Frost Ajax Library

Ajax library for constrained browsers

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Motivation

- Ajax works in many mobile browsers
- JavaScript/DOM implementations vary
- existing libraries don't work in many cases

Approach

- cross-browser Ajax for mobile web apps
- support weakest browser capable of Ajax
- small codebase (core < 3k)
- limited functionality in core
- extensible by users
- use only basic JavaScript (no prototyping)
- fall-back mechanisms
- task-oriented

What can it do?

- browser-dependent output
- debug output
- basic Ajax requests
- callbacks handling returned data
- timeouts if offline
- putting data somewhere
- basic page manipulations

Supported Browsers

- all ...
- that know the XHR object
- ...or that know an ActiveX

How does it work?

- testing -> browser capabilities DB
- browser detection
- capability-based output
- ...or universal version
- server and client components (PHP, Rails)

- write markup
- load or include lib
- execute f('name', [args])

Main Issues / Roadmap

- first release
  - test setup
  - testing
- building demos
  - combine with testing
- community building
  - getting feedback
  - enabling easy extension