

Processing User Character Inputs Having Whitespace

ABSTRACT

A method, computer program product and computer system for processing user character inputs having whitespace are described. A software application (such as a web browser) prompts a user for a "security question / security answer" pair. The user enters the information pair as character strings which conform to the native character set and encoding for the browser for the language selected by the user. Each character string is converted to a Universal Character Set (UCS), such as UNICODE. All whitespace characters before the first non-whitespace character and all the whitespace characters after the last non-whitespace character are trimmed from the UCS string. All whitespace characters (including spaces) between words/diagram characters are replaced with a single instance of the ASCII space character hexadecimal 20. The UCS string is stored in a database or is compared with a corresponding value previously stored in the database.

Figure 1