Design Document

Team Skinny Britches

1. Site Goals

- a. Full length tutorial of at least of one text editor (Atom)
 - i. Beginning to end including:
 - 1. Setup
 - 2. Implementation
 - 3. Pictures
 - 4. Usage
- b. Comparisons between various text editors
 - i. Include:
 - 1. Stats
 - 2. Functionality
 - 3. Customizable
 - 4. Ease of Use
 - 5. Pricing Points
- c. Reference Guide for experienced users
 - i. Includes:
 - 1. Shortcuts
 - 2. Command descriptions
 - 3. Edge Cases
 - 4. Etc.
- d. What should the users accomplish?
 - i. Users should be able to identify which text editor will be best for their usage
 - New users will gain understanding of what a text editor will actually do
 - ii. The users should be able to utilize and edit documents efficiently
 - iii. If wanted users will gain advanced knowledge of the text editors such as:
 - 1. Behind the scenes understanding of how the editor handle the code
 - 2. Detailed Configuration specs
 - 3. Etc.

2. User Experience

- a. Audience Definition
 - i. Purpose of the site
 - 1. For those just getting started and wondering about text editors, interesting facts, which to use, tips and guide. Continue reading...
 - 2. Looking for specific things about text editor but need a well organized directory (Text Editing Resources)
 - For those just looking for a more clear and effective answer on how to use text editor (This site will provide them a clear tutorial guide for each beginner, intermediate, advanced tutorial, and for Mac, Windows, and Linux)

- b. Targets
 - 1. People looking to utilize these text editors in efficient ways.
- c. Scenarios
 - i. Beginner Tutorial Jill (28 year old who is looking to break into the coding scene for her home business. She needs to know how to make basic changes to the website she had designed for her by a professional.) *The extent of her needs is being able to change content and know how the operate a text editor in order to update her website.

Our site will aim to teach her-

- 1. Brief introduction of Text Editor
 - a. History
 - b. Definition of the text editor
 - c. What's Character Encoding, Syntax Highlighting
- Text Editor comparison tutorial for Mac, Windows and Linux systems
 - a. Price
 - b. OS Compatibility (WIN/MAC/LINUX/BROWSER/IOS/ANDROID)
 - Download tutorial (Screenshot with text explanation or Video Tutorial)
 - d. Quick User Manual
 - e. Pro and cons
 - Key Features (Packages, Themes, PSD Extract, Keyboard, FTP,Live Preview, Education Focus, EASY/DIFFICULT, Clean UI, Command-Line, Stalks, etc)
- ii. Intermediate Tutorial Bill (22 Year old hotshot coming out of college with a BA in IST from RIT, He graduated with a 2.0 or C-, he thinks he knows everything. When he got his first job he realised he had forgotten everything he learned from Web and Mobile computing 2! He knows basic idea of all text editors, but just needs a refresher) * He needs to relearn what he can do with a text editor. He knows technology keywords.
 - 1. Time saving tips: Intermediate Keyboard Shortcuts
 - Text Editor in Cloud Based vs. Web Based vs. Web Based vs.
 Desktop Applications vs. Mobile Editors
 (https://www.pluralsight.com/guides/software-engineering-best-practices/text-editors-for-beginners-15-ways-to-rule-the-world)
 - 3. Specialized Technologies
 - a. State any specialized technologies, JS, PHP, Jquery.

