Three-way XML Diff
&
Visual Diff

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Overview

- Three-way documents comparison
- Using an XML algorithm for three-way comparison
- Visualize and merge modifications in the Author mode
Three-way Diff

- Used when commit/reintegrate changes in a document
- Visualize and merge the modified content
Documents Workflow

- Modify
  - Two-way compare
  - Commit
  - Modify
  - Two-way compare
  - Commit
Documents Workflow

- Modify
- Three-way compare
- Commit

Two-way compare

Modify
Commit
Three-way Compare

Local Modifications
Two-way compare

Remote modifications
Two-way compare

Both Local and Remote Modifications
Three-way compare
Three-way Diff

- Used by versioning systems (such as GIT, SVN, Mercurial)
  - Review modified content
  - Solve conflicts
Three-way Diff in <oXygen/>

- Available in Syncro SVN Client
- Based on the “Lines” algorithm
- Limitation if parts of the documents are rearranged or when you want to ignore nodes
Three-way XML Diff

- Marks the differences correctly also when the document structure is rearranged
- Merge only XML-relevant modifications
XML Diff Ignore Options

- Processing instructions
- Comments
- CDATA
- DOCTYPE
- Text
- Attributes order
- Namespace and prefixe
Second-Level Diff

- Easily spot the differences in text content
- Merge the exact modification
Visual Diff

- Visualize modifications in the Author page
- Merge modifications in the Author page

<table>
<thead>
<tr>
<th>Introduction to Growing Flowers</th>
<th>Introduction to Growing</th>
</tr>
</thead>
<tbody>
<tr>
<td>With just a little bit of care and preparation, any flower garden can be a vibrantly colored environment. Flowers can be selected for specific blooming seasons. Both annual and perennial flower gardens can be planted depending on climate and specific needs.</td>
<td>With just a little bit of care and preparation, any flower garden can be a vibrantly colored environment. Flower can be selected for specific blooming seasons, colors and shapes. Both annual and perennial flower gardens can be planted depending on climate and specific needs.</td>
</tr>
<tr>
<td>Read more about growing flowers:</td>
<td>Read more about growing flowers here:</td>
</tr>
</tbody>
</table>
Visual Diff Ignore Options

• Processing instructions
• Comments
• CData
• DOCTYPE
• Text
• Attributes order
• Namespace and prefix
Visual Diff Second-Level

- Simultaneously highlight of text block modifications and word-level differences
- Merge only the modified words
Visual Diff Merge

- Copy all non-conflicting modifications
- Manage each difference
- In-place widget for quicker access
- Navigate through block of differences and word-level differences
Thank you!

Questions?

<oXygen/> XML Editor
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