



Web Features and Open Problems

In The Web is a simple and powerful data integration tool.

Two basic approaches to Web-based data integration:
Coarse-grain: pages of hypertext;
Fine-grain: unified interface for accessing different (usually similar) information systems available on the Web.

The Web is built out of semi-structured (HTML/XML) documents, databases contain structured (I.e., tuple/record) data.

Databases can be queried in a flexible way; hypertext documents are easy to access, but cannot be "queried".

Web sites are also difficult to explore, use and monitor.

Web sites are also difficult to design and maintain.

Problems with Large Websites

Information is often poorly organized and difficult to access.

It is often unclear what information is available on a given website.

The access structure of many websites is casual and idiosyncratic, causing frequent dangling references.

The style of presentation is often heterogeneous.

Large websites are usually difficult to update, or change their structure.

It is also difficult to change the presentation structure and/or details.







































































