

BeyondXML

User Guide

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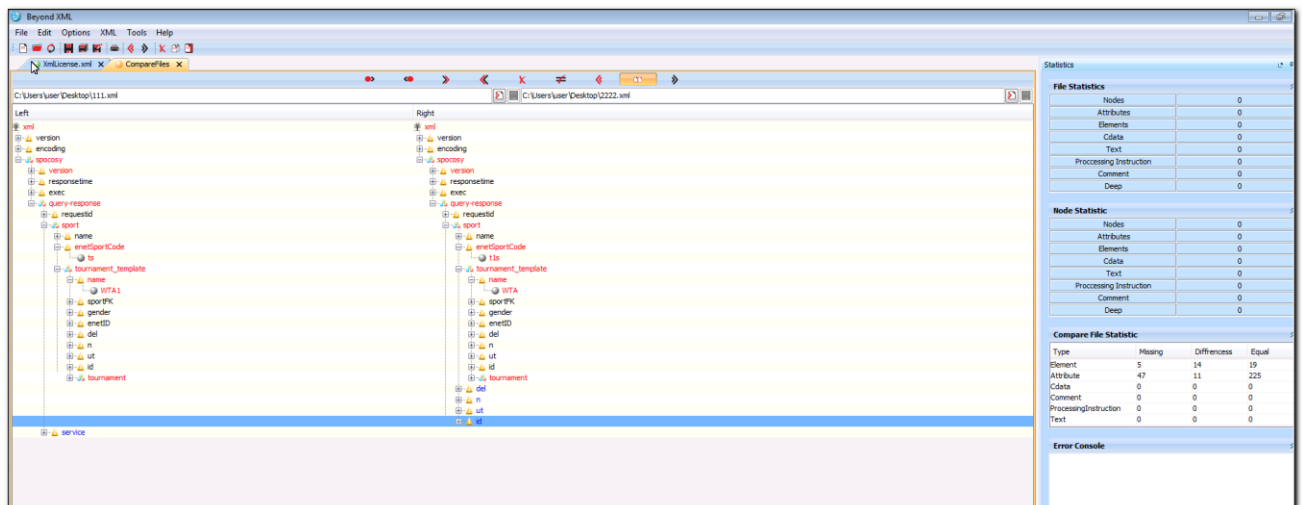
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1. OVERVIEW

BeyondXML is a revolutionary innovative XML editor that offers a host of new and highly useful features currently unavailable in other XML editors, making it the most powerful XML editor on the market. BeyondXML's unique features save you time and result in a significant improvement in XML quality and consistency.

Unlike existing text-based XML editors, BeyondXML boasts a new object-based GUI and offers an easy and intuitive way of comparing and merging XML files, a broad range of dynamic & flexible XML filtering and extensive statistics and reports capabilities.

1.1. GUI



XML files can be displayed in two modes; as xml syntax or as an xml tree schema. Use the respective button at the bottom left of the screen to toggle between display modes.



The right pane displays statistics, including numbers of each component type in the document and in the selected xml node, and statistical results of the last compare.

At the bottom of the right pane (under the statistics) there is an Error Console displaying messages and notes.

Multiple documents are displayed in tabs (including comparison of two files).

In the comparison mode, color scheme enables fast spotting of the differences.

