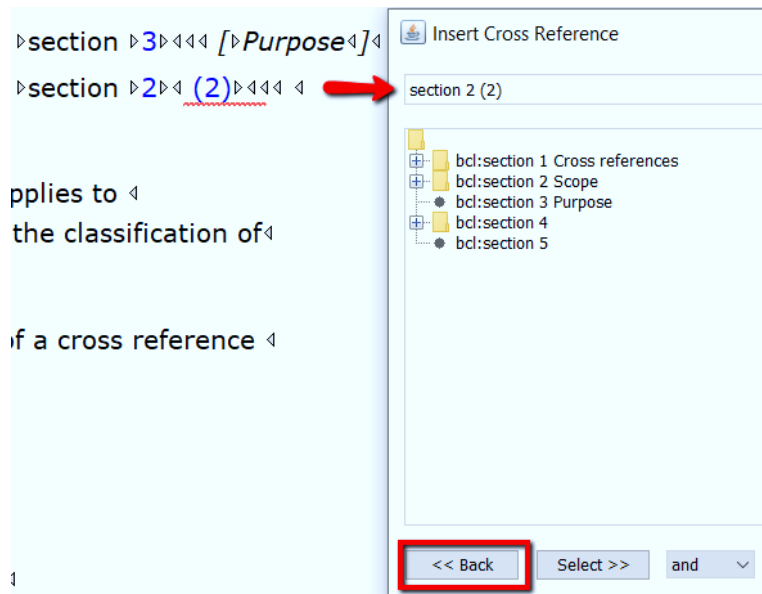
No.	Step	Result
2.	Move Section 2 down one position using <b>Move Down</b> (Alt + ↓)	<p>▷ <b>Cross references</b> ◁</p> <p>1 ▷According to ▷section ▷2▷◁◁◁ [▷Purpose◁]◁</p> <p>▷ <b>Scope</b> ◁</p> <p>3 (▷1◁) ▷This Bylaw applies to ◁</p> <p>(▷2◁) ▷Where the classification of◁</p> <p>↓</p> <p>▷ <b>Purpose</b> ◁</p> <p>2 ▷This is the target of a cross reference ◁</p>
3.	Update all section numbers using <b>Update Document Numbering</b> (F11).  A validation warning presents as a yellow underline at the location of the error, and as a yellow marker in the right border of the document editor.	<p>▷ <b>Cross references</b> ◁</p> <p>1 ▷According to ▷section ▷2▷◁◁◁ [▷Purpose◁]◁</p> <p>▷ <b>Scope</b> ◁</p> <p>2 (▷1◁) ▷This Bylaw applies to ◁</p> <p>(▷2◁) ▷Where the classification of◁</p> <p>▷ <b>Purpose</b> ◁</p> <p>3 ▷This is the target of a cross reference ◁</p>
4.	Click in the <b>error</b> to display the Quick Fix lightbulb icons.	<p>▷ <b>Cross references</b> ◁</p> <p>1 ▷According to ▷section ▷2▷◁◁◁</p>
5.	Click on a <b>lightbulb</b> icon to review the warning message and proposed Quick Fixes.	<p>▷ <b>Cross references</b> ◁</p> <p>1 ▷According to ▷section ▷2▷◁◁◁ [▷Purpose◁]◁</p> <p>ⓘ Cross reference target element number has changed</p> <p>🔧 Update reference number</p> <p>🔧 Update all reference numbers in the document</p>
6.	Select a <b>Quick Fix</b> to update the cross reference:  <b>Update reference number</b> updates the cross reference to the new target number.  The validation warning is resolved.	<p>▷ <b>Cross references</b> ◁</p> <p>1 ▷According to ▷section ▷3▷◁◁◁ [▷Purpose◁]◁</p> <p>▷ <b>Scope</b> ◁</p> <p>2 (▷1◁) ▷This Bylaw applies to ◁</p> <p>(▷2◁) ▷Where the classification of◁</p> <p>▷ <b>Purpose</b> ◁</p> <p>3 ▷This is the target of a cross reference ◁</p>