- 4. Unique features of text editors
 - a. Is it Open Source?
 - b. Any third party support?
 - c. Special Toolkits?
- iii. Advanced Tutorial Roger (45 year old senior web developer look at introducing new technology for his company. He needs to know the very specific details so he can choose the correct technology for his team.) * Roger will need to know everything about a text editor. He needs to know what can be done and how editors can be configured.
 - 1. Plugin
 - a. How it'll improve workflow
 - b. Source (link of specific sites or from github)
 - c. Install guide
 - 2. Nitty Gritty Material
 - a. Advanced System preferences and diagnostics
 - b. Backend file structure.
 - c. File config
 - 3. Time saving tips: Advanced Keyboard Shortcuts
- iv. Search Tools on all Pages
 - 1. Search Functionality
 - a. Adding a new item to the site should automatically make it searchable
 - b. Deleting an item should remove it from the search fields
 - c. Sorting order for search results
 - d. Browser compatibility
- v. Help
 - 1. Text Editing Resources
 - 2. Link to other guide on the site with alphabetical search group

d. Competitive Analysis Summary

	Scotch.io	YoLinux	Code Mentor	Medium	Atom	Linux
NAVIGATION						
Global (1-10)	5	7	6	1	9	6
Local (1-10)	0	0	0	0	10	0
Static navbar (0/1)	1	0	0	1	0	0
Back to top Button (0/1)	0	0	0	0	0	0
APPEARANCE						
Mobile friendly (1-10)	2	4	10	6	0	6
Logo (1-10)	9	10	7	5	10	7
Clear Headers (1-10)	10	7	10	5	10	7
Easy to Read (1-10)	7	10	10	8	10	7
Clean (1-10)	10	7	10	8	10	8
Pretty (1-10)	8	2	8	7	7	7

More in depth look at competative analysis in appendix A

Scotch.io - Scotch lo is a tutorial blog for Sublime Text 3. The mobile website is severely lacking and the videos are difficult to view, however, the website is clean and visually appealing.

YoLinux - YoLinux is a website dedicated to helping linux users with any issues they may have. The website is very busy and has an unattractive design however you can reach any page in less than two clicks and the information on the website can help a user with any issues they may have.

Codementor - Code mentor is a blog site comparing Sublime, Vim, Visual Studio, and Atom. The global nav is lacking however, the website is visually appealing and the mobile website is one of the best.

Medium - Medium is a blog site describing the setup process for Atom. This website completely lacks any form of global navigation and a local nav would be appreciated. The mobile website is alright however the pictures on the site are very helpful and give you a better idea as to what is being discussed.

Flight-manual Atom - Flight manual is a guide created by the developers of Atom. The mobile website is non existent however, each page has the ability to switch its instructions between various operating systems which we hope to replicate.

Linux - This website is a Vim beginners guide on the Linux website. The website uses popups which is discouraged however the mobile version is great.

3. Site Content

a. Content Grouping and Labeling

Tutorial Ideas:

- Basic usage of text editor
- Help me section
- How to download
- Project management within a text editor
- Images that guide the user through the menus as a visual aid along with step by step instructions. Kind of like wikihow
- Have a completely different page for setting up the text editor if users somehow can't figure it out
- we can have an extension/link to go to configuration settings if the user wants to customize their text editor
- After giving a tutorial on a certain subject, give the user a link that they can go to to watch a video on the step by step process if they are having problems

Tutorial Specifics:

- Which one for specialized technologies, javascript, php, etc.? Quiz
- Best plugins that would improve work flow
- Navigation by menu (as in the text editor) -- descriptions
- Creating packages -- editor specific
- How to install on various operating systems
- Advanced features -- editor specific
- shortcuts

Comparing and Contrasting

- Various similar grouping of text editors
- Difference between IDE and other text editors
- What's the best to use? Quiz
- Which one should they use? Quiz
- Graphs of the most popular ones stat page
- Best plugins that would improve work flow

QUIZ*: Simple Quiz-based recommendation engine

Site Structure Ideas:

- Search bar
- Map of program (Maybe interactive?)
- Navigation by menu (as in the text editor) -- descriptions

b. Functional Requirements

- We will be using bootstrap to help easily layout our website and there won't be too much uncertainty if someone adds something unknown to the group to the css or html we can easily use the library that come with bootstrap to understand anything. Also we can easily make it mobile friendly.
- ii. A jquery library to help use easily compare the different text editor side by side to see the pro and cons of the two or even more
 - 1. http://papermashup.com/jquery-product-comparison-plugin/
 - 2. https://codyhouse.co/gem/products-comparison-table/
 - 3. There need to be some personal changes perhaps to do things more to our liking.
- iii. We are using search functionality throughout our site
 - 1. https://www.thoughtco.com/searching-your-site-3466200
 - 2. https://www.w3schools.com/howto/howto is filter table.asp
 - 3. https://stackoverflow.com/questions/31368328/how-to-add-functionality-a-bootstrap-search-bar

