Atom: Resistance is futile

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So, what is Atom editor?
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <title>Page Not Found</title>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <style>
      * {
        line-height: 1.2;
        margin: 0;
      }

      html {
        color: #888;
        display: table;
        font-family: sans-serif;
        height: 100%;
        text-align: center;
        width: 100%;
      }

      body {
        display: table-cell;
        vertical-align: middle;
        margin: 2em auto;
      }

      h1 {
        color: #555;
        font-size: 2em;
        font-weight: 400;
      }
    </style>
  </head>
</html>
Atom in a nutshell

- Text Editor inspired by Textmate and Sublime Text
- 1 million active users
- Created by Github
- Open Source and cross platform
- Based on Chromium, created with HTML, CSS and Javascript.
- Easily modifiable / extensible
Mmmh... what’s wrong with Sublime Text?
We all love Sublime Text!
But...

- Bad documentation
- No sense of community
- Slow development
- Ugly package manager
- Hard to extend
- One man show
- Not Open Source
So, what’s to love about Atom?
Up to date learning resources
atom.io/docs
• API documentation
• Atom Flight Manual
• Discussion forum
• Slack channel
A beautiful Autocomplete
A beautiful Linter

```javascript
'use strict';

var foo = "bar";

fn(function (err) {});
```

- Error: foo is defined but never used (no-unused-vars) at line 2 col 5
- Error: Strings must use singlequote. (quotes) at line 2 col 11
- Error: "fn" is not defined. (no-undef) at line 4 col 1
- Warning: Expected error to be handled. (handle-callback-err) at line 4 col 4
- Error: err is defined but never used (no-unused-vars) at line 4 col 14
Simple access to settings for core and community packages
Show Invisibles
Render placeholders for invisible characters, such as tabs, spaces and newlines.

Show Line Numbers
Show line numbers in the editor's gutter.

Soft Tabs
If the Tab Type config setting is set to "auto" and autodetection of tab type from buffer contents determines whether a soft tab or a hard tab will be inserted when the Tab key is pressed.

Soft Wrap
Wraps lines that exceed the width of the window. When Soft Wrap At Preferred Line Length number of characters defined by the Preferred Line Length setting.

Soft Wrap At Preferred Line Length
Instead of wrapping lines to the window's width, wrap lines to the number of characters defined Length setting. This will only take effect when the soft wrap config setting is enabled globally.

Soft Wrap Hanging Indent
When soft wrap is enabled, defines length of additional indentation applied to wrapped lines, in columns.

Default: 0

Tab Length
Number of spaces used to represent a tab.

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find and install packages and themes
each package has settings
Strong Git integration
(core + packages)
Git at a glance
## 0.1.0 - First Release

* Every feature added
* Every bug fixed
You can install packages and themes from the Settings View.
Hackable to the core...
from css to init scripts
to packages
Open source
=
Lots of potential
Github long term commitment & a clear roadmap
Recap

• Good documentation
• Awesome Autocomplete and Linter
• Easy package installation and set up
• Git integration
• Hackable & Open Source
What’s to dislike about Atom?
• Speed: search and startup take longer

• Stability: careful with those plugins
So, should you switch?
Bonus #1: Package madness!
<!— Place favicon.ico in the root directory —>

<link rel="stylesheet" href="css/normalize.css">
<link rel="stylesheet" href="css/main.css">
<script src="js/vendor/modernizr-2.8.3.min.js"></script>

</head>

<body>

<!— [if lt IE 8]>
<p class="browserupgrade">You are using an <strong>outdated</strong> browser. Please <a href="http://browsehappy.com">upgrade your browser</a> to improve your experience.</p>
<![/endif]—>

<!— Add your site or application content here —>
<p>Hello world! This is HTML5 Boilerplate.</p>

<script src="https://code.jquery.com/jquery-1.12.0.min.js"></script>
<script>window.jQuery || document.write('<script src="js/vendor/jquery-1.12.0.min.js"></script>');</script>
<script src="js/plugins.js"></script>
<script src="js/main.js"></script>

<!— Google Analytics: change UA-XXXXX-X to be your site's ID. —>
<script> (function(i,s,o,g,r,a,m){i['GoogleAnalyticsObject']=r;i[r]=i[r]||function(){ (i[r].q=i[r].q||[]).push(arguments)},i[r].l=1*new Date();a=s.createElement(o),m=s.getElementsByTagName(o)[0];a.async=1;a.src=g;m.parentNode.insertBefore(a,m) })(window,document,"script","//www.google-analytics.com/analytics.js","ga"); ga('create', 'UA-XXXXX-X', 'auto'); ga('send', 'pageview'); </script>
activate: (state) =>

@subscriptions = new CompositeDisposable()

@subscriptions.add atom.commands.add "activate-power-mode:toggle"; =>

@activeItemSubscription = atom.work

@subscribeToActiveTextEditor()

@subscribeToActiveTextEditor()

activate-power-mode
imdone-atom

```coffee
{Emitter} = require 'atom'

module.exports =
  emitter: new Emitter
  plugins: {}

addPlugin: (Plugin) ->
  return unless Plugin && Plugin.pluginName
  @plugins[Plugin.pluginName] = Plugin
  @emitter.emit 'plugin.added', Plugin

removePlugin: (Plugin) ->
  return unless Plugin && Plugin.pluginName
  delete @plugins[Plugin.pluginName]
  @emitter.emit 'plugin.removed', Plugin

getAll: ->
  (val for key, val of @plugins)
```
## Features

- can use the copy/cut command of core.
- support for multiple cursors
- basic support system clipboard
- coexist with [emacs-plus package](https://atom.io/packages/emacs-plus).

## Commands

- `clipboard-plus:toggle`
- `clipboard-plus:clear`

## Keymap

### default

```
```
```
'coffeescript
'.select-list.with-actions':
  'tab': 'select-list:select-action'
  'ctrl-i': 'select-
```
```
Type on the **left**, see it **rendered** on the **right**.

This is a [link](https://github.com).

and this is a list

* and this is
* a list

---

markdown preview
Gimme more

- Atom CSS Unit Converter
- Filesize
- Package Sync
- File Icons
- Highlight selected
- Open recent
- Project manager
- Sort lines
Bonus #2: Steal this config!

- https://github.com/genoma/atom-configuration
- https://github.com/akmur/atom-configuration
That’s all folks!