ABSTRACT

METHOD AND SYSTEM FOR ACCESSING INFORMATION ON A NETWORK USING MESSAGE ALIASING FUNCTIONS HAVING SHADOW CALLBACK FUNCTIONS

The present invention provides methods and systems for accessing a network URL through a pre-assigned simplified network address, correlating to the URL, and for displaying the home page having the URL as its address. These methods and systems provide easier URL and home page access because persons wanting to access the home page need only input the simplified network address, thereby avoiding the need to know and input the URL character string. The simplified network addresses of the present invention include numbers. Methods are provided for selecting numbers for assignment to URLs. The URL and home page access and display methods of the present invention include: assigning a simplified network address such as a number to a URL, storing the URL and number conversion in a network accessible storage system, inputting the assigned number in a network accessible computer, communicating the inputted number to the storage system, converting the number to the URL, retrieving the home page corresponding to the URL and displaying the home page on the computer. Additionally, the invention provides methods for use in message passing operating systems wherein system level messages to specific objects are intercepted, creating an alias message. The invention further defines networked systems and methods for operating the networked systems that rely on the interception and rule-based modification of messages passing between system applications.

Fig. 1