4

- iv. Bootstrap javascript library allows you to collapse divs when clicked
 - 1. https://www.w3schools.com/bootstrap/bootstrap collapse.asp
- v. Embedding video
- vi. Print Forma

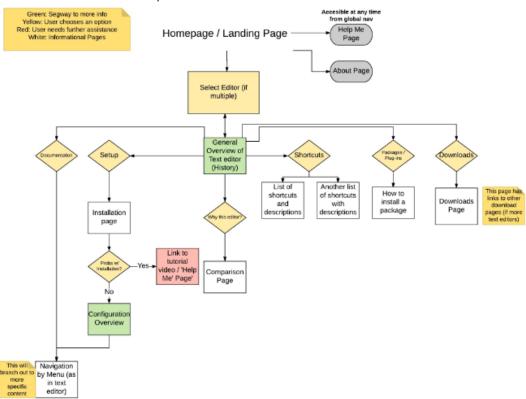
4. Site Structure

a. Site Structure Listing (or Summary)

The first thing the user will have to do is select the editor they want to learn more about. Once selected the navigation will change to that editor specific. The navigation will point the users towards tutorials for that given editor. In the tutorial there will be step by step walkthroughs guiding the user. The user can select a different start point depending on their previous skill level.

Before choosing a editor the user can view a comparison of the editors in order to determine which one is best for them. There we can list specific specs to each editor.

b. Architectural Blueprints



- c. Global and Local Navigation Systems
 - i. Global Nav ideas:
 - 1. Navigation that resembles the menu view options settings etc. links on a standard application
 - 2. Tabs for each individual text editor, each editor will have its own color scheme
 - 3. Static header with a scroll back to top button for ease of use
 - 4. Floating header that changes while scrolling down, simpler
 - ii. Local Navigation:
 - Floating side navigations to keep track of where we are on the page

- 2. Clearly defined headers with same page links to move around
- 3. When in specific tutorials, have a side nav with tutorial specifics
- 4. Next page/module button for navigation to the next logical page

Global Nav (Order By Priority)

LOGO Setup Documentation

Shortcuts

Packages

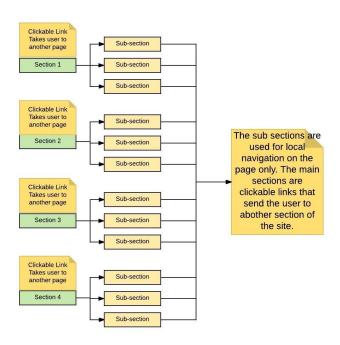
Downloads

Top picture depicts some of the possible main topics located in the global navigation.

Bottom shows design

Side Nav Bar Flow

Picture the basic for our side navigation.