### 9.3.2 Edit cross reference when the target element type changes

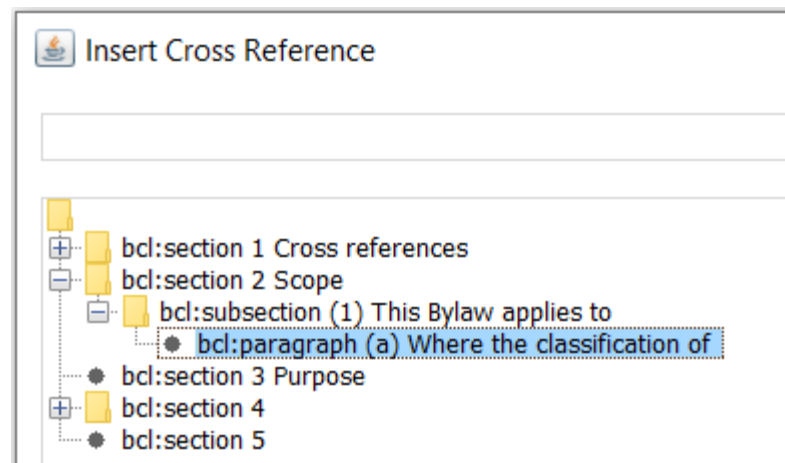
When a cross reference target element **type** has changed, e.g. subsection (2) becomes paragraph (a) the following steps are taken; for example:

No.	Step	Result
1.	<p><b>Insert or Activate Cross Reference,</b> e.g. to section 2 (2)</p> 	
2.	<p>Demote subsection (2) to (1) (a) using <b>Move Right</b> (Alt + →)</p>  <p>A validation error displays as a red underline at the location of the error</p>	
3.	<p>Update the section numbering with <b>Update Section Numbering</b> (Alt + F11) and <b>Save</b></p> 	
4.	<p>The validation error persists as a red underline at the location of the error, and as a red marker in the right border of the document editor.</p>	
5.	<p>A validation error message displays at the bottom of the document editor, with instructions to use the <b>Edit Cross Reference</b> function.</p>	 <p>"Cross reference target has changed to a different element type. Please Edit Cross Reference before exporting"</p>
6.	<p>Click in the cross reference and open the FUN menu:</p>  <p>Select <b>Edit Cross Reference</b> (Alt + F6)</p> 	

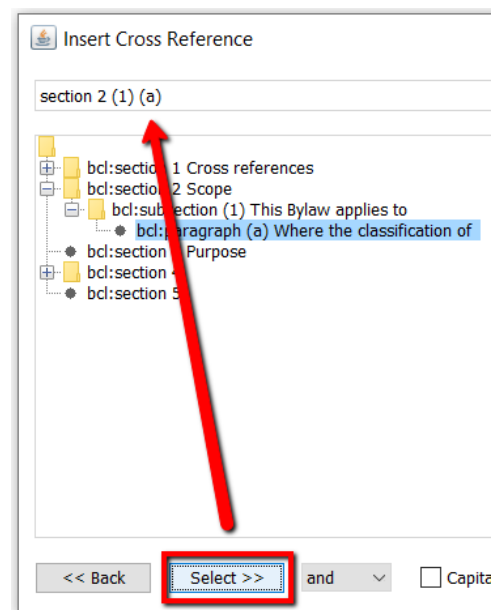
7. In the Edit Cross Reference dialogue, use the **Back** button to undo the original cross reference.



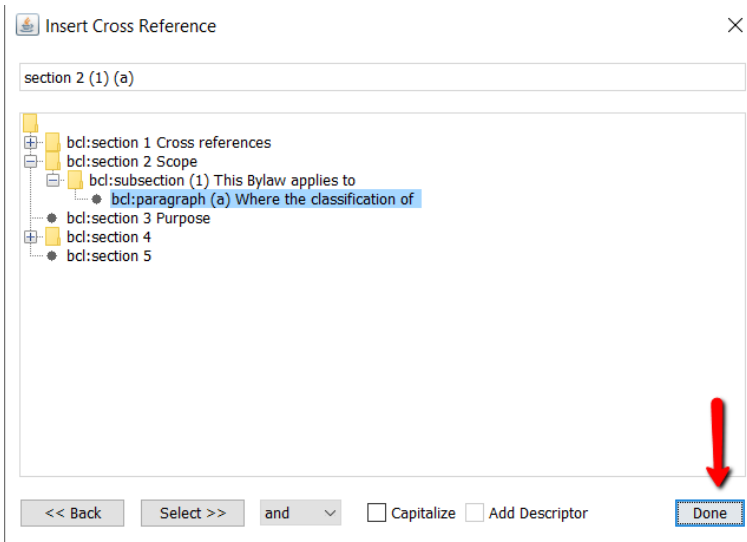
8. **Navigate** to the **target element** in the Insert Cross Reference Dialogue



