Abstract

Topicality

In recent years, the number of Internet users has increased several times. And with it the variety of web resources. Often, these web sites linked into a network or a single portal. And when those resources are many, it becomes very difficult to monitor the status of all resources in the network. In this regard, there is a need in the automatic comparison Web sites, as well as the drafting of various ratings, which help to see the strengths and weaknesses of Web-resources, provide a basis for comparison.

The purpose and tasks of research

The aim is to find and create a specialized tool for analyzing web sites and web services with the possibility of monitoring for a given set of parameters.

Solved in the problem

The main objectives of the developed software, designed to estimate the parameters of the web pages are:
1. Compare the web sites for a given set of parameters that are set Webometrics and the system or specified by the customer.
2. Documented in a comparison of rating units (institutes, faculties, departments)
3. Save the settings of Web-sites over time, allowing for an analysis of changes of sites.
4. Automatically detect the structure of the Semantic Web and Web-based services in the recruitment of Web-sites.

Scientific novelty of the results

Scientific novelty of the work is to study the possibility of using Web-based applications for monitoring web sites.

The practical significance of the results

The application of this application is the possibility of its use to monitor the information provided on the websites of NTU "KPI", thus simplifying the process increase the rating.

Testing results

The experimental results of the application, we can conclude that the system fully complies with the required functions and is ready to work.

Publications

Samoilik AV, Usherenko RB, Safran A. Yu Analysis of Web-sites information Web-portals: conference materials SAIT 2009.