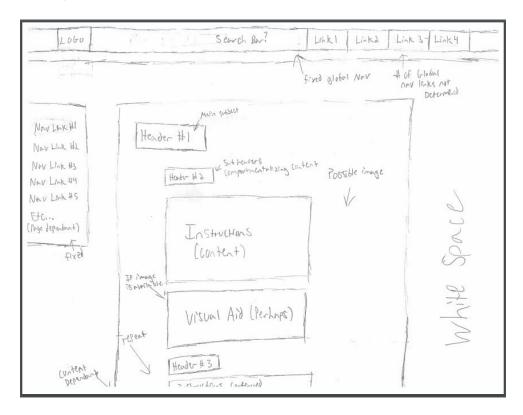
5. Visual Design

a. Design Sketches

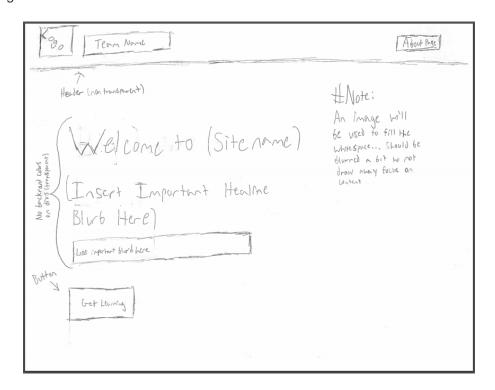
Downloads Page:

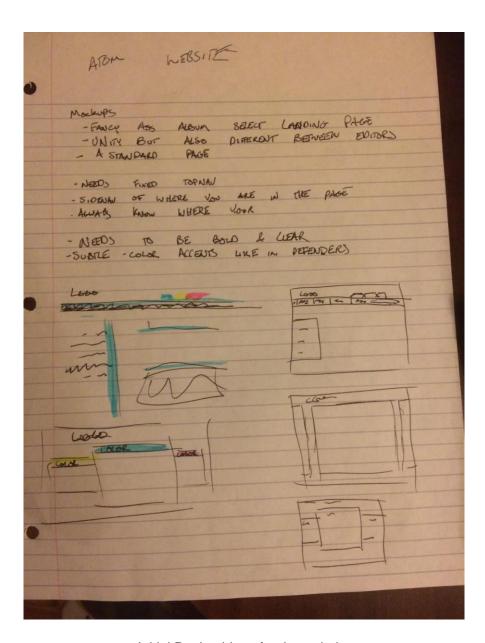
Text Editor Downloads	Links to different text edition download pages / still our site and some layout Other Deviloads
Description Link Description	Lnk3
Etc	

