

THE WORLD WIDE WEB AS AN INFORMATION RESOURCE

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The Web and the Internet are dissimilar items. The World Wide Web and the Internet have names that are similar forms but they manipulate different things. Computers existed before the Internet appeared, and before the web appeared, but they were not connected in any way. They couldn't really contact with one another. There was a connection between some pieces of hardware that spoke similar protocols but that was just a local network. To connect disparate global machines one need a network of networks.

A system associating a lot of networks is an Internetwork, because this system connects many nations is international. In 1974 the word Internetwork was officially shortened to what we operate nowadays – Internet This fact is fixed in an official document.[3]

The first message that was sent using the Internet was the word «login». This word was sent to computer at Stanford in 1969 by Leonard Kleinrock and a team at UCLA. Unfortunately, the system crashed and they sent only «lo». But that was a significant day because the first message was sent over the Internet.

At that time, information on the Internet was organized into a system that was hierarchical, linear, it was slow and illogical. In March 1989, the world saw the book titled «Information management: A Proposal». Tim Berners-Lee, the author of the book, argued that notes with links, like references, between them are far more useful than a fixed hierarchical system. Berners-Lee was proposing a web, instead of trees. Actually Tim Berners-Lee connected of hypertext webs that already existed and was webbed systems that connect documents in nonlinear ways, and the Internet to produce the World Wide Web. Such combination allowed appearance of the fastest and most comfortable way of communication from all existing today - the Internet.[2]

The web connects information and the Internet connects people. Internet is a means of access to specially hypertext documents. We could not enjoy the convenience of web technology without the Internet. At the same time, the Internet is meaningless without the Web.

Web provides us with a simple search interface, it is very flexible and changeable. This technology makes information widely available. It has been evaluated that every web page is an average of only 19 clicks away from every other web page.

It's hard to believe, but the Internet trains our brains even better than books. The degree of usefulness of online resources depends only on the purpose of the reader. Web creates a dynamic story with a nonlinear storyline, the result of which is predicted by readers.

The part of the web is hidden from us. More precisely, it is hidden from search engines. And users who know about these pages, go to these sites, which are not in the index of search engines. And this part of the web is not less than 80% of the World Wide Web. Every single day Google gets over 500 million search queries it has never been asked before. So tomorrow our usual Internet will be dramatically different.[1]

REFERENCES

1. Antonio A. Casilli. Some Elements for a Sociology of Online Interactions / Antonio A. Casilli – Paris : EHESS, 2011. – 4 p.
2. Architecture of the World Wide Web, Volume One / [Berners-Lee Tim, Bray Tim, Connolly Dan et al.]. – Cambridge : W3C, 2004. – 60 p.
3. Polo Luciano. World Wide Web Technology Architecture: A Conceptual Analysis. / Polo Luciano – Cambridge : EHESS, 2003. – 120 p.