

Topic Overview: Client-Side Programming (except CSS)

Computer Science 3172

25 March 2005 (1a)

1 Purpose

- Demonstrate power and variability of browser execution;
- Show practical advantages of standardization;
- Emphasize accessibility issues with favelets;
- Introduce original HTML forms model.

2 Topics

- Domain Object Model (DOM)
- Javascript (JS)
 - syntax
 - interaction with DOM
 - practical consequences of
 - accessibility issues
 - favelets
- Javascript Debugging Tools
- HTTP-EQUIV — blurring client-server boundaries
- HTML forms
 - not button, not xforms
 - form methods and crude notion of session

3 Related Readings

- lecture notes and slides
- Javascript resources
- *Javascript: The Definitive Guide**

*The book should be available from the Safari Bookshelf service