Handy Dandy JavaScript App
Performance Checklist

free from **JavaScript Performance Rocks!**

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EVERYDAY

level of technique

- [ ] Correct script tag placement
- [ ] <u>DOM Monster</u> complexity approval
- [ ] Correct caching headers
- [ ] Concatenate, inlinine & pre-cache
- [ ] Minify and/or Gzip
- [ ] Smush, CSS sprite & favicon
- [ ] Check your framework
- [ ] Manage runaway timers
- [ ] Maximize DOM code efficiency
    - [ ] node selection
    - [ ] event bubbling/capture
    - [ ] innerHTML
    - [ ] transparency
    - [ ] styles
    - [ ] complexity
- [ ] Tune your Ajax
- [ ] Shorten your code (assignment, operators, literals)
- [ ] Strip out excessive cleverness
- [ ] Tune your expressions
- [ ] Use JSON
- [ ] Cache RegExps
- [ ] Watch out for closures, globals, literals
- [ ] Use the most efficient control statements
- [ ] Use the most efficient loops
- [ ] Ensure optimal usage of object properties
- [ ] Cache your variables
- [ ] Clean up after yourself to minimize memory leaks
- [ ] Use arguments effectively
- [ ] Eliminate syntactic sugar
- [ ] Tune / unroll your loops
- [ ] Optimize for iPhone

EXTREME

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