

jQuery

Laboratory 3

Main features

- It's a library
- Emphasis on **separating** view layers
- CSS **selectors**
- Many extensions available
- Popular
- Easier use of **AJAX** and **JSON**

AJAX

- Asynchronous JavaScript and XML
- **Asynchronous**
 - The calls are... asynchronous...
- ...JavaScript
 - ...
- ...and XML
 - Doesn't have to be XML – **JSON**, HTML, text, etc.
- Based on XMLHttpRequest

JSON

- JavaScript Object Notation
- Light format
- How it compares to XML?
 - Capable of expressing the same data
 - No schema validation
 - Easier to parse than XML
- Many popular services share their data using JSON
 - Blogs, news services, facebook, flickr, ...

What to look out for in the exercises?

- Separation!
- New selectors
- Asynchronous calls
 - How does it work with disabled JavaScript?
- Function convention
 - func() – get
 - func(param) – set
- Dynamic event binding
- Be careful when using `this`