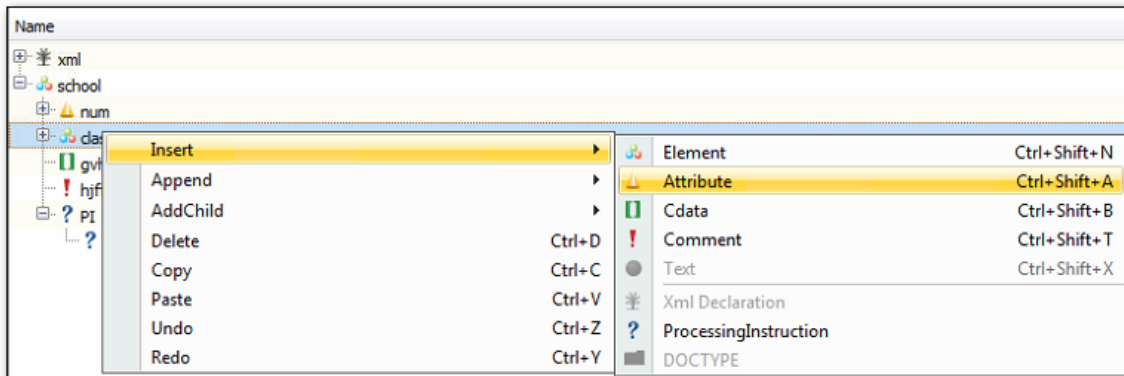
2. CREATING AND EDITING XML FILES

1. Create a new XML by selecting **New** from the File menu or opening an existing file for editing.

When opening a document the default view is xml syntax text view. Use the respective button at the bottom-left of the screen to toggle between **Text** and **Tree** view modes.

In Tree view:

2. Select a row and right-click to display a contextual menu with various options for building and editing xml documents.



Insert: add elements, attributes, cData, comments to the selected element, as a child to the same parent.

Append: Append elements, attributes, cData, or comments at the end of the nodes list of the same ancestor node.

AddChild: add the xml component to the xml file as a child to the selected component.

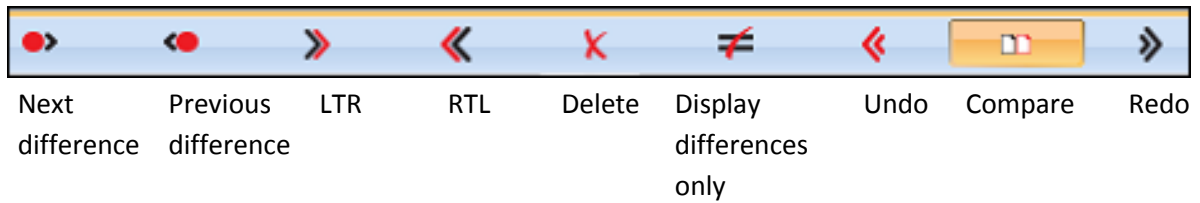
Delete: delete the selected xml component.

All other functions will work as expected on the selected component.



3. **Editing the text and value of a component:** To edit the text and value of a component, click on it and type (this will replace the existing text with the typed text). To edit the text without replacing it click again to place the cursor in the text.

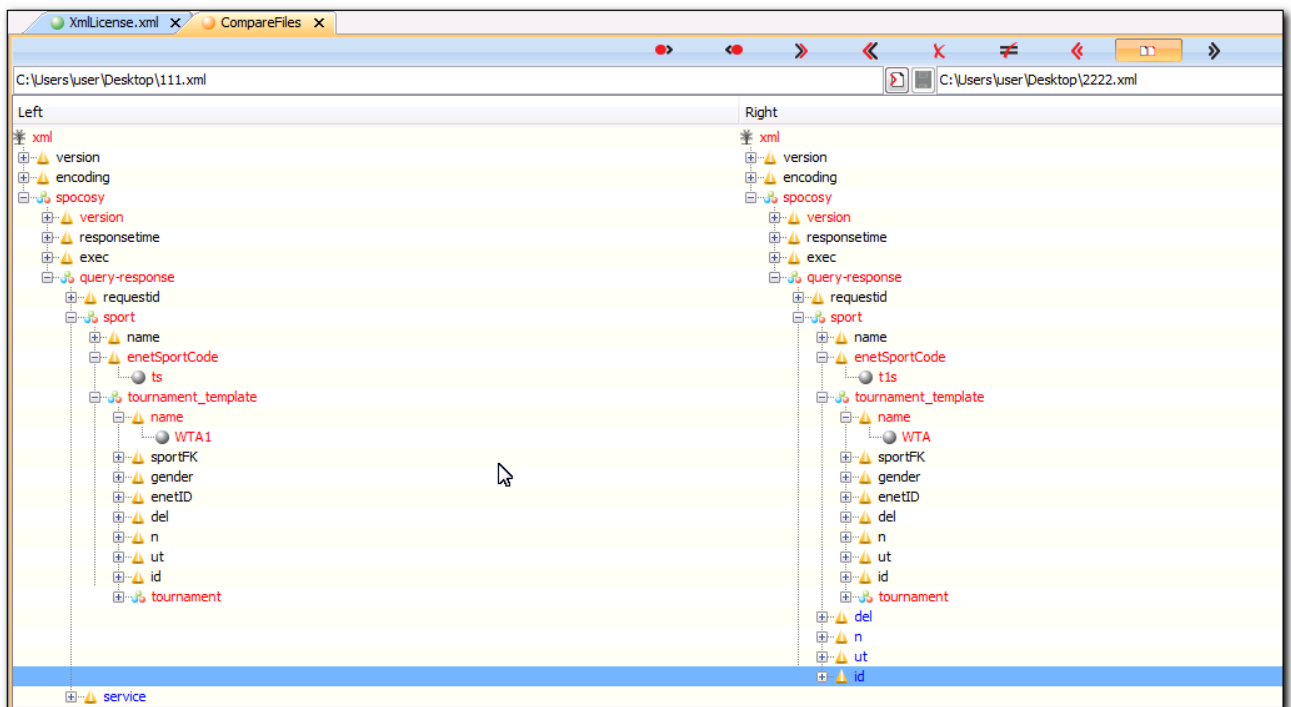
In order to maintain the integrity of the file, only components that are suitable for the type of selection according to the XML logic are enabled. Other components are disabled.