Generic layout page

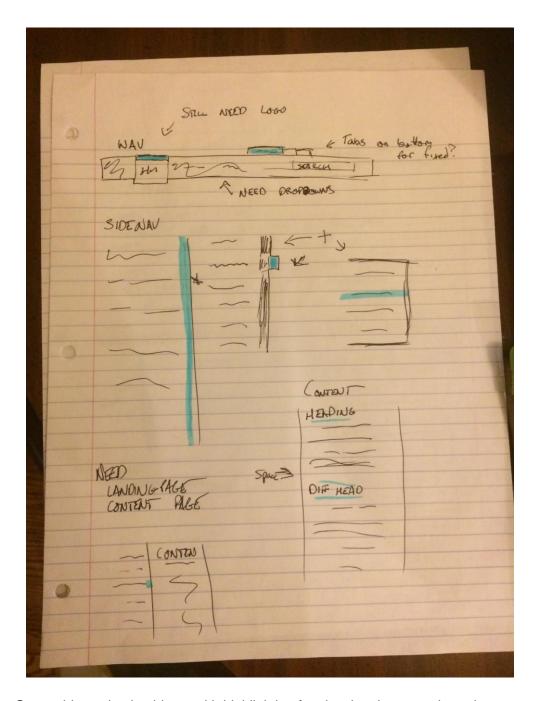


Landing page for the home screen



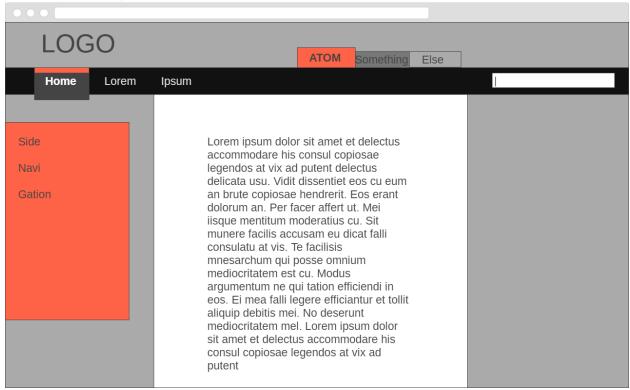


Initial Design ideas for the website

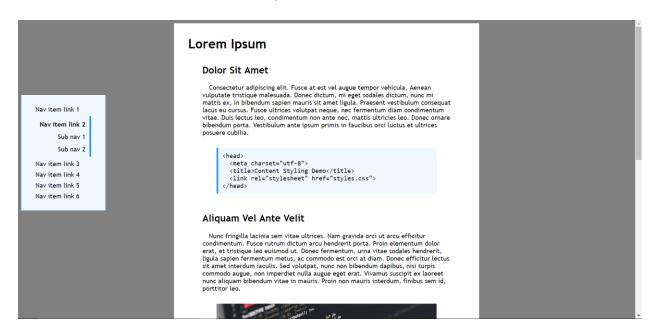


Some side navigation ideas, with highlighting for showing the user where they are.

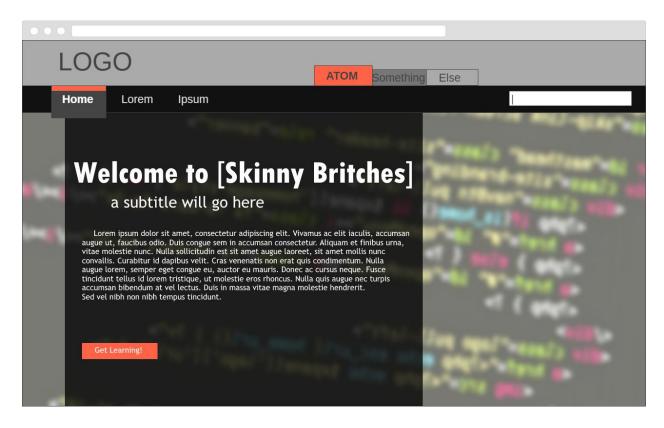
b. Page Mock-ups



Basic Wireframe of one of your pages. Features a sidenay that will float along with the scrolling. The tabs at the top are links to other text editors.



Mockup of content styling within the basic page, with fixed sidenav.



Design for our landing page. Features a welcome page that explains our site and shows off the basic structure of the site



Logo Ideas:

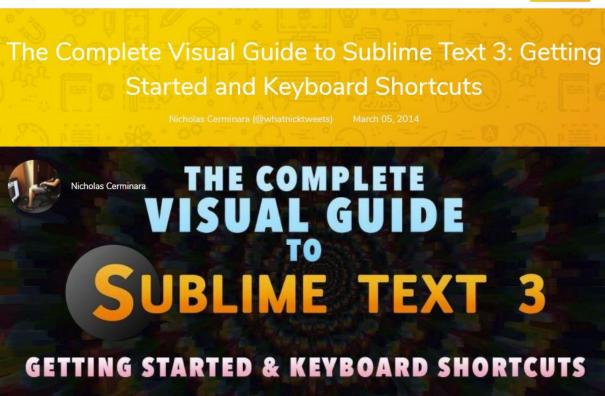


6. Appendix A: Competitive Analysis

https://scotch.io/bar-talk/the-complete-visual-guide-to-sublime-text-3-getting-started-and-keyboard-shortcuts

This website is a blog on how to use Sublime Text 3. One of the first things you notice for the website, not for the better, is that the title of the page appears twice for no real reason at all. It is nice that just by glancing at the page you know exactly what it's about but the space could have been used better. Some of the color choices could have been improved. For someone who is colorblind, the color chosen for the links is very difficult to read. A color that contrasted the background more would've been much better. There are also several videos throughout the page to give you a visual representation when you are at certain steps. These are great in theory however, the videos on this site are too small in size making it extremely difficult to watch the video without going into fullscreen. However the layout of this website is very clean. Headers are clear and while a local nav would've been helpful, it isn't needed. When glancing at this page you can clearly tell what is being discussed. The navigation on this website appears good at first. However, it could've used drop down menus for each of the bars as to navigate to any specific page on the website will take you at least 3 click. The mobile website was clearly an afterthought. One of the titles for the page got jammed together and the logo along with the login/sign up buttons extend off of what you think is the nav bar. Speaking of navigation, any form of navigation is completely absent on the mobile version.

