



# Oxygen XML SDK

Specifically designed for application developers and integrators, oXygen XML SDK is the most comprehensive library for visual XML editing currently available on the market.

Resulting from a continuous development effort of more than 10 years, the oXygen suite of products is established as the leader in XML editing for all major XML standards and this is why so many successful Content Management Systems have selected the oXygen XML SDK as the base platform for all of their visual XML editing needs.

## Use Cases



### Integrate Web Author Component

You can use the SDK to deploy the oXygen Web Author Component on a server to provide functionality for visual editing and reviewing on web-based devices. It combines the power of oXygen XML Author and the versatility of HTML5.



### Integrate Author Component

The SDK can be used to integrate the visual oXygen Author Component into your own Swing applications. One common use case is to embed the Author Component as a Java Applet in a Web application (CMS front end).



### Customize Frameworks

Use the SDK to develop a custom framework (document type) with custom actions and extensions for the Author visual editing mode in oXygen XML Editor. Your customizations can then be shared with other members of your team.



### Plugins

The SDK can be used to implement plugins for oXygen XML standalone versions. These plugins can be used to add extra functionality to the interface, operations, or other components of oXygen products using a series of application-provided extension points.



## Features & Benefits



### Ready for Web Applications

Using SDK features, you can add XML editing capabilities to both standalone and web applications (on mobile devices or desktop browsers). You can leverage the XML frameworks or plugins already developed for oXygen XML Author and deploy them in web applications with a high degree of compatibility, flexibility, and customization possibilities.



### Easy to Use & Learn

The SDK is based upon popular industry standards and does not require users to learn proprietary languages, complicated tools, or special development environments. It is available as a set of Maven artifacts and archetypes are provided that can be used as a base to develop oXygen frameworks, plugins, Eclipse integrations, and projects that use the Author or Web Author Component.



### Upgrade-Friendly

The oXygen XML SDK is designed to be upgrade-friendly as Syncro Soft is committed to maintaining backward-compatible interfaces and strives to change the interfaces only when absolutely necessary. Very few code changes (if any) should be required when upgrading to a new version.



### Powerful Integration

The oXygen SDK is the most fully developed and comprehensive SDK on the market for adding XML authoring capabilities to your applications. Its architecture maintains a clear separation between core and user interface components, allowing developers to work directly with the same core that is used by oXygen XML Editor.

### Availability

Oxygen XML SDK is available at [www.oxygenxml.com/oxygen\\_sdk.html](http://www.oxygenxml.com/oxygen_sdk.html). Simply click on the Free Registration button to sign up and you will have access to all the features of the SDK.