Semantic Web

According to W3C, the term “Semantic Web” refers to W3C’s vision of the Web of linked data. Semantic Web technologies enable people to create data stores on the Web, build vocabularies, and write rules for handling data. It 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. Semantic web is mostly used in the field of research and life sciences where it helps researchers in joining data together on different medicines and illnesses that have many names in different parts of the world.

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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. WAIS has its 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 looks for information and enters a search argument for a selected database then the client gets access to all servers on which the database is distributed. It results description of each text that matches the search that has been made then the user can get the full text.

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