scotch



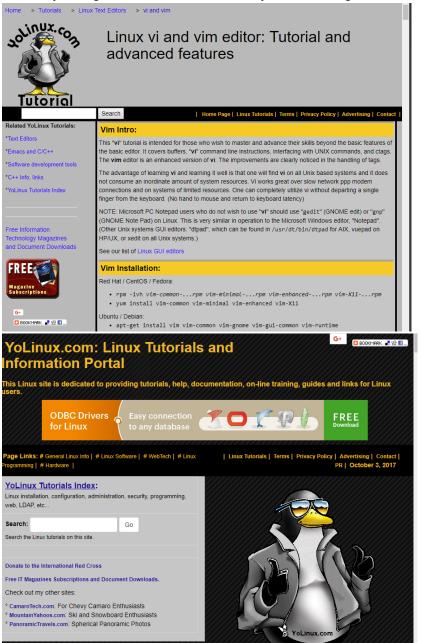
These posts are intended to be a :

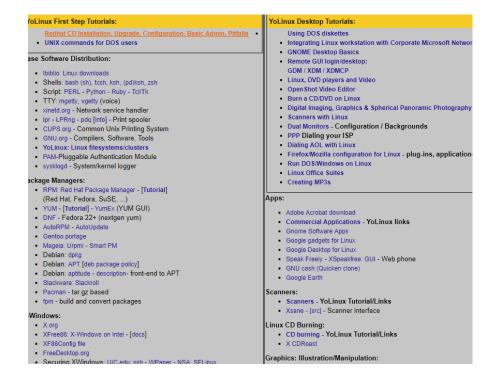
This series will take you from a pla

http://www.yolinux.com/TUTORIALS/LinuxTutorialAdvanced vi.html

YoLinux is a website dedicated to help linux users with any issues they may have. The color pattern to this website is yellow and gray and not much else and the website is very clearly just meant for professional use. It is not trying to impress you with its design in any way except for its logo. The logo for this website is a penguin wearing shades and a jacket and is the most visually appealing thing about this website. Navigation on the website has pros and cons. There is a basic navbar at the top but it can be easily overlooked and with how the homepage works, it isn't needed. It also is on the wrong side of the page which doesn't help. From every page you are on, you know what steps you should have taken to reach here and can retrace any of those steps. In addition to this, getting anywhere on this website should take you no more than two clicks. This is because the homepage acts as the main source of navigation for the page. As you scroll down the homepage you will find links leading you anywhere you may need. On the downside to navigation, there is no local nav. Since this website is just pages full of information, some form of local nav would've been immensely appreciated. While the headers give you a fair idea as to where you are, there is no way to jump between sections of a page. There is also no way to jump from the bottom of the page back to the top. Another problem with this website is that there is a horizontal scroll bar that serves no purpose. It is on each page I looked at. The

mobile version of this website is functional but not great. The homepage appears fine things are just one long column now. On other pages content tends to spill off screen a bit so that is definitely a negative. This website clearly wasn't designed for mobile use.





https://www.codementor.io/mattgoldspink/best-text-editor-atom-sublime-vim-visual-studio-codedu10872i7

This website is another blog site. The first thing I notice is that is is very clean. Nothing is too jarring to look at and the pictures throughout help keep your eyes focused. The Information that you get from the top of the page definitely give you a good idea as to what you should expect when you scroll down. The headers are clearly defined however with how long this page is, some form of local nav would have been helpful. The global nav of this page leaves a bit to be desired. With some messing around you will learn how to use it but it is confusing at first. The overall color scheme for this page is plain but works. It's very basic but everything flows together nicely. The mobile website is another positive to this website. It functions like the desktop and there are no noticeable downsides to using the mobile site over the desktop.

