



red 7 communications, inc.

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Memo: 26 March, 2002

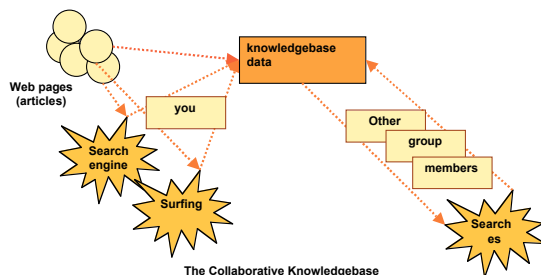
Red7 Knowledgebase

Introduction

The **Red7 Knowledgebase** is a tool for individuals and small groups who use the World Wide Web as well as their own Intranet-based Web servers when gathering and analyzing information. It catalogs large numbers of web-based resources, making them much more accessible to the group. And it helps alert the group when those resources change.

The knowledgebase saves and indexes links to web pages, which we call *articles*. It is a server-based product, into which the group drops URLs for both public and private sources, including plain-text files (we call them *notes*) from their own computers.

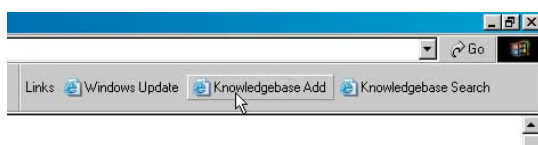
The knowledgebase server creates a master index of the words contained in these articles. Group members add their own *tag phrases* to further categorize the articles they save. The system keeps track of who inserts each article and it periodically reviews the referenced pages, bringing references up to date and notifying each article's originator if there's any change or problem.



The knowledgebase can be a tool for group collaboration. All members of the group may insert new articles and notes related to the designated group topic. All members may search for articles related to their interest. Tags may be added to articles any time during the inquiry process. This process is called *collaborative tagging*.

Single-click operation

Adding articles to the knowledgebase is as simple as a single click in a web browser (see illustration).

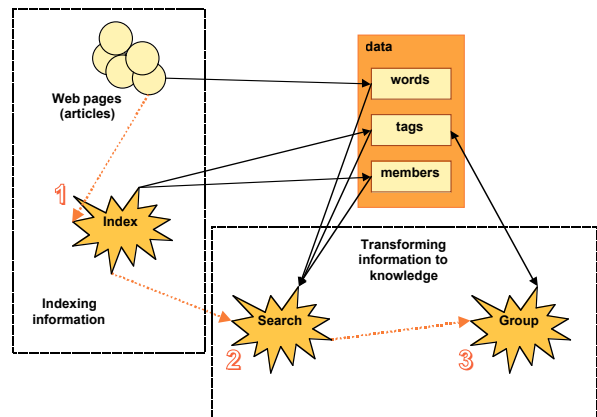


During normal web browsing, you click once, type a tag value, and press ENTER. Bingo, the URL is added to the knowledgebase for all of your workgroup members to access. Searching is similarly done by a single click, typing words to search for, and pressing ENTER.

Three Simple Steps

There are three major steps in utilizing the system:

1. *Index* articles into the knowledgebase, and continue to add more over time;
2. *Search* whenever you need to locate sources added by others in your workgroup;
3. *Group* the articles using collaborative tagging.



System Requirements

The knowledgebase is a web application, written as Java servlets and residing on a central server. It uses industry-standard JDBC drivers and stores its information in a relational database. The major features of the knowledgebase are:

- Private database of references which have been found to be useful; uses http name/password user authentication;
- Group collaboration on tagging;
- Group members' notes, reactions, combined wisdom, may also be indexed;
- References are automatically kept up to date;
- Written as java servlets using JDBC for code and database portability – may be implemented on your private intranet; also offered as a fee-based service from Red7 servers.