

DeltaXML Sync - Synchronising Change in XML

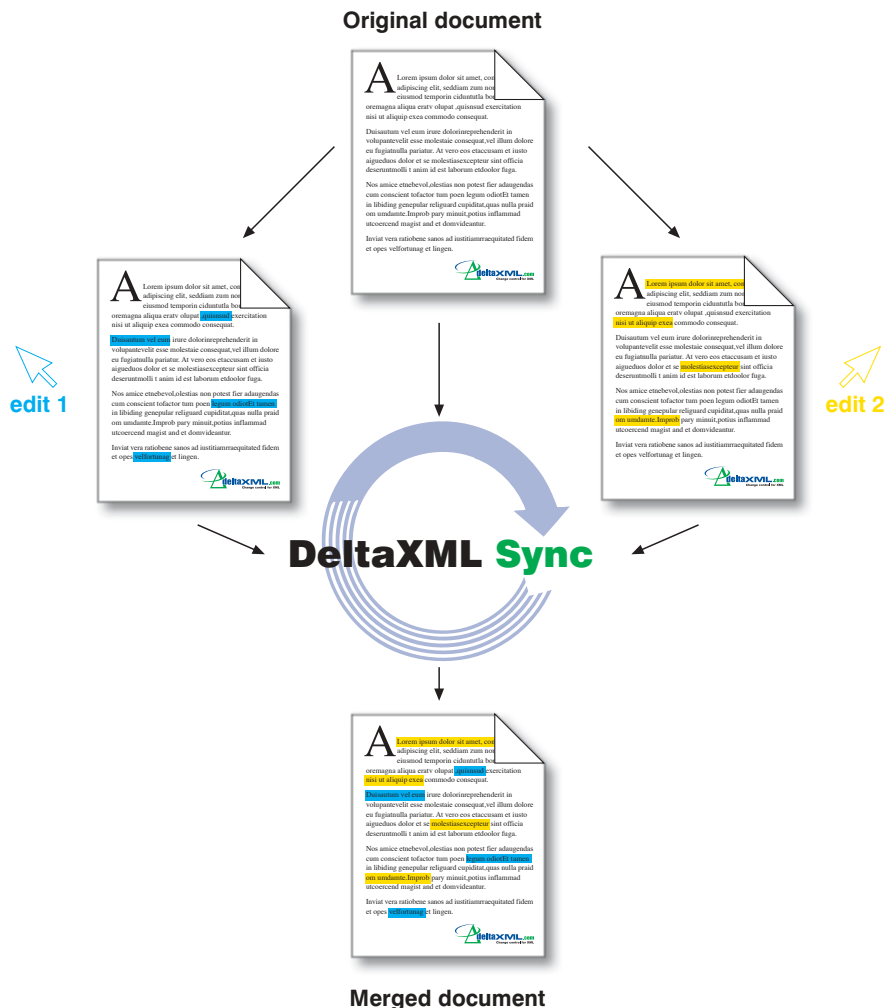


Prodigious performance in XML applications

DeltaXML Sync has been designed to meet the needs of organisations with concurrent editors working on the same document. Whether in a multi-lingual environment where changes to a master document have many repercussions or simply where two editors provide different changes to the same document, DeltaXML Sync can analyse the changes and deliver a single synchronized document.

Editors can easily pick up the synchronized document and identify not just the merged changes to the document but those where conflict still arises. The advantage is gained in not having to work through the changes of each version in separate documents and in concentrating resources only on those areas that conflict.

In both the translation and legal worlds there are many instances where one master document may have many 'sister' variants. In this instance a change to one document can be propagated across all variants without excessive manual intervention.



How it works

In this typical use scenario, editors 1 (blue) and 2 (green) are making independent changes to the same original document. Using DeltaXML Sync, the edited files can be automatically merged with the original content to create a new and combined master document. Potential conflicts – such as differing amendments to the same text elements – can be quickly resolved with the aid of flexible user-defined rules.

*"To get a sense of what's possible, check out DeltaXML's online demo... (which) compares two subtly different versions of a complex graphic and animates the differences between the two. **It's stunningly cool!**"*

Jon Udell, InfoWorld



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Working in harmony in XML

DeltaXML Sync is a 'generic' solution, which means it is easy to implement for any XML. Thanks to its power, resilience and exceptional versatility, the range of potential applications is huge; below are some of the roles in which DeltaXML Sync offers the most immediate benefits. Since all data is processed as pure XML, DeltaXML Sync is fully compatible with your existing XML infrastructures.

• Collaborative Editing

- Synchronize edits from multiple concurrent users
- Identify and resolve conflicts in concurrent edits
- Control XML workflows
- Use any XML tools to edit content

• SVG and XHTML

- Identify edits and review within original context
- Create 'before-and-after' animations of Scalable Vector Graphics (SVG)
 - see www.deltaxml.com/svg
- Merge concurrent edits
- Synchronize concurrent edits and:
 - resolve conflicts
 - propagate changes
 - manage variants

• Database Management

- Synchronize local and remote data stores
- Allow concurrent changes while resolving potential conflicts
- Reduce bandwidth requirements during replication
- Leverage XML standards for ease of integration

• Software Distribution

- Simplify distribution of configuration files as follows:
 - distribute version 1 of your configuration file
 - customer edits version 1 to create 'edit 1'
 - you release version 2 ('edit 2') of your configuration file
 - use DeltaXML Sync to create a 'version 2' configuration file incorporating all customer edits and automatically resolving any conflicts

Standards-based

DeltaXML Sync integrates with relevant Java XML standards, including SAX and JAXP/TrAX. Supported on J2SE 1.3 and later, on all platforms.

Find out more

DeltaXML Sync is just one of the applications to emerge from our key technology, DeltaXML Core. This industrial-strength engine offers powerful and versatile change control functionality for generic XML environments.

To find out how DeltaXML products can deliver value for you and meet your specific technical needs, visit: www.deltaxml.com

To find out more about DeltaXML Sync visit: www.deltaxml.com/products/sync

Or contact us directly at sales@deltaxml.com or telephone us on +44 1684 869035