Lead engineer with 10+ years development experience & background in delivering training courses

Best Text Editor? Atom vs Sublime vs Visual Studio Code vs Vim

Published Sep 28, 2016 Last updated Jan 18, 2017



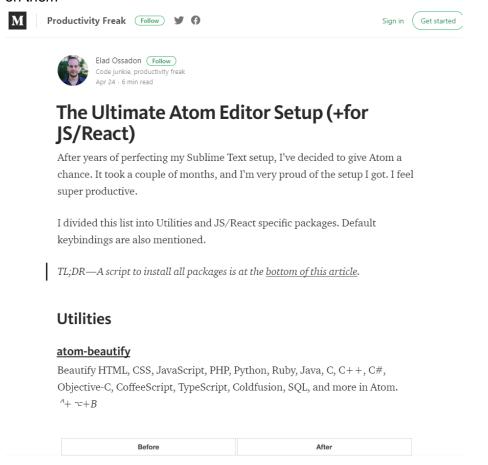
With so many programming text editors out there today, the seemingly simple task of choosing one suddenly becomes daunting and overwhelming.

While a straightforward answer to the "what is the best text editor for developers?" question doesn't exist, in this post, I will share with you a side by side comparison between four of most popular ones out there: **Atom, Sublime, Visual Studio Code, and Vim. **

https://medium.com/productivity-freak/my-atom-editor-setup-for-js-react-9726cd69ad20

This is another blog site. The first thing I notice about this website is the lack of any navigation. It appears the only global navbar is on the homepage to the website and the only form of navigation on specific pages are links back to the group of pages this belonged to. A for of local nav would have been nice as well as the page goes on for a long time and it could be tedious scrolling to a specific topic. The headers could use being more abundant and easier to notice. However for some of the headers they link to something that goes a bit more in depth about a specific topic which is a nice inclusion. The website has various pictures that show examples of what that topic is discussing. Some of these pictures are great and easy to read however some of them are difficult to read without enlarging the picture. In addition, some of the pictures do not have the option to be enlarged. The overall design of the website is simplistic and looks clean but is easy to get lost in. The mobile website over all looks good but has a few issues. The first

is that the bar at the top of the screen takes up a lot of space on the top of the screen. Another is that the pictures don't enlarge enough on a phone screen to be remotely able to read what is on them



https://flight-manual.atom.io/

The next site is the atom website itself. They have a section dedicated to how to use atom. It is meant for informational purposes and clearly does not try to impress you with visuals. The global nav works with it taking about two clicks to get to where you want to go. When within the documentation, there also is local nav to help go to specific topics. However it would be much better if the local nav was in a static position on the screen for longer pages. There are pictures throughout the various pages that show the specific topic discussed and all appear to function as needed with no difficulty reading any of them. There is also the ability to easily switch between instructions for specific computers which is very helpful. Headers stand out enough to know where you are. This website is very simple and doesn't have a lot going on but will be useful for the amount of information it has. The mobile website is just a zoomed out version of the desktop website. There was no attempt at a mobile website.

Atom Flight Manual

Chapter 1: Getting Started

Why Atom?

Installing Atom

Atom Basics

Summary

Chapter 2: Using Atom

Atom Packages

Moving in Atom

Atom Selections

Editing and Deleting Text

Find and Replace

Snippets





Atom Documentation

Current Version: v1.21.0

New to Atom? Check out the getting started video.



Version: latest -

Search docs

Atom Flight Manual

The Atom Flight Manual covers everything from getting off the ground to replacing the engine. Go here to read the one and only book on everything Atom.



API Reference

The Atom API reference documentation is automatically generated from the Atom source code. Go here to see what tools you can use to build your own plugins.