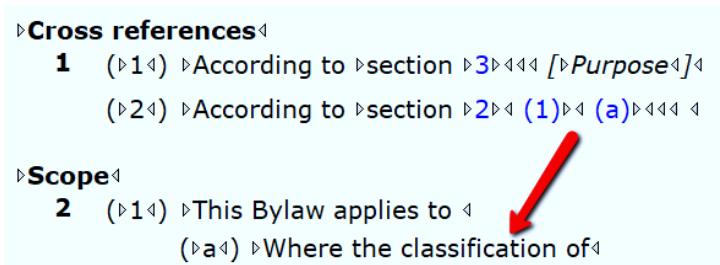
9. Click on **Select** to load the selection into the preview area



10. Click on **Done**



11. The cross reference is updated and the validation error is resolved





9.3.3 Quick fix to update a cross reference when the target element is deleted






When the target of a cross reference is deleted, e.g. section 2 is deleted, the following steps are taken:

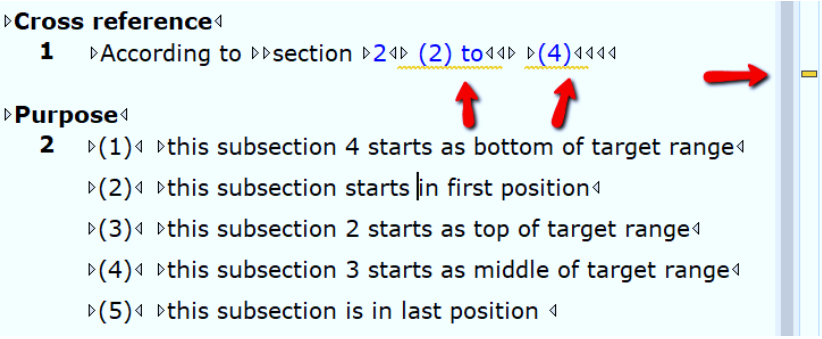
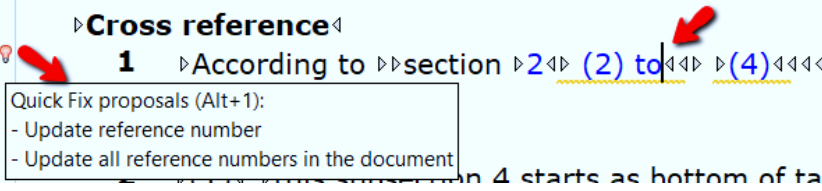
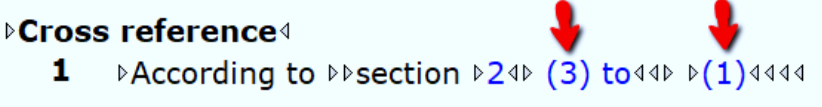

