

AppleSearch offers a powerful yet easy way for Macintosh users to access information on a server by providing text search and retrieval. Client users can quickly find information on topics they specify or they can let AppleSearch act as a personal agent that periodically provides updated information.

AppleSearch provides electronic “Reporters” and newspaper-like updates as intuitive ways to obtain personalized information. A Reporter is a user-defined electronic search agent that looks for and retrieves the information requested. If a Reporter is set to make scheduled searches, it looks for new or recently modified documents relevant to the search request and automatically delivers the results—from the server to the user’s computer—in an easy-to-read update.

Both beginners and expert users will benefit from a wide range of query features. Because AppleSearch processes natural language search queries, users can simply ask for information in their own words. They can also search for a particular phrase or for terms that occur

frequently with a search query term. For users familiar with the Boolean query language, AppleSearch supports the full range of Boolean operators.

AppleSearch gives users transparent access to documents in various formats, including word-processing, page-layout, spreadsheets, and electronic-mail. XTND file format translators extract plain text from these document types so that AppleSearch clients can view the text regardless of the document’s original format.

AppleSearch information sources are shared folders of documents (such as correspondence, reports, or on-line newsfeeds) that reside on the server or a locally mounted volume.

The AppleSearch search engine automatically creates an index for each information source, which is used to find the best matches to user search requests. Using a one- to five-star rating system, results are automatically ranked in the order of their relevance to the request.

Benefits

Easy to use

- ▶ Allows search queries to be entered in the user’s own words

Personalized information updates

- ▶ Formatted updates delivered to user’s desktop on a daily or weekly basis

Easy-to-read, prioritized information

- ▶ Provides quick access to the most relevant document titles

Transparent access to source documents

- ▶ Displays text independently of the original application

Powerful full-featured search engine

- ▶ Processes natural language or Boolean queries

Easy to administer

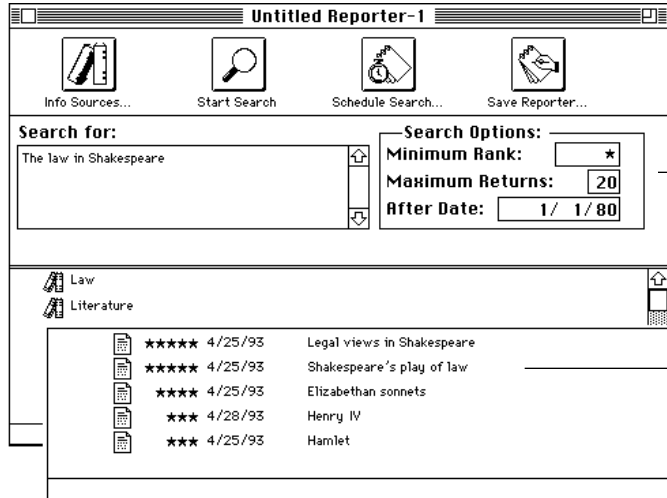
- ▶ Provides automated indexing of information sources

Customizable

- ▶ Can be adapted to meet an organization’s specific needs

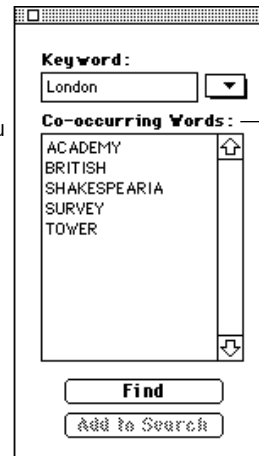
Product Details

Enter a search query, and let AppleSearch find the best matches for you.



