Abstract

Digital articles are stored and archived, but that should not be the end of it. The data should enable users to access it through any conceivable question. Determining a relationship between two pieces of information normally requires the processing and understanding the development of relationships between them. Electronically this same process can be done without the need to understand the information being processed. Using the LOCKSS system, this team has enabled the creation of new relationships from statically stored information. These organic relationships enable users to formulate questions and receive relevant responses e.g. ‘Which set of authors has the most experience with semantic web?’… And this is a powerful ability to have when it comes to information.

Benefits

• Search and Reason about information
• Build new logical connections between information
• Visualize information from many different perspectives
• Grow the available set of knowledge by storing semantic relationships about information
• Create numerous new facts with each piece of information

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