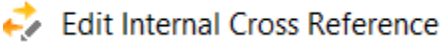
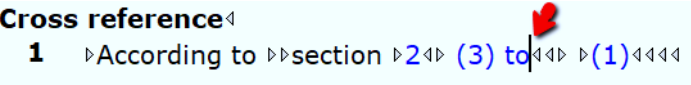
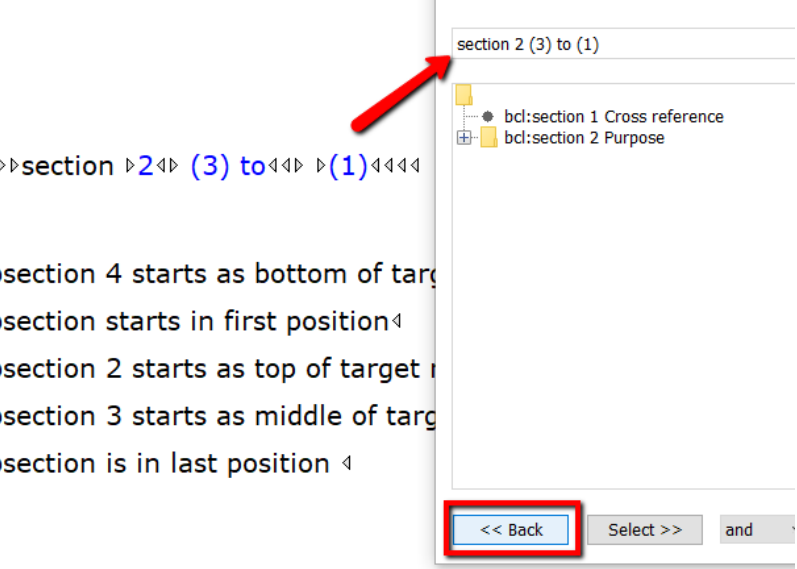
No.	Step	Result
1.	Insert or Activate Cross Reference, e.g. to section 2	<div>▶Cross reference▶ 1 ▶According to ▶section ▶2▶▶▶▶▶ ▶Purpose▶ 2 ▶This is the target of a cross reference ▶</div>
2.	Delete the target element, section 2. A validation error displays as a red underline at the location of the error, and as a red marker in the right border of the document editor.	<div>▶Cross reference▶ 1 ▶According to ▶section ▶2▶▶▶▶▶</div>
3.	Click in the error to display any Quick Fix lightbulb icons.	<div>▶Cross reference▶ 1 ▶According to ▶section ▶2▶▶▶▶▶</div>

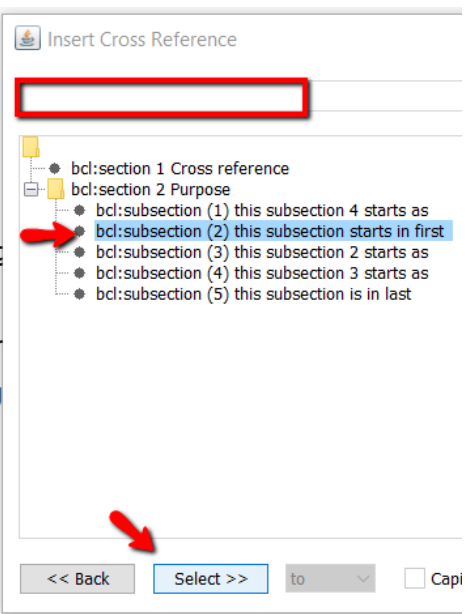
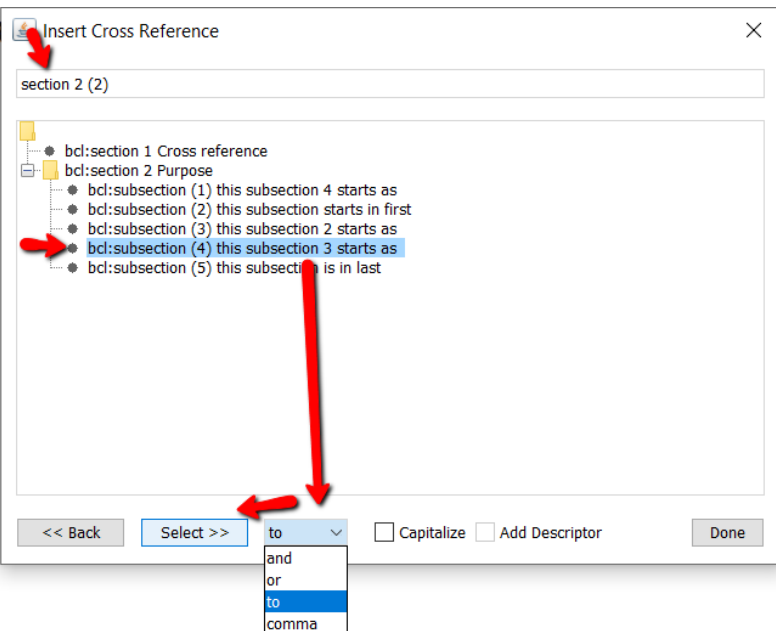