3. COMPARE, MERGE AND UPDATE XML SCHEMAS

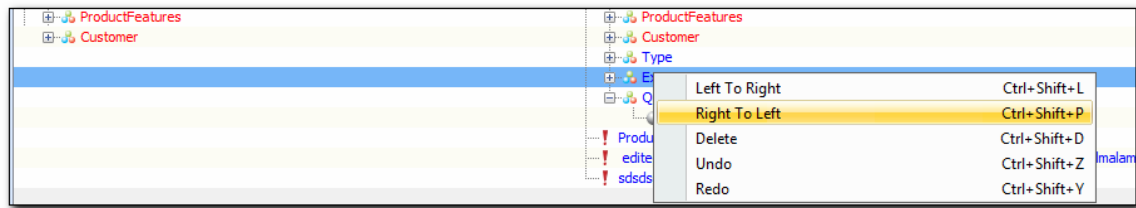



This unique capability - not available in any other XML editor - allows you to compare and merge XML files quickly and intuitively, saving time and significantly improving XML quality and consistency.

1. Toggle to **Compare** mode by clicking on the **Compare** button  in the toolbar or selecting the **Compare** option from the **Tools** menu.
2. Load files you want to compare/merge by clicking on the  icon located under the toolbar at the top-right corner of each pane.



3. All missing, different and identical lines and elements in both files will be clearly highlighted in category-specific colors:
 - **missing lines** and elements are displayed in **blue**;
 - **differences** are displayed in **red**
 - **identical elements** remain **black**.
4. Expanding or collapsing an element in one file automatically expands or collapses the same element in the other file, allowing you to arrange the workspace efficiently
5. Use the right-click contextual menu to move elements from one file to the other and/or delete them. Alternatively, you can use the LTR and RTL buttons in the toolbar (LTR: adding what is in the Right side to the Left side and RTL adding to the Left side what is on the Right side).




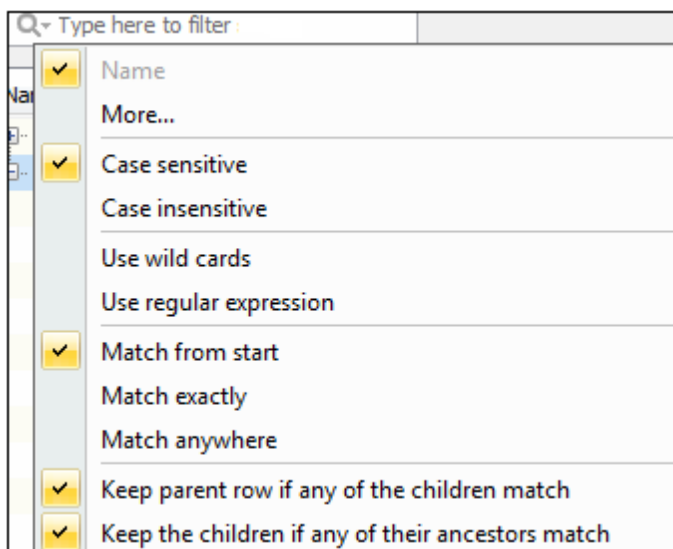
4. Save file as you work by clicking on the Save button located under the toolbar at the top-right corner of each pane (next to the **Open** button). 