Essential Classes:

AtomEnvironment

Color

CommandRegistry

CompositeDisposable

Config

Decoration

DisplayMarker

DisplayMarkerLayer

Disposable

Emitter

LayerDecoration

Atom Forum

The Atom Forum is the place to discu anything and everything Atom related entire Atom community. If you have p or are looking for help, this is your pla

Pinned Discussions:

Welcome to discuss.atom.io!

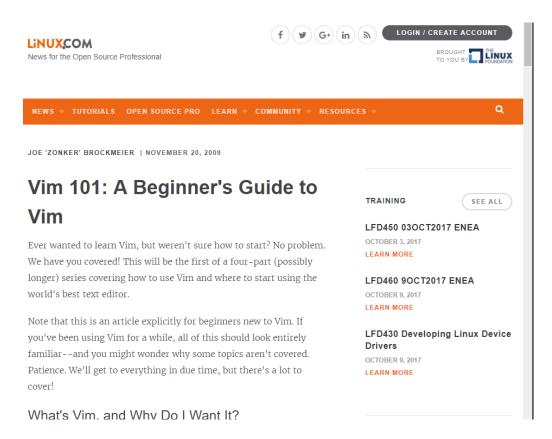
See the FAQ category and Atom I

Manual for FAQs

Join us on Slack

Visit the Forum

This website is a Vim Beginners guide on the Linux website. It starts off immediately with a popup asking you to subscribe to emails. Popups should not be in the website at all. The global nav for the website is very nice when it comes to getting you where you want to go however, when you hover over an item that has a dropdown list there is a very jarring transition and the button appears to grow which covers up neighboring items. There is a bit too much white space at the top of the screen with what little content is there but regardless by the time you reach the fold of the website you know what you should expect from this page. The headers are visible although they could benefit from standing out more. No text really stands out as you scroll and there aren't many pictures keeping your attention either. Reading the text on the site becomes a chore of sorts as a result of this. There also isn't any form of local navigation which would be useful as this is just a column of text. Something on the site that stands out significantly is the footer. It takes up about half the space on a monitor when it is all visible. The mobile version of the website compacts everything into a smaller column and it works really well being easier to read than the desktop version at times. The nav bar has some gains and losses in this version. It is much more visually appealing than the desktop version however when attempting to use it there are noticeable slowdowns on the website and it takes 10+ seconds to load at times. This was attempted on both a desktop using developer mode and a mobile device and was seen on both.



NEWS	TUTORIALS	OPEN SOURCE PRO		ABOUT LINUX.COM
ENTERPRISE			WHAT IS LINUX?	TERMS OF USE
DESKTOP			TRAINING	PRIVACY POLICY
MOBILE & EMBEDDED			CERTIFICATION	EDITORIAL POLICY
OPEN SOURCE			EVENTS	CONTACT
LINUX KERNEL			WEBINARS	
DEVOPS				
NETWORKING	COMMUNITY			
CLOUD COMPUTING	PARTICIPATE	NEWSLETTER		

DISTRIBUTIONS

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INFOGRAPHICS PHOTOS VIDEOS JOBS



Q&A

FORUMS

BLOGS

LEARN MORE



- 1. Images that guide the user through the menus as a visual aid along with step by step instructions. Kind of like wikihow
- 2. Have a completely different page for setting up the text editor if users somehow can't figure it out (Maybe a button on the homepage)
- 3. This goes with #2: along with the separate page for setup, we can have an extension/link to go to configuration settings if the user wants to customize their text editor
- 4. After giving a tutorial on a certain subject, give the user a link that they can go to to watch a video on the step by step process if they are having problems
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- 6. How to download
- 7. Best plugins that would improve work flow
- 8. Map of program (Maybe interactive?)
- 9. Search bar
- 10. Navigation by menu (as in the text editor) -- descriptions
- 11. Text editor software compare, pro and cons
- 12. Video tutorial links we aren't making
- 13. Basic usage of text editor
- 14. The homepage show the image of the all the edit and link to a setup tutorial -- screenshotting
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- 16. How to install on various operating systems
- 17. Advanced features -- editor specific
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