Gopher

Akkal Bist

GOPHER

- Gopher is a TCP/IP application layer protocol designed for distributing, searching and retrieving documents over the internet.

- It presented an alternative to the world wide web in its early stages.

Where did gopher come from ?

"Born" in April 1991, gopher began as a project at the Microcomputer, Workstation, and Networks Center at the University of Minnesota to help people on campus get answers to computer-related questions. At the time, the computer center staff had accumulated answers to thousands of questions regarding computers and software.

Why It is called Gopher?

The name "Gopher" is appropriate for three reasons:

1.Just as a real gopher successfully navigates beneath the prairie, the Internet Gopher tunnels through the invisible paths of the Internet to help you find the information you want.

2. The name refers to someone who fetches things or provides service for other people.

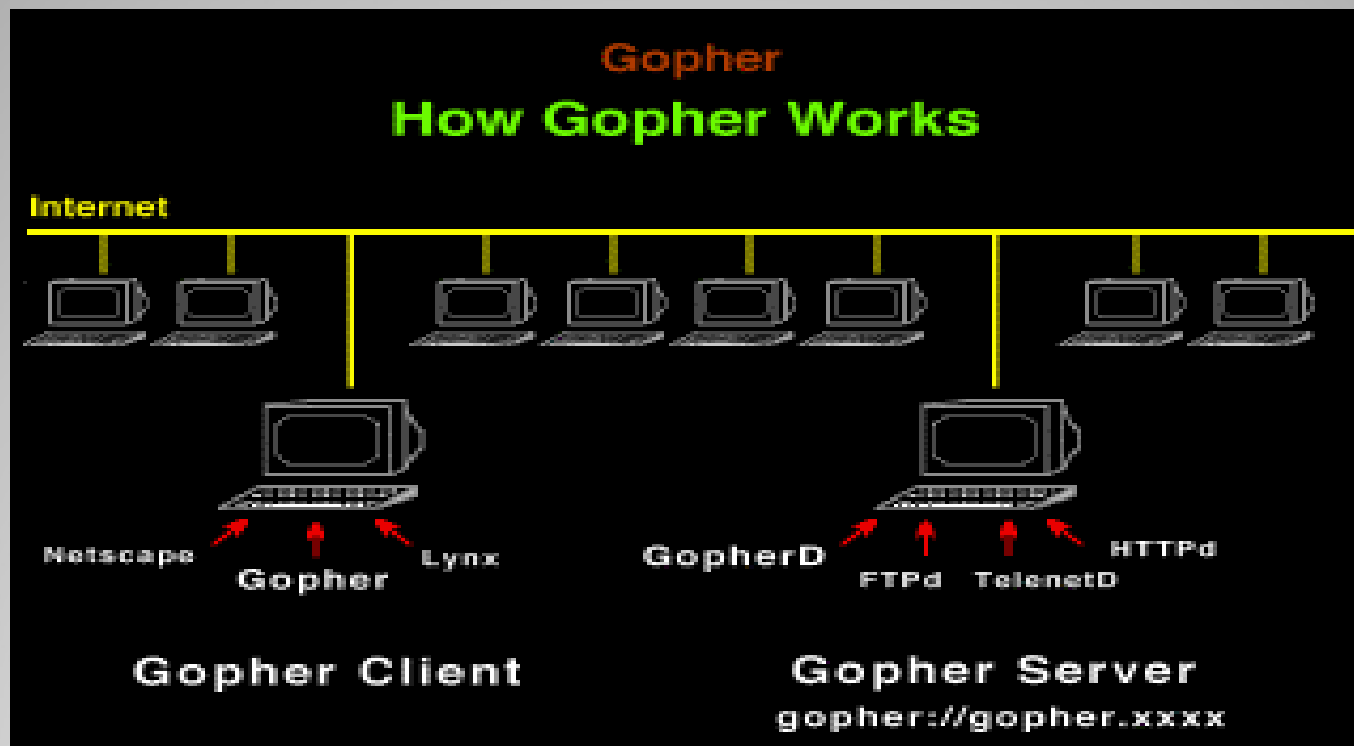3s. The Golden Gopher is the mascot of the University of Minnesota.

