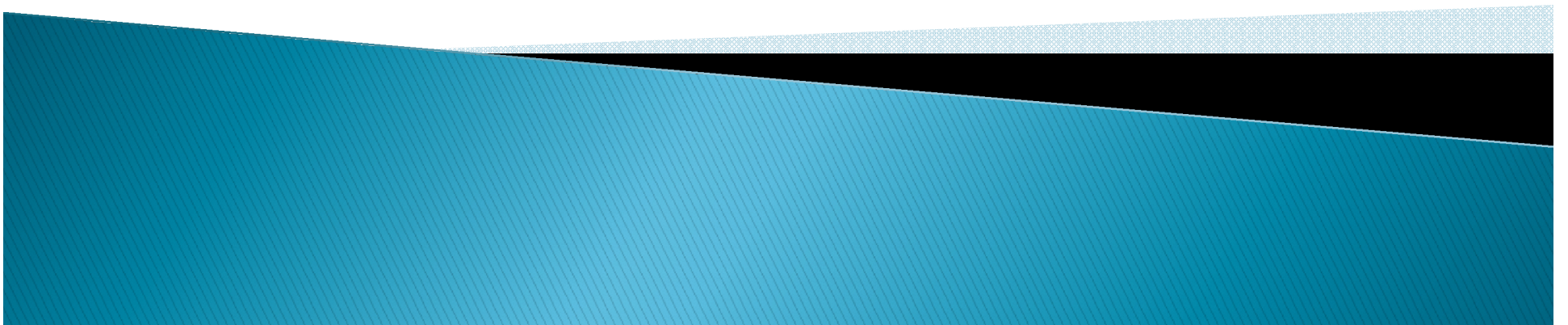
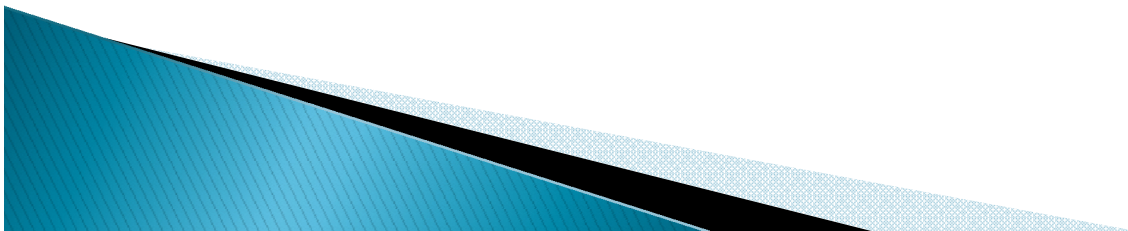


Section-B



Hypertext

- ▶ **Hypertext** - Hypertext is basically the same as regular text - it can be stored, read, searched, or edited - with an important exception: hypertext is text with pointers to other text. The browsers let you deal with the pointers in a transparent way -- select the pointer, and you are presented with the text that is pointed to.



Hypertext is basically the same as regular text - it can be stored, read, searched, or edited - with an important exception: hypertext contains connections within the text to other documents.

Selecting a piece of hypertext...

THE HISTORY OF
HYPERTEXT

HYPERTEXT:
THE MOVIE

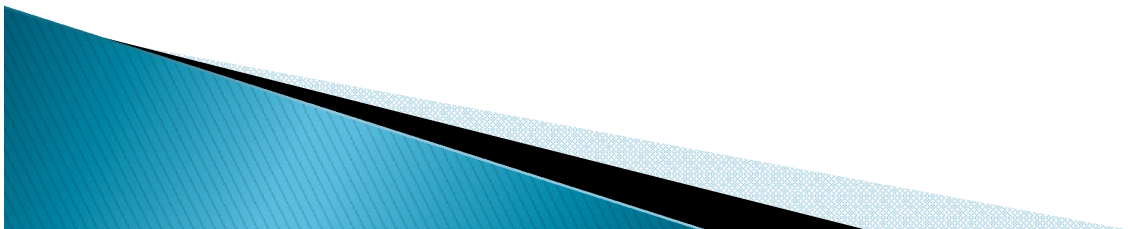
WEBSTER'S
DICTIONARY

Hypertext is...

...can take you to more hypertext,
books, movies, sounds, and images.

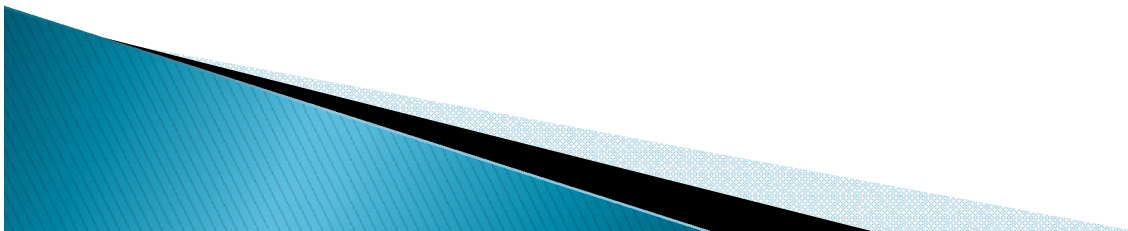
Hypermedia

- ▶ **Hypermedia** - Hypermedia is a superset of hypertext. Hypermedia documents contain links not only to other pieces of text, but also to other forms of media - sounds, images, and movies. Images themselves can be selected to link to sounds or documents. This means that browsers might not display a text file, but might display images or sound or animations. Hypermedia simply combines hypertext and multimedia.

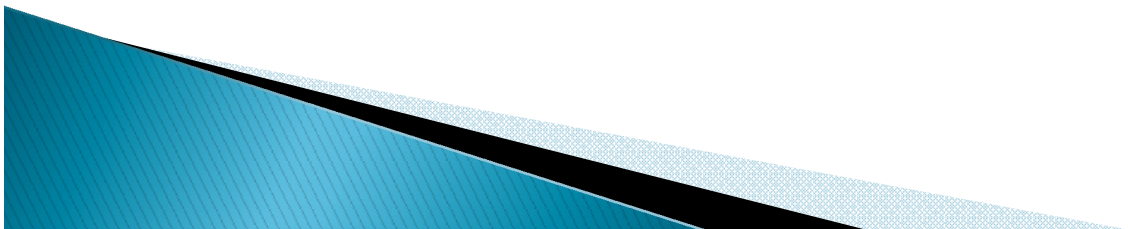


Hypermedia Examples

- ▶ This is a sound in .au (Sun audio) format.
- ▶ This is a GIF image
- ▶ This is a Macintosh QuickTime movie,
- ▶ Here is the same movie in MPEG format. It has no audio track. (119k)



- ▶ Documents referenced by hypertext can themselves be static (prepared and stored in advance) or dynamically generated (in response to user input).
- ▶ The World Wide Web is a classic example of hypermedia, whereas a non-interactive cinema presentation is an example of standard multimedia due to the absence of hyperlinks.



Uses of Hypermedia/Hypertext

- ▶ As an educational tool, such as what we use in this class.
- ▶ As a way of navigating the internet.
- ▶ A way of organizing content in a database.
- ▶ As a way of allowing users with disabilities to learn.
- ▶ Entertainment.
- ▶ Making online purchases.
- ▶ Not just for the internet. Can be used in other applications such as dictionaries, encyclopedias, databases, and presentations.

