



## FORMTEK | ORION 5 SDK

### HIGHLIGHTS

**The Formtek | Orion 5 SDK allows for development of customer-specific user interfaces that embed Formtek Content Repository Services functionality**

**Provides a robust, scalable, and distributed Java interface**

**Exposes a component-based infrastructure that allows application development in an Object-Oriented environment**

**Provides flexibility to quickly build web-based and/or Client-Server Content Management Applications**

**Easy to use, extendable and allows integration with other applications**

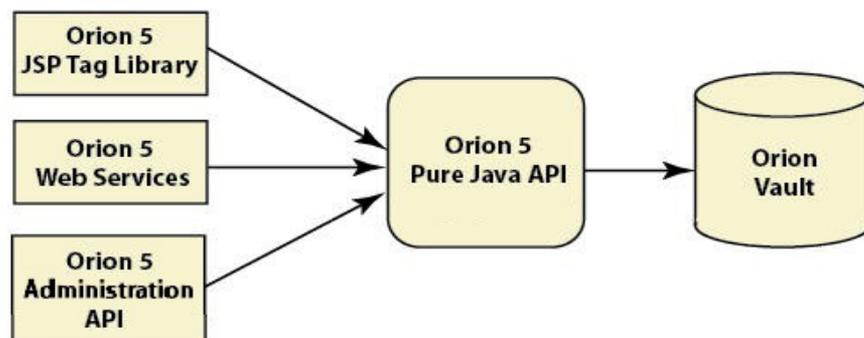
**Enables complete control of Orion Content Repository Services Functionality, including most Orion Administration functions**

The Formtek | Orion 5 Software Development Kit (SDK) provides a breadth of Content Repository Services (CRS) development and integration tools for creating content and document management solutions, or content-enabling any number of software applications. Equipped with these tools, organizations can apply their own business policies and rules to custom tailor a common content repository infrastructure to meet their unique requirements.

Given the wide range of user and solution problems across the data life cycle and enterprise, organizations require many specific applications, each of which creates new content, or accesses existing content. Addressing these content requirements poses a challenge as each of these applications may be highly reliant on customized development, or reliant on a full implementation of a proprietary content management product.

The Formtek | Orion 5 SDK responds to this challenge by enabling Formtek | Orion 5 to function as the common storage facility for content. This in turn enables developers to implement applications without having to re-implement or duplicate commonly used content repository functions. And it allows IT to support a single content repository infrastructure, versus having to support multiple customized or proprietary content management systems.

The Orion 5 SDK includes a JSP Tag Library, a Web Services capability, and a Java API for adapting an organization's complex application environment to specific problems, while preserving underlying content management consistency. Equipped with this toolkit, IT organizations apply their own expertise to encapsulate business structures and policies within a single, unified content repository.



Formtek | Orion 5 SDK Interaction

## The Formtek | Orion 5 Software Development Kit (SDK) is comprised of the following modules:

### Formtek | Orion 5 SDK Pure Java API

The Formtek | Orion 5 JSP Tag Libraries are built as a layer on top of the Formtek | Orion 5 SDK Pure Java Application Programming Interface (SDK Java API) and designed specifically for creating browser-based applications. The SDK Java API module is more flexible and intended to be used more generically in creating content repository solutions.

The SDK Java API provides very granular control of the Content Repository through an object-oriented Java interface. The low-level extensibility of the SDK Pure Java API provides a comprehensive set of object interfaces to enable complete control of all aspects of the CRS functionality, such as check-in, check-out, versioning, security control, and transaction logging.

### Formtek | Orion 5 SDK Administration API

Formtek's Content Repository Services software technology includes easy-to-use system administration tools for managing users, data types, security, revisions, privileges, and distributed storage. The Formtek | Orion 5 SDK Administration API module allows most Orion administration functions to be performed programmatically through an object-oriented Java interface.

### Formtek | Orion 5 SDK Web Services

The Formtek | Orion 5 SDK Web Services (SDK Web Services) provides a Web Services interface to Formtek CRS functionality. The SDK Web Services module is a natural foundation for building content repository components within a Services-Oriented Architecture (SOA). SDK Web Services are the tool of choice for creating portal and browser-based applications that embed Content Repository Services.

The always-connected event-interaction capability also makes SDK Web Services an attractive choice when building next-generation, rich graphic user interface clients. The XML-centric, language-neutral SOAP protocol used by the SDK Web Services allows easy integration with a variety of platforms and development languages. For example, both .NET and Java clients can interact with the same SDK Web Services interface.

### Formtek | Orion 5 SDK JavaServer Pages (JSP) Tag Library

Formtek | Orion 5 Access applications have been built around a core set of re-usable JavaServer Page (JSP) tags that are packaged as part of the Orion 5 Access module. By inserting JSP Tag Library tags into a web page, complex library service functionality can easily be added to browser-based applications. The Orion 5 Access application serves as a template that emulates the JSP Tag Library usage and its capability. This allows developers to concentrate on creating the overall business logic of their application without spending excessive time on the integration of library service functionality.



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#### ABOUT FORMTEK

Formtek, Inc. provides secure and scalable enterprise content management (ECM) and document management software and implementation services to worldwide customers and partners in the manufacturing, aerospace, defense, telecommunication, utility, government, and other markets. We build solutions on software technology platforms that are open and adaptable to complex IT environments, including Formtek | Orion Content Repository Services, Ephesoft Smart Capture, and the Alfresco Content and Process Services platform.

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