4. DYNAMIC & FLEXIBLE XML FILTERING

BeyondXML offers extensive dynamic & flexible XML filtering capabilities using various filtering criteria and built-in filtering operators. It allows you to customize filtering to your personal needs and have extensive control over hiding and displaying elements and properties in XML trees.

4.1. SEARCH FIELD

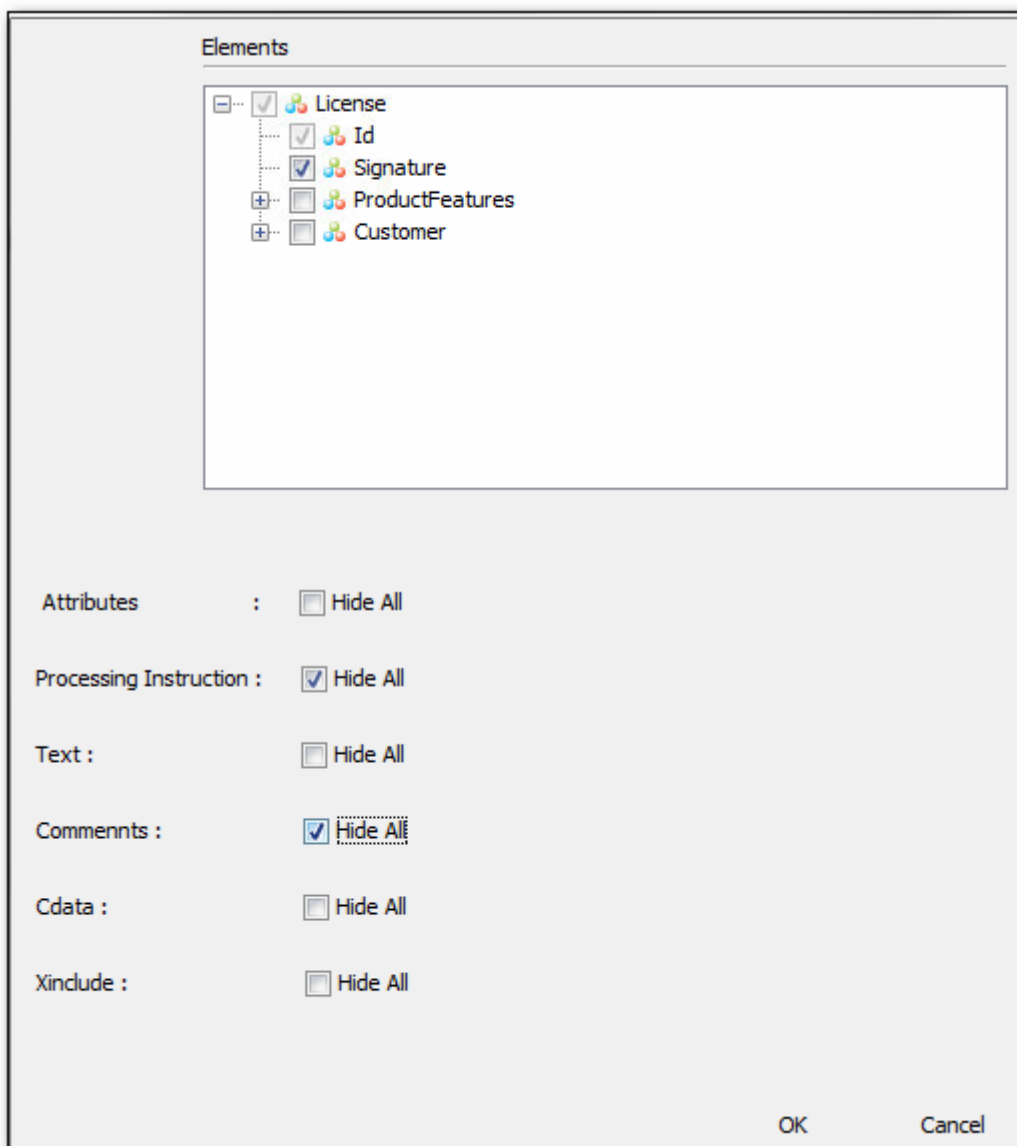
1. Start typing criteria and watch immediate results as you type (only the XML tree branches containing values that match your criteria are displayed).
2. Enhance your entered criteria with useful built-in tools (click on  in the Search field to open a dropdown list of available search tools)