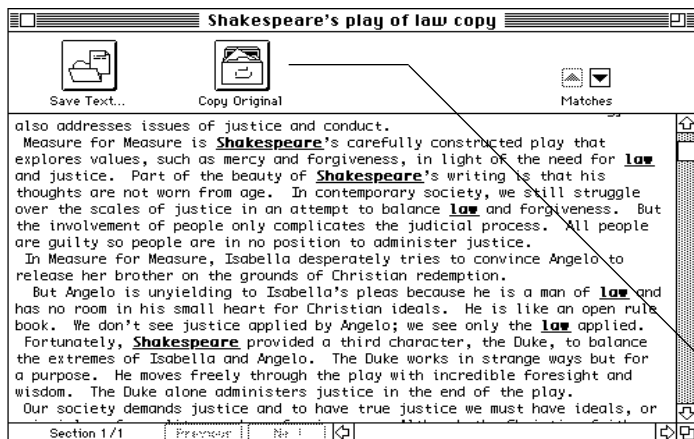
Search options allow you to regulate the ranking, number of documents returned, and the dates to be searched.

You will quickly see a list of documents ranked according to how well they match your search criteria.

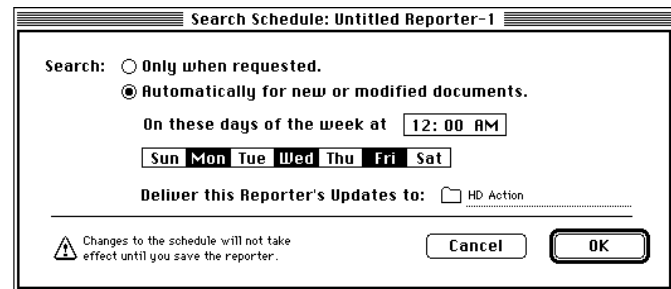


The co-occurring words feature helps to expand the search by returning a list of words that are most frequently found with the word you specify in your search request.

Get immediate results with the matched terms highlighted...

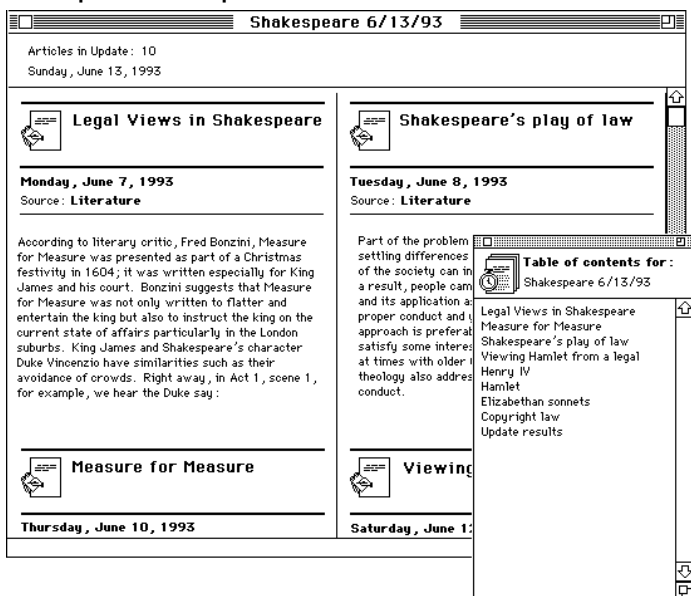


...or schedule the delivery of a personalized update.



You can choose to view the text of a document or retrieve it in its original format.

View a personalized update...



...or use the Table of Contents feature to review a list of all article titles.

AppleSearch Client

The Client software provides electronic Reporters and newspaper-like updates as an intuitive way to retrieve information when it is needed. You create an AppleSearch Reporter to search for information on a specific topic. The AppleSearch Reporter searches all selected information sources on the AppleSearch server for key words in a query, then quickly provides a list of documents that are relevant to the query ranked from 1 to 5 stars.

You can choose to view the text of each document, or you can retrieve the full document in its original format. AppleSearch can display the Reporter's results in an update created automatically, on a regular basis, and delivered to a specified location on a hard disk. The Reporters can be saved to use again or to share with colleagues.

Setup and Configuration

- ▶ AppleSearch is quick and easy to install. You simply double-click the Installer icon on your Setup disk for both the Client and the Server.
- ▶ Supports up to 50 users.

