INTERNET BROWSER WITH MEMORY ENHANCED HYPERLINK DISPLAY

ABSTRACT

A web browser (105) displays historical information about hyperlinks shown on web pages. Initially, a computer (104) downloads an internet web page on user instructions, identifies any hyperlinks present in the web page and, for each hyperlink, analyzes the hyperlink with respect to any of the user's past visits to the hyperlinked address. If the user has previously selected that hyperlink, by "mouse clicking" on the hyperlink, the computer (104) consults a database (113) to identify characteristics of the underlying data obtained from past visits (or attempts) to the hyperlinked address. These characteristics are input into a presentation table (115) to derive various enhanced presentation attributes for the hyperlink. The presentation table (115) maps between each possible data characteristic and a corresponding enhanced presentation attribute. Presentation attributes may relate to text, graphics images, videos, sound, tactile sensations, etc. Ultimately, the computer (104) displays the downloaded web page, each hyperlink with its enhanced presentation attributes.

Fig 1