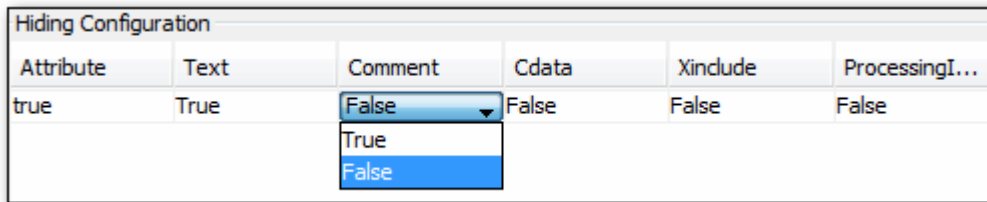
4.2. XML FILTER - HIDE/DISPLAY PROPERTIES IN XML TREES

Create hide/display filtering rules by selecting elements and then determine what to hide/display

1. From the Tools menu, Select **XML Filter**.
2. Click on **Add Row**.
3. Select the desired elements and then the properties to display/hide.

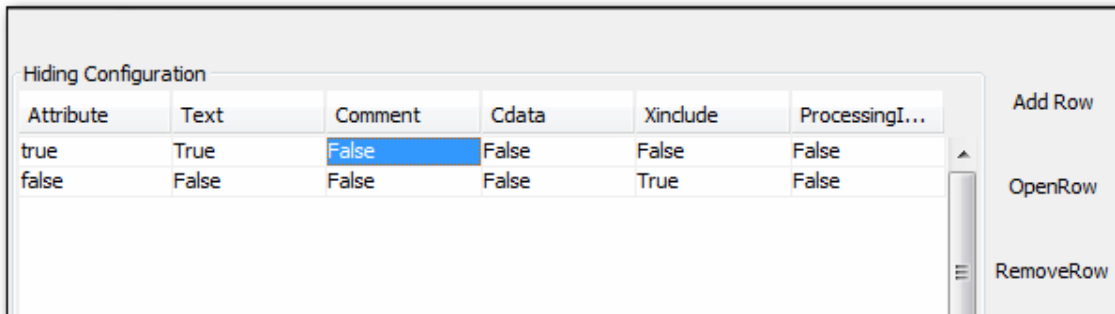


- Once you create filtering rules you can add rows, remove rows, and open a row for editing by clicking on the appropriate button in the **XML Filter** dialog, or easily and flexibly edit a row by clicking on the **False/True** of the desired property and changing it.



The screenshot shows a dialog titled "Hiding Configuration" with a table. The table has columns: Attribute, Text, Comment, Cdata, Xinclude, and ProcessingI... The first row has values: true, True, False, False, False, False. A dropdown menu is open over the "False" in the Comment column, showing options "True" and "False".

Attribute	Text	Comment	Cdata	Xinclude	ProcessingI...
true	True	False	False	False	False



The screenshot shows the "Hiding Configuration" dialog with a table containing two rows. The first row has values: true, True, False, False, False, False. The second row has values: false, False, False, False, True, False. The "False" in the first row's Comment column is highlighted. To the right of the table are three buttons: "Add Row", "OpenRow", and "RemoveRow".