Information Sources

- ▶ Any shared folder on an AppleSearch server volume.
- ▶ Users can make information available to be searched and retrieved by dragging document files into shared folders on the server.
- ▶ Can reside on any locally mounted volume such as a hard drive or CD-ROM.

Indexing

- ▶ For each AppleSearch information source, AppleSearch indexes all documents and creates an index file of query terms.
- ▶ Indexes information sources at 10-30 megabytes/hour (depending on the type of computer used for the server and the file format of the documents).
- ▶ The network administrator can schedule incremental indexing to occur automatically at hourly, daily, or weekly intervals. Portions of an index will be updated when documents are modified in the corresponding info source.
- ▶ Performs automatic compacting to reorganize the index and release unused disk space.
- ▶ Typically requires the same amount of disk space as the text of the content itself.
- ▶ A CD-ROM can be made AppleSearch-ready simply by preindexing its content.

Document Independence

Apple's XTND file format translator technology in conjunction with MacLinkPlus/AppleSearch, from DataViz, Inc., is used for AppleSearch indexing, searching and retrieving. It allows AppleSearch users to view the text of nearly all document types without using the application that created it.

The following translators are included with AppleSearch server software: MacWrite versions 4.5, 5.0, and II; Microsoft Word for Macintosh version 3.0, 4.0, 5.0, and 5.1; Microsoft Works (word processing) versions 2.0 and 3.0; FrameMaker MIF versions 2.0 and 3.0; PageMaker version 4.0; Ragtime version 3.1; Apple Works; WriteNow versions 2.0 and 3.0; Nisus version 3.0; PICT. Additional translators are available from third-party developers.

Reporters and Updates

- ▶ Reporters contain search criteria defined by the user; once saved, they reside on the server and can be scheduled to periodically search and retrieve information relevant to the search request.
- ▶ Results found by a scheduled reporter are automatically formatted in an easy-to-read update and delivered to users on the days and times they specify.
- ▶ The Import/Export Reporter feature allows users to share Reporters.

Security

- ▶ Provides password logon to the server.
- ▶ Manages search requests based on the user access privileges associated with the security features of AppleShare or Macintosh System 7 file sharing.
- ▶ Allows guest users to conduct on-demand searching.

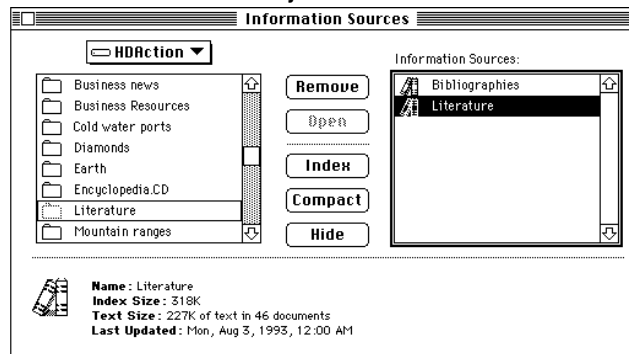
Query Features

- ▶ Natural language processing—allows users to process queries in their own words and get effective results.
- ▶ Relevancy ranking—assigns a ranking to each document according to its relevance to the search query.
- ▶ Co-occurring words—displays words that frequently co-occur with a query term.
- ▶ Stemming—searches for variations of the root query term.
- ▶ Proximity—searches for words within a certain number of words.
- ▶ Phrase searching—searches for two or more words next to each other.
- ▶ Wild string—searches for part of the search term.
- ▶ Boolean operators (and, or, not) supported.

