



## Drupal Website Development Using Emacs

GNU Emacs - Professionals Swiss Army Knife

Aaron Bello, [aaron@hosttor.com](mailto:aaron@hosttor.com), @hosttor

October 15, 2015

# What is GNU Emacs?

# What is GNU Emacs?

- An integrated enviroment written in Lisp.

# What is GNU Emacs?

- An integrated enviroment written in Lisp.
- Lisp was first developed in the late 50s at MIT for research in artificial intelligence and it is the second-oldest most used programming language toady.

# What is GNU Emacs?

- An integrated enviroment written in Lisp.
- Lisp was first developed in the late 50s at MIT for research in artificial intelligence and it is the second-oldest most used programming language toady.
- You can do all your work within GNU Emacs including document and file management

# What is GNU Emacs?

- An integrated enviroment written in Lisp.
- Lisp was first developed in the late 50s at MIT for research in artificial intelligence and it is the second-oldest most used programming language toady.
- You can do all your work within GNU Emacs including document and file management
- Supported OS are GNU/Linux, Mac OS X, MS Windows, Solaris

# What is GNU Emacs?

- An integrated environment written in Lisp.
- Lisp was first developed in the late 50s at MIT for research in artificial intelligence and it is the second-oldest most used programming language today.
- You can do all your work within GNU Emacs including document and file management
- Supported OS are GNU/Linux, Mac OS X, MS Windows, Solaris
- Disadvantage of GNU Emacs is high learning curve.

# What is GNU Emacs?

- An integrated environment written in Lisp.
- Lisp was first developed in the late 50s at MIT for research in artificial intelligence and it is the second-oldest most used programming language today.
- You can do all your work within GNU Emacs including document and file management
- Supported OS are GNU/Linux, Mac OS X, MS Windows, Solaris
- Disadvantage of GNU Emacs is high learning curve.
- Download GNU Emacs at [gnu.org/software/emacs](http://gnu.org/software/emacs)



# What is GNU Emacs?

- An integrated environment written in Lisp.
- Lisp was first developed in the late 50s at MIT for research in artificial intelligence and it is the second-oldest most used programming language today.
- You can do all your work within GNU Emacs including document and file management
- Supported OS are GNU/Linux, Mac OS X, MS Windows, Solaris
- Disadvantage of GNU Emacs is high learning curve.
- Download GNU Emacs at [gnu.org/software/emacs](http://gnu.org/software/emacs)
- Ctrl-h followed by t. For Tutorial

# Emacs Supported Technologies

# Emacs Supported Technologies

- HTML, CSS and Javascript

# Emacs Supported Technologies

- HTML, CSS and Javascript
- Python, Django

# Emacs Supported Technologies

- HTML, CSS and Javascript
- Python, Django
- Java

# Emacs Supported Technologies

- HTML, CSS and Javascript
- Python, Django
- Java
- Lisp

# Emacs Supported Technologies

- HTML, CSS and Javascript
- Python, Django
- Java
- Lisp
- C or C++

# Emacs Supported Technologies

- HTML, CSS and Javascript
- Python, Django
- Java
- Lisp
- C or C++
- Arduino



# Emacs Supported Technologies

- HTML, CSS and Javascript
- Python, Django
- Java
- Lisp
- C or C++
- Arduino
- Vi/Vim

# Emacs Supported Technologies

- HTML, CSS and Javascript
- Python, Django
- Java
- Lisp
- C or C++
- Arduino
- Vi/Vim
- Swift

# Emacs Supported Technologies

- HTML, CSS and Javascript
- Python, Django
- Java
- Lisp
- C or C++
- Arduino
- Vi/Vim
- Swift
- And many more...

# Thanks to Free Software Foundation



# Why Emacs For Drupal Development?

# Why Emacs For Drupal Development?

- Save time and increase productivity

# Why Emacs For Drupal Development?

- Save time and increase productivity
- The best industry tools for professionals

# Why Emacs For Drupal Development?

- Save time and increase productivity
- The best industry tools for professionals
- It is Free Software. No licence fees



# Why Emacs For Drupal Development?

- Save time and increase productivity
- The best industry tools for professionals
- It is Free Software. No licence fees
- You can modify the source code oppose to what you paid for with limitations.

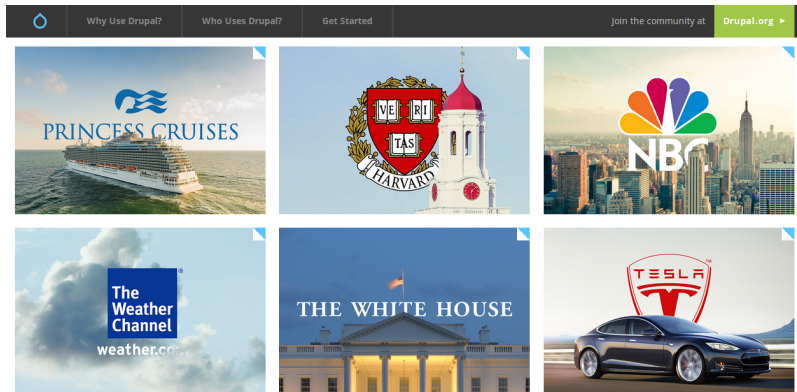
# Why Emacs For Drