



Zoom Search Engine SDK

Wrensoft's Zoom Search Engine SDK Overview

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REVISION HISTORY

Revision	Revision History	Author	Date
V7.1 Ed 1.0	New release for V7.1	RL	8 Feb 2016
V7 Ed 1.0	New release for V7	RL	22 Sep 2014
V6 Ed 1.0	New release for V6	RL	26 Feb 2009
V5 Ed 1.0	First release	SK	15 Feb 2007

1.0 Introduction

Wrensoft produces the Zoom Search Engine, a software package that adds a powerful custom search engine to your website, Intranet, or CD/DVD-ROM. The Zoom Search Engine SDK package provides an extra level of customization of the Zoom Search Engine that is not possible with the normal Zoom Search Engine package. With this SDK, you can:

- Customize CGI search script
- Create/modify valid Zoom configuration file from external applications
- Help integrate Zoom into other applications using XML

1.1 What is included in the Zoom Search Engine SDK package?

The Zoom Search Engine SDK package consists of the following:

1. Zoom configuration file format specification document
2. Zoom XML output specification document
3. C++ source code for server-side CGI search application for the following platforms:
 - Windows 32-bit and 64-bit
 - Linux 32-bit and 64-bit
 - BSD Unix 32-bit and 64-bit
 - Sparc/Solaris 64-bit
 - Mac OSX 64-bit

1.2 What is NOT included in the Zoom Search Engine SDK package?

This package does not include the Zoom Search Engine product itself. This package only contains additional source code and technical documents for Zoom. Only the source code for “search.cgi” is provided. The source code for the Zoom Indexer is not being made available. The source code for search.php and search.asp are already available as part of the normal Zoom package.

2.0 Getting Started

The benefits of the Zoom Search Engine SDK are that you are able to:

- Customize CGI search script
- Create/modify valid Zoom configuration file from external applications
- Integrate Zoom into other applications using XML

2.1 Customize CGI search script

The C++ source code for the search CGI is included in the SDK package. It gives developer full control over every aspect of the search function.

BSD, Linux and Sparc Solaris

The makefiles for BSD, Linux and Sparc are included for convenient re-compilation of your changes. Wrensoft provides no guarantee that these makefiles will work on every BSD, Linux or Sparc platforms and distributions. These makefiles have been tested on FreeBSD 4.8-STABLE, Debian GNU/Linux kernel 2.2 and Sparc Solaris 10 6/06.

Windows

The Visual Studio project file is included for convenient re-compilation of your changes in Windows. Wrensoft provides no guarantee that the project file can be opened (or converted) on all versions of Visual Studio. The project file has been tested on Microsoft Visual Studio 2008.

Mac OSX

There is now a makefile for OSX. However, in our experience, should you have problems with the OSX makefile, you may have success with using the Linux makefile instead.

2.2 Create/modify valid Zoom configuration file from external applications

The document entitled “Zoom V7 Config Spec” describes the Zoom Indexer configuration file format that Zoom Indexer uses to store its configuration settings. External applications may create or modify a valid Zoom configuration file based on the rules and requirements of this specification.

Example scenario:

You have a web portal that provides each user with customizable search content. The user changes the settings for the search content via its “My Search Content” preference. You then use a script (e.g. PHP or ASP) that writes the Zoom Indexer configuration settings file (say “johndoe.zcfg”) in the user’s home directory. You might have a scheduled task that runs Zoom Indexer via the command line, specifying the configuration file to use.

2.3 Integrate Zoom into other applications using XML

By querying the search.cgi with the “zoom_xml=1” parameter (i.e. we concatenate the HTTP search URL “http://mywebserver.com/search.cgi?zoom_query=foo” with “&zoom_xml=1”, becoming “http://mywebserver.com/search.cgi?zoom_query=foo&zoom_xml=1”), the search results will be returned in Zoom Response RSS/XML format. This Zoom Response RSS/XML output format is an open standard as described in “Zoom V6 Response Spec” and conforming to [OpenSearch Specification](#). Users wishing to reformat the search results or feed the search results into an external application can do so by processing the XML output that is spelled out in this specification. Furthermore, since it is an XML/RSS format conforming to OpenSearch standard, there might already be applications that do what you need out there. Have a look at [OpenSearch's Community](#) to see if there might be such software for you.

3.0 License & Intellectual Property Rights

Wrensoft will retain all ownership and intellectual property rights for Zoom Search Engine SDK. Purchasing the license for Zoom Search Engine SDK, for the agreed price, allows you to use the SDK as part of your product without paying additional royalties and without limit on the number of products distributed or the time period of the distribution. The license prohibits the right to on-sell, or give away free of charge, the library separately or to develop any product that may be in competition with the Zoom Search Engine SDK using the SDK itself.

4.0 Purchasing Information

Price

\$199 USD

What happens when you order

After purchase a ZIP file with the source code will be made available for download within 1 business day after the purchase.

What you get when you purchase the software

Free Technical support via the Web and E-Mail

<http://www.wrensoft.com/support/>

Free updates to docs and code for 12 months

<http://www.wrensoft.com/zoomsdk/>

Confidentiality

All personal details supplied when placing an order will be strictly confidential. Online orders will only be accepted over a secure, encrypted connection.

Questions & more information

If you have any questions we would be happy to hear about them. Contact sales@wrensoft.com.

5.0 Contacting Wrensoft®

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