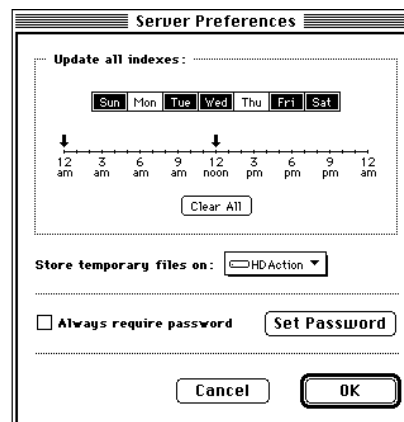
AppleSearch Client Developer's Kit

The Client Developer's Kit is for developers who want to write custom client interfaces to the AppleSearch server or integrate AppleSearch functionality with other applications. The API comes in C Library and Apple events versions. The kit includes several header and object files, developer documentation, and a sample application with source code. With this kit you also get the AppleSearch Update File Format Developer's Kit, which includes utility routines and the *AppleSearch Update File Format Reference*, needed to write software that can read and write AppleSearch-compatible updates.

Server administration is easy.



Make information sources available to AppleSearch users with the click of a button.



Automatic indexing updates information source index files according to a specified schedule.

AppleSearch Server

The Server software has a feature-rich search engine from Personal Library Software that processes the queries of AppleSearch client users. For each information source, AppleSearch maintains an index of all potential query terms in the document and their relationship to each other. You can index an information source immediately or schedule incremental indexing so that users always have access to the latest information. The Server software maintains a list of all Reporter names, organized by user ID. Once created, Reporters reside on the server and their users can access and use them over a local network or remotely by using AppleTalk Remote Access.

System Requirements

AppleSearch Server

To set up an AppleSearch server, you need

- ▶ an Apple Macintosh computer with a 68040 microprocessor
- ▶ at least 8 megabytes (MB) of RAM (for use with Macintosh system software version 7.0 or later, or with AppleShare 3.0 software); 12 MB of RAM (for use with AppleShare 4.0 software); or 16 MB of RAM (for use with AppleShare Pro software)
- ▶ an Apple SuperDrive floppy disk drive
- ▶ an internal hard disk with available storage space equivalent to two-and-a-half times the space required for textual content of the source being indexed
- ▶ AppleSearch Server software

AppleSearch Client

To set up an AppleSearch client, you need

- ▶ any Macintosh computer with an internal hard disk and at least 4 MB of memory
- ▶ Macintosh system software version 7.0 or later
- ▶ an Apple SuperDrive floppy disk drive
- ▶ a hard disk drive
- ▶ AppleSearch Client software

Network Requirements

To set up a network with AppleSearch you need

- ▶ AppleShare or the Macintosh file-sharing feature (AppleShare can be purchased to provide a higher performance configuration that allows a larger number of users. AppleSearch is compatible with AppleShare 3.0, 4.0, and Pro.)
- ▶ AppleTalk software and an AppleTalk network connection (LocalTalk, EtherTalk, TokenTalk, or AppleTalk Remote Access)

Licensing and Ordering Information

AppleSearch Server/Client 5-Pack

Order No. M2136Z/A

With your order, you receive

- ▶ AppleSearch Server software
- ▶ the *AppleSearch Administrator's Guide*
- ▶ AppleSearch Client software
- ▶ 5 copies of the *AppleSearch User's Guide*
- ▶ User license to make up to 5 copies of the AppleShare Client software

AppleSearch Client 10-Pack

Order No. M1588Z/A

With your order, you receive

- ▶ AppleSearch Client software
- ▶ 10 copies of the *AppleSearch User's Guide*
- ▶ User license to make up to 10 copies of the AppleShare Client software

APDA offers convenient worldwide access to over 300 Apple and third-party development tools and resources, and information for anyone interested in developing applications on Apple platforms.

The following developer's kit can be ordered from the *APDA Tools Catalog*. For a free copy, call
1-800-282-2732 (United States)
1-800-637-0029 (Canada)
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AppleSearch Client Developer's Kit

Order No. R0468Z/A

With your order, you receive

- ▶ the AppleSearch Client API software kit
- ▶ the *AppleSearch Client Developer's Guide*
- ▶ the AppleSearch Update File Format Developer's Kit

For information about developer licensing, please contact:

Software Licensing Department
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