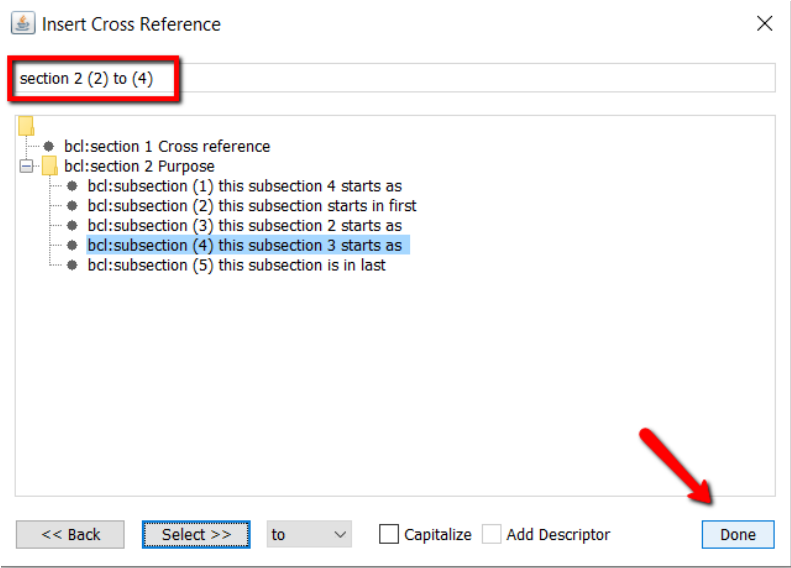
4.	Click on a <b>lightbulb</b> icon to review the error message and proposed Quick Fixes.	<p>▷<b>Cross reference</b>◁</p> <p>1 ▷According to ▷section ▷2▷◁◁◁◁</p>  <div>  Delete cross reference </div>
5.	Select the <b>Quick Fix</b> to delete the cross reference.  The validation error is resolved.	<p>▷<b>Cross reference</b>◁</p> <p>1 ▷According to ▷◁</p>

### 9.3.4 Edit cross reference when target range is broken

No.	Step	Result
1.	<b>Insert or Activate</b> a cross reference to a <b>range</b> of elements, e.g. section 2 <b>(2) to (4)</b>	<p>▷<b>Cross reference</b>◁</p> <p>1 ▷According to ▷▷section ▷2▷ (2) to◁▷ ▷(4)◁◁◁◁</p> <p>▷<b>Purpose</b>◁</p> <p>2 ▷(1)◁ ▷this subsection starts in first position◁</p> <div> <p>▷(2)◁ ▷this subsection 2 starts as top of target range◁</p> <p>▷(3)◁ ▷this subsection 3 starts as middle of target range◁</p> <p>▷(4)◁ ▷this subsection 4 starts as bottom of target range◁</p> </div> <p>▷(5)◁ ▷this subsection is in last position ◁</p> 
2.	<b>Move Up</b> subsection (4) until it is the subsection (1) position, breaking the range.   <b>Move Up (sibling elements)</b>	<p>▷<b>Cross reference</b>◁</p> <p>1 ▷According to ▷▷section ▷2▷ (2) to◁▷ ▷(4)◁◁◁◁</p> <p>▷<b>Purpose</b>◁</p> <p>2 ▷(4)◁ ▷this subsection 4 starts as bottom of target range◁</p> <p>▷(1)◁ ▷this subsection starts in first position◁</p> <p>▷(2)◁ ▷this subsection 2 starts as top of target range◁</p> <p>▷(3)◁ ▷this subsection 3 starts as middle of target range◁</p> <p>▷(5)◁ ▷this subsection is in last position ◁</p> 
3.	Update the section numbering with <b>Update Section Numbering</b> (Alt + F11) and <b>Save</b>   <b>Update Section Numbering</b>  The subsection numbers are updated	<p>▷<b>Cross reference</b>◁</p> <p>1 ▷According to ▷▷section ▷2▷ (2) to◁▷ ▷(4)◁◁◁◁</p> <p>▷<b>Purpose</b>◁</p> <p>2 ▷(1)◁ ▷this subsection 4 starts as bottom of target range◁</p> <p>▷(2)◁ ▷this subsection starts in first position◁</p> <p>▷(3)◁ ▷this subsection 2 starts as top of target range◁</p> <p>▷(4)◁ ▷this subsection 3 starts as middle of target range◁</p> <p>▷(5)◁ ▷this subsection is in last position ◁</p> 