Figure- 13

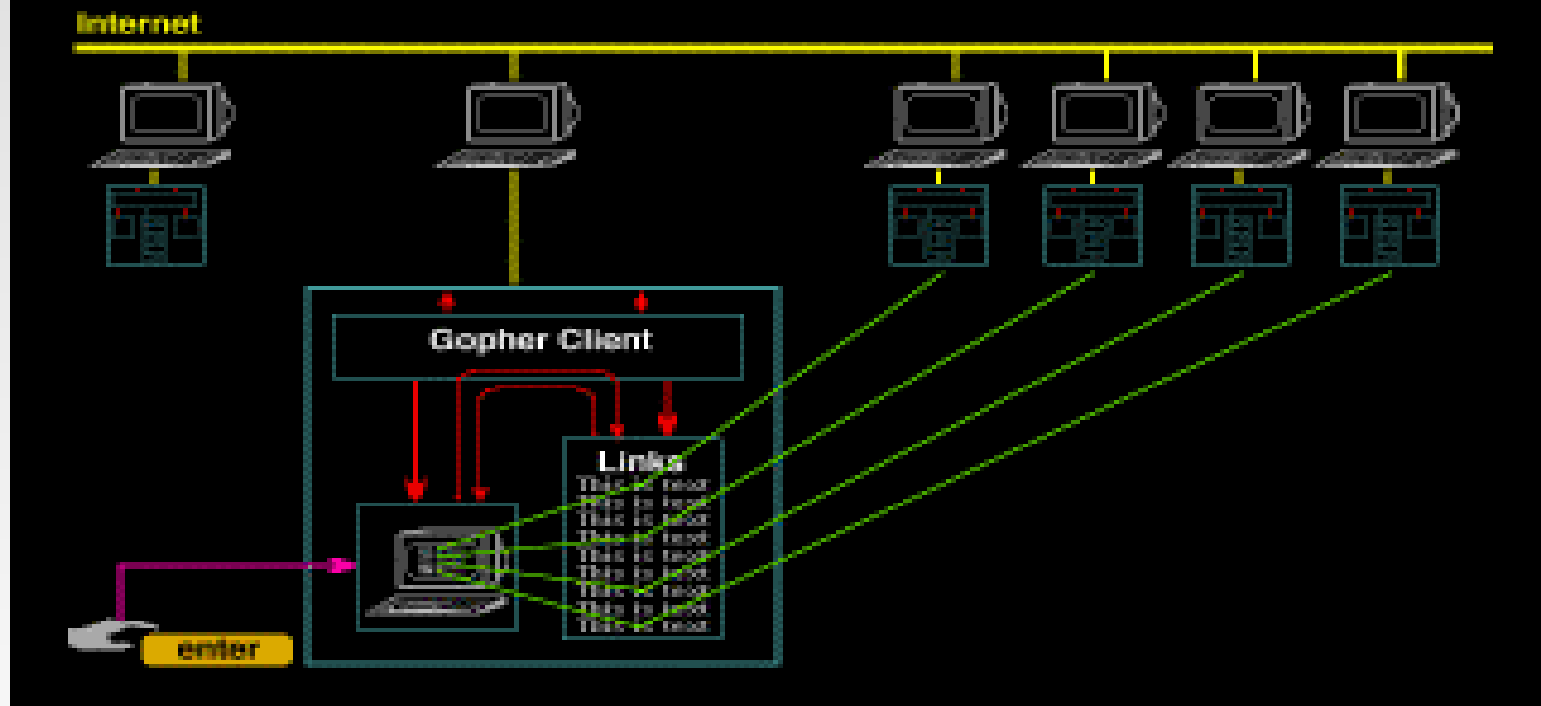A gopher client sends request across the internet to a gopher server.

Figure- 14

- Gopher pages are just lists of links either to other pages on same site or pages on other site.

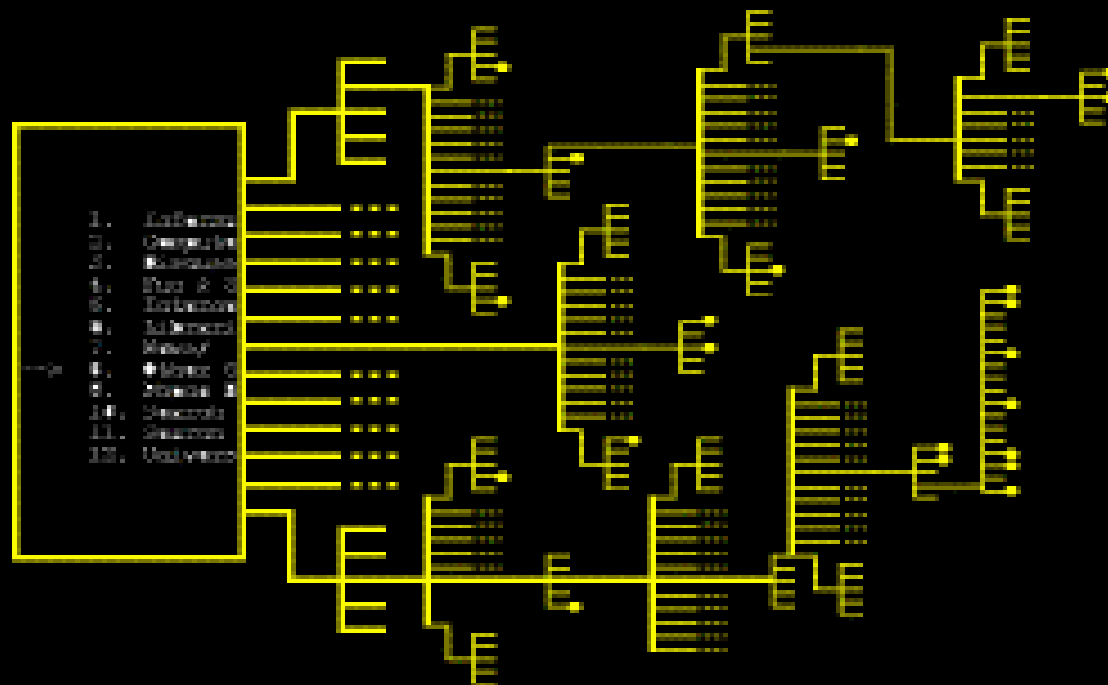- Unlike the world wide web there is no hypertext , just the links.

Figure- 15

- The gopher distributed database is essentially a hierarchical structure of directories.

- Some entries point to other directories, some points to documents.

- Documents can be text, images or programs

GOPHER SEARCHERS

Two types of search engine are available in gopher-

○ Veronica
○ Jug head

THANKS