Semantic Web

Semantic web was an idea by Tim Berners-Lee. It is also a form of the World Wide Web in which data or information that are in web pages is tagged and structured so it can be directly read by computers. Semantic web is mostly focused for computers so it can perform tasks without an operator.

References:

W3C. (n.d.). Retrieved February 08, 2017, from <https://www.w3.org/standards/semanticweb/>

Posted November 09, 2007By Vangie Beal. (n.d.). What Is The Semantic Web? Retrieved February 08, 2017, from <http://www.webopedia.com/DidYouKnow/Internet/Semantic_Web.asp>

WAIS

WAIS which is pronounced as “ways” or Wide Area Information Servers was developed by Thinking Machines Inc. in 1988. It uses indexing or collecting information from different information servers and searching document indexes. It has it’s own Internet protocol. WAIS also has four parts, the client, server, database and the protocol. It is based as search model of information rather than browsing. When a user tries to look for an information and enters a search statement for a selected database then the client gets access to all servers on where the database is distributed. It results meaning of each text that matches the search that has been made then the user can get the full text.

References:

What is WAIS (Wide Area Information Servers)? - Definition from WhatIs.com. (n.d.). Retrieved February 08, 2017, from <http://whatis.techtarget.com/definition/WAIS-Wide-Area-Information-Servers>

Wide Area Information Server - WAIS. (n.d.). Retrieved February 08, 2017, from <http://www.cl.cam.ac.uk/~jac22/books/www/book/node36.html>

Wide Area Information Server - WAIS. (n.d.). Retrieved February 08, 2017, from <http://www.cl.cam.ac.uk/~jac22/books/www/book/node36.html>

Wide area information servers. (n.d.). Retrieved February 08, 2017, from <http://www.dictionary.com/browse/wide-area-information-servers>

Gopher

It is a protocol that has an ability to view and extract documents from the Web that are stored on remote web servers. It is design to access a Web server or database with the use of internet. It was discussed in RFC 1436

References:

What is Gopher? - Definition from Techopedia. (n.d.). Retrieved February 19, 2017, from <https://www.techopedia.com/definition/5360/gopher>

The TCP/IP Guide - Gopher Protocol (Gopher). (n.d.). Retrieved February 19, 2017, from <http://www.tcpipguide.com/free/t_GopherProtocolGopher.htm>