

BttrWrtr: a grammar checker for the web

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Super Happy Dev House 45

Inspired by Matt Might's (@mattmight) collection of Bash and Perl:

3 shell scripts to improve your writing, or “My Ph.D. advisor rewrote himself in bash.”

<http://bit.ly/aaOtKY>

```

// Weasel words
var weasels = {
  check: function (element) {
    //this.regex.lastIndex = 0;
    return element.match(this.regex);
  },
  regex: /many|various|very|fairly|several|extremely|exceedingly|quite|remarkably|few|surprisingly|
  gnificantly|substantially|clearly|vast|relatively|completely/gim
},

// Passive voice
passive = {
  check: function (element) {
    return element.match(this.regex);
  },
  regex: /(am|are|were|being|is|been|was|be)[ ]*(\w+ed|(awoken|been|born|beat|become|begun|bent|be
  t|built|burnt|burst|bought|cast|caught|chosen|clung|come|cost|crept|cut|dealt|dug|dived|done|drawn|drea
  forbidden|forgotten|foregone|forgiven|forsaken|frozen|gotten|given|gone|ground|grown|hung|heard|hidden
  t|lain|lighted|lost|made|meant|met|misspelt|mistaken|mown|overcome|overdone|overtaken|overthrown|paid|p
  t|sold|sent|set|sewn|shaken|shaven|shorn|shed|shone|shod|shot|shown|shrunk|shut|sung|sunk|sat|slept|sla
  spread|sprung|stood|stolen|stuck|stung|stunk|stridden|struck|strung|striven|sworn|swept|swollen|swum|s
  stood|upheld|upset|woken|worn|woven|wed|wept|wound|won|withheld|withstood|wrung|written))/gim
},

// Duplicate words (lexical illusions), case insensitive
// TODO: skip punctuation
duplicates = {
  check: function (element) {
    return element.match(this.regex);
  },
  regex: /\b(\w+) \1\b/gim
};

```

Mostly some well
crafted regexes

~200 lines of Javascript

- Dependencies:
 - jQuery + jQuery UI (automatically loaded)
- Packaging:
 - bookmarklet
- TODO:
 - CSS resets
 - Handling of punctuation

Demo

Questions?

Get it here: bit.ly/bttrwrtr

Source: github.com/lukegotszling/bttrwrtr