No.	Step	Result
4.	<p>A validation warning displays as a yellow underline at the location of the error, and as a yellow marker in the right border of the document editor.</p> <p>Click in the <b>error</b> to display any Quick Fix lightbulb icons.</p>	 <p>‣Cross reference‣  <b>1</b> ‣According to ‣section ‣2‣‣ (2) to‣‣‣‣ (4)‣‣‣‣</p> <p>‣Purpose‣  <b>2</b> ‣(1)‣‣ this subsection 4 starts as bottom of target range‣  ‣(2)‣‣ this subsection starts in first position‣  ‣(3)‣‣ this subsection 2 starts as top of target range‣  ‣(4)‣‣ this subsection 3 starts as middle of target range‣  ‣(5)‣‣ this subsection is in last position ‣</p>
5.	<p>Click on the <b>lightbulb</b> icon for each subsection reference to review the warning message and proposed <b>Quick Fixes</b></p>	 <p>‣Cross reference‣  <b>1</b> ‣According to ‣section ‣2‣‣ (2) to‣‣‣‣ (4)‣‣‣‣</p> <p>Quick Fix proposals (Alt+1):  - Update reference number  - Update all reference numbers in the document</p>
6.	<p>In this case, the Quick Fix updates the reference numbers to the new subsection positions; however, because the range was broken with the move up action, the <b>Quick Fix</b> solution is <b>not appropriate</b>.</p> <p>The <b>appropriate</b> action for broken ranges is to <b>Edit Cross Reference</b>.</p>	 <p>‣Cross reference‣  <b>1</b> ‣According to ‣section ‣2‣‣ (3) to‣‣‣‣ (1)‣‣‣‣</p>
7.	<p>Click in the cross reference and open the FUN menu:</p>  <p>Select <b>Edit Cross Reference</b> (Alt + F6)</p> 	 <p>‣Cross reference‣  <b>1</b> ‣According to ‣section ‣2‣‣ (3) to‣‣‣‣ (1)‣‣‣‣</p>
8.	<p>In the Edit Cross Reference dialogue, use the <b>Back</b> button x 2 to undo the cross reference</p>	 <p>‣‣section ‣2‣‣ (3) to‣‣‣‣ (1)‣‣‣‣</p> <p>bsection 4 starts as bottom of target range  bsection starts in first position‣  bsection 2 starts as top of target range  bsection 3 starts as middle of target range  bsection is in last position ‣</p>

No.	Step	Result
9.	<p>Now that the preview area is empty, create the new cross reference.</p> <p><b>Navigate</b> to the first <b>target element</b> in the range, e.g. subsection (2).</p> <p>Click on <b>Select</b> to load the selection into the preview area</p>	
10.	<p>Check the <b>preview area</b> to view the first element in the range</p> <p><b>Navigate</b> to the <b>last element</b> in the range</p> <p>Select <b>“to”</b> from the operator menu</p> <p>Click on <b>Select</b></p>	

No.	Step	Result
11.	<p>Check the <b>preview</b> area to view the operation and second element in the range.</p> <p>Click on <b>Done</b></p>	
12.	<p>The cross reference is updated in the document and the validation warning is resolved</p>	<p>▷<b>Cross reference</b>◁</p> <p><b>1</b> ▷According to ▷▷section ▷2◁▷ (2) to◁▷▷ ▷(4)◁◁◁◁</p>