



## OVERVIEW

# Alchemy Software Developer Kit (SDK)

Helps Programmers Create Custom Applications and Integrations Using the Alchemy APIs

## FEATURES AT A GLANCE

- Access to the robust set of Alchemy COM and ActiveX APIs
- Programmers reference manual
- Sample code
- Access to API training and support

The Captaris Alchemy Software Developers Kit (SDK) consists of documentation and tools to leverage the Component Object Model (COM) object interfaces and ActiveX controls for the Alchemy Windows product line. The Alchemy SDK extends the use of Alchemy repositories, processes and user functionality into mission-critical business applications.

The Alchemy APIs provide a mechanism for developers to incorporate Alchemy functionality into a custom application using the COM specification. The APIs consist of two main parts.

**Alchemy Objects** provide the main functionality of Alchemy, while allowing programmatic control and flexibility over how Alchemy is implemented in a custom application. Available functionality includes:

- Application object - the top-level object in the Alchemy object model contains and controls all other objects in the hierarchy
- Database objects including database lists, folders, fields and items
- Document viewer object leverages the rich Alchemy viewer set
- Table of contents view object
- Security group object to manipulate user access rights
- Query, search and results list objects
- Scan and OCR objects

**Alchemy ActiveX Controls** can be added to an application by dropping a representation of the control from a development environment toolbox onto your project's COM compliant container—typically a designer form of some type. Use these controls to provide visual display of a specific aspect of Alchemy functionality. There are three ActiveX controls:

- The FrameX Control object represents the complete Alchemy application and allows you to control the layout of all panes within Alchemy.
- The ViewerX Control represents the document Viewer pane in Alchemy and allows you to control the layout and the interaction of the pane.
- The TreeViewX Control represents the Table of Contents pane in Alchemy and allows you to control the layout and the interaction of the pane.

## SDK PACKAGING

The Alchemy Software Developers Kit comes with a Programmers Reference Manual as well as code samples to help jump-start your special project. To test or deploy an SDK-driven application requires the appropriate Alchemy licenses that will be included in your final solution.

## SDK TRAINING AND SUPPORT

Take advantage of Alchemy SDK training classes for those developers looking for a fast start on their Alchemy implementation. Technical support is provided through SDK Incident Packs. Contact Technical Support for more information.

## WEB INTEGRATION

To integrate Alchemy data or functionality with Web-based applications such as portals, we offer two other options. The Alchemy Web Engine provides SOAP and XML interfaces. The Alchemy Web server provides some basic integration capabilities for Internet Explorer. Consult the Alchemy Web data sheet for more information.

## SYSTEM REQUIREMENTS

The Alchemy APIs are installed along with the following Alchemy licenses: Administrator, Index Station, Search and Scan. Custom applications require the presence of these licenses for development testing and for run time deployment.

A COM-compliant development environment should provide an ActiveX container in order to site the Alchemy ActiveX controls. Examples of this type of environment include Microsoft Visual Basic, Microsoft Visual C++, Sybase PowerBuilder and Inprise C Builder. Users of the Alchemy SDK should be proficient in one of these languages and should have a good working knowledge of the Alchemy product.

## FOR MORE INFORMATION

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