Attribute	Text	Comment	Cdata	Xinclude	ProcessingI...
true	True	False	False	False	False
false	False	False	False	True	False

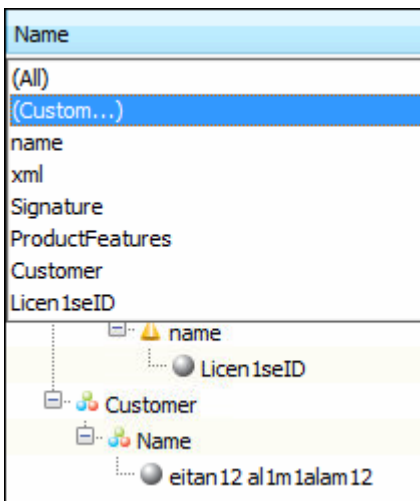
A two-rule configuration

4.3. BUILT-IN FILTERING OPERATORS

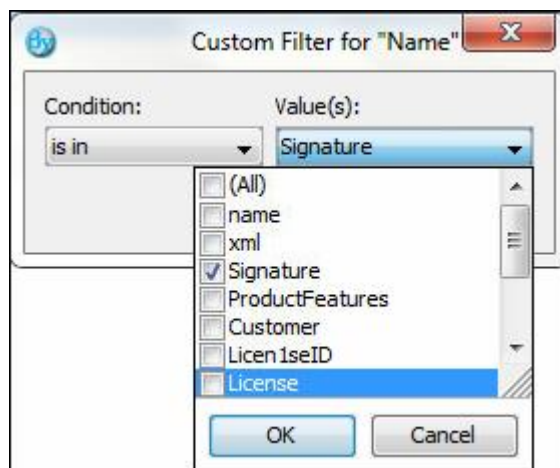
Use common built-in filtering operators such as AND, OR, EQUAL/NOT EQUAL, LESS THAN/GREATER THAN and many others to create customized queries.

The customized filtering option allows you to use various filtering operators for extensive and precise filtering:

1. Click on the filtering icon at the top-right corner of the pane (in the **Name** bar – hover over it to display it)  :
2. Select (**Custom...**) – the top item on the list

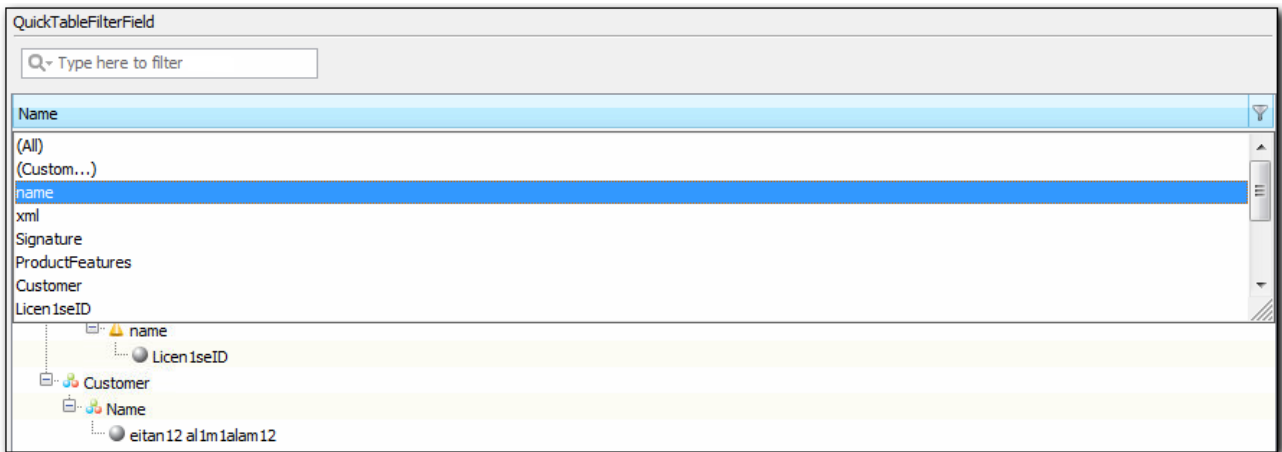


6. Specify the condition and the value and click OK.



4.4. BUILT-IN FILTERING CRITERIA

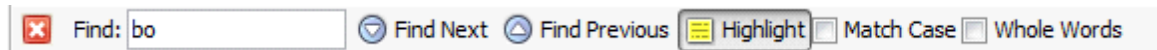
1. Click on the filtering icon at the top-right corner of the pane (in the **Name** bar – hover over it to display it) :



