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## Web application tools

### Finalità

Methods and tools for constructing Web applications. A survey of the available technologies.

### Programma

The Web. The client-server model. HTTP protocol. HTML. XML. CSS. Visual editors. Web site administration. Scripting languages. CGI programming. Perl. Javascript. Security. Cookies. Managing data bases through Web. University Web services.

### Attività d'esercitazione

Laboratory activities cover about 40% of the course. Pre-existent Web application will be analyzed. New applications will be developed with the use of a LAMP (Linux, Apache, MySQL, Perl-PHP) environment.

### Modalità d'esame

Students are required to develop a Web project. At most three students can work on the same project.

### Propedeuticità

Fondamenti di Informatica (AB). Basi di dati (concurrently).

### Testi consigliati

- S. Guelich, S. Gundavaram, G. Birznieks: "CGI Programming with Perl", O'Reilly
- Deitel, Deitel, Nieto, McPhie: "Perl - How to Program", Prentice Hall