HAAPSALU COLLEGE OF TALLINN UNIVERSITY

Department of Computer Sciences	Computer Science

Title:
Coding Practices of Web Pages

Science Areas:
Computer Science

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Abstract:

The purpose of this thesis was to investigate the usage of different technologies in the web. A program was constructed, which gathered statistics about (X)HTML, CSS and JavaScript used on web pages.

The program was run through one week and it gathered information from over million web pages. The links in web directory Open Directory Project were used as a selection. All the gathered data was stored into a MySQL database and was analyzed also in there.

The result of the work was a big set of data, which describes the situation in the code used on web pages as of 2006. This data may be used in comparison with future studies of the same subject. The most important results of the analyzes are the following.

67% of pages uses CSS, 65% uses JavaScript and at least 10% uses Flash. 2.6% of the (X)HTML used on pages was valid according to document type declaration (which was a lot more than 0.7%, measured on a similar selection at 2001). 41% of CSS was correct according to the W3C CSS 2 recommendation.

Keywords:
HTML, CSS, JavaScript, markup validation

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