2. Select the desired criteria from the list

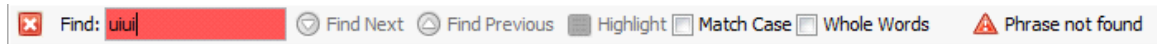
5. SEARCH AND FIND

The Search and Find mechanism is located at the bottom of the main text window.



As you enter text in the **Find** field matching text will be displayed. Click on **Highlight** to have matching text highlighted as you type.

If there is no match, the message **Phrase not found** is displayed.



5.1. OTHER FIND OPTIONS


- Find Next** Highlight the next match
- Find Previous** Highlight the previous match
- Highlight** Highlight all the matching entries
- Match Case** Takes capital letters into consideration
- Whole Word** Highlight only if a complete word matches

5.2. SORTING

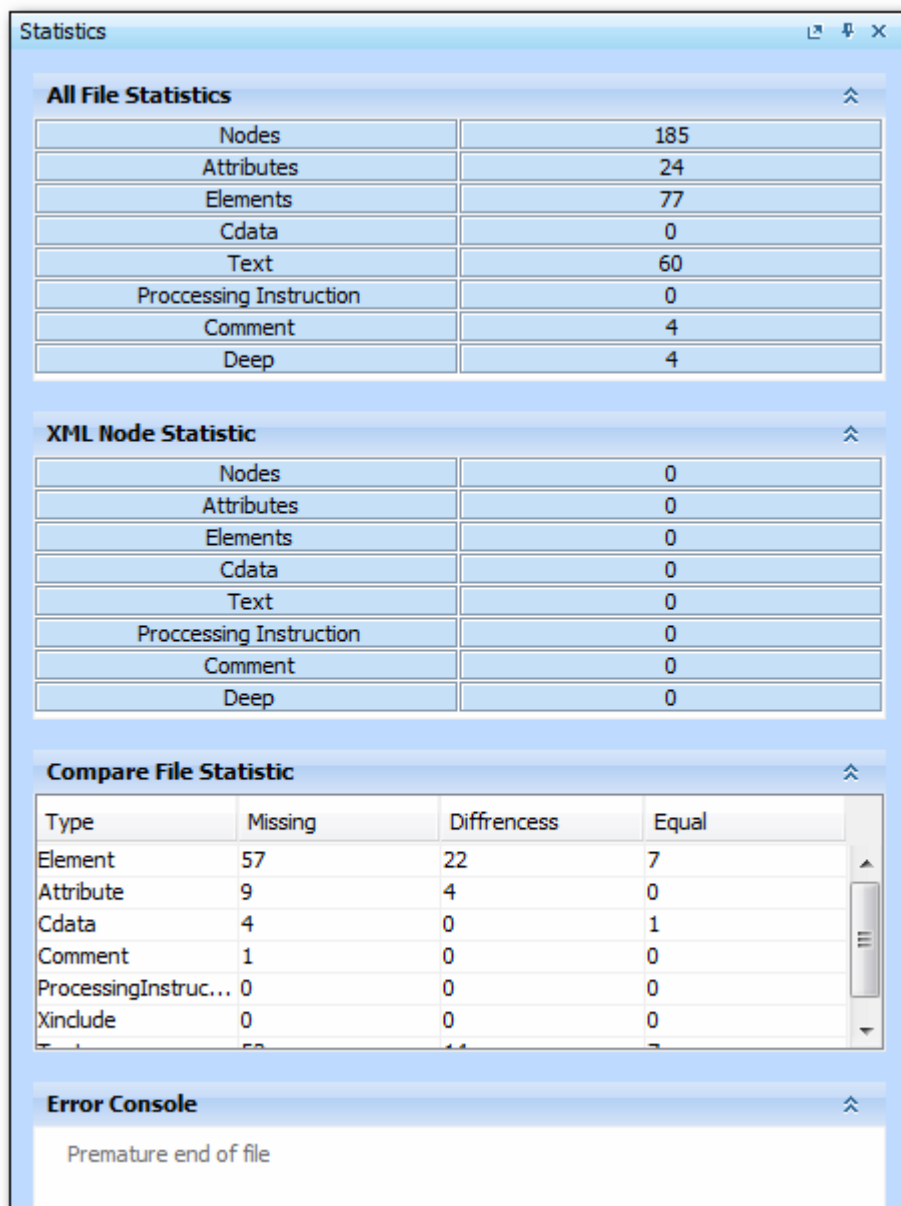
Click on the header above the elements list (**name**) to sort the element in ascending or descending order.

6. XML STATISTICS

BeyondXML is the only XML editor that offers extensive segmented statistics including the number of Nodes, Attributes, Elements, Cdata text, Processing Instruction and Deep at both the file and the node level, as well as statistics of the last compare results.

The Statistics pane is always displayed on the right of the screen by default. You can use the display functions of the Statistics pane  to float the pane, auto-hide/display it, and close it

The statistics screen is arranged in three segments that can be collapsed and expanded: All file statistics, XML Node statistics, and statistics of the last file compare action you performed.



All File Statistics

Nodes	185
Attributes	24
Elements	77
Cdata	0
Text	60
Processing Instruction	0
Comment	4
Deep	4

XML Node Statistic

Nodes	0
Attributes	0
Elements	0
Cdata	0
Text	0
Processing Instruction	0
Comment	0
Deep	0

Compare File Statistic

Type	Missing	Diffrenceess	Equal
Element	57	22	7
Attribute	9	4	0
Cdata	4	0	1
Comment	1	0	0
ProcessingInstruc...	0	0	0
Xinclude	0	0	0

Error Console

Premature end of file

7. REPORTS

BeyondXML offers a ‘reports’ function summarizing the results of files comparison and showing extensive details of missing and different elements and attributes.













1. Select **Report** for the Tools menu in the compared file
2. Chose the location for saving the report and click on **Generate report**. The report will be saved in HTML format in a folder named **BeyondXML Reports**.
3. Double-click on the report to display it in your default browser.

BeyondXML Report

Details Report for Comparison Cardigan-Cat_Cardigan-Catalog Files

Description	Number Of Fields	Description	Number Of Fields
Total number of equal Elements	24	Total number of equal Text	17
Total number of differences Elements	5	Total number of differences Text	0
Total number of missing Elements	9	Total number of missing Text	10
Total number of equal Attributes	24	Total number of equal Comments	0
Total number of differences Attributes	1	Total number of differences Comments	0
Total number of missing Attributes	7	Total number of missing Comments	3
Total number of equal Cdata	0	Total number of equal ProcessingInstruction	0
Total number of differences Cdata	0	Total number of differences ProcessingInstruction	0
Total number of missing Cdata	0	Total number of missing ProcessingInstruction	0



Element Comparison:

Left	Right
 xml	 xml
<ul style="list-style-type: none">   version   catalog 	<ul style="list-style-type: none">   version   Catalog Winter 2015   catalog

The elements in the **Element Comparison** section are displayed. The various nodes can dynamically be expanded or collapsed by clicking the ‘+’ of the relevant node on the html report.

In the below screenshot, you can see the same Report with deeper levels of detail.

Element Comparison:

Left	Right
 <p>xml</p> <ul style="list-style-type: none">versioncatalog<ul style="list-style-type: none">product<ul style="list-style-type: none">descriptionproduct_imagecatalog_itemgenderitem_numberpricesizesizecatalog_item<ul style="list-style-type: none">catalog_item	 <p>xml</p> <ul style="list-style-type: none">version<ul style="list-style-type: none">Catalog Winter 2015catalog<ul style="list-style-type: none">product<ul style="list-style-type: none">descriptionproduct_imagecatalog_itemgenderitem_numberpricesizesizecatalog_item<ul style="list-style-type: none">CommentCommentcatalog_itemcatalog_item