

METHOD AND SYSTEM FOR STORING INFORMATION ABOUT DOCUMENTS TO PROVIDE DISPLAYS

Abstract

This invention relates to a system and method for storing information about data within documents generated within a specified time period and providing the information to generate displays that graphically illustrate the contents of the documents. The method and system maintain indexes that store information representative of attributes of the data in the documents. In particular, the system and method generate and maintain an entity index and a term index. The entity index stores information about the number of documents that include a reference to each entity for each time unit of the time period and the term index stores information about the number of documents that include a reference to each term for each time unit of the time period. The information about the number of occurrences of each entity and term may then be retrieved for individual time units of the period to show the relationship between frequencies of terms and entities over the time units. This information may then be provided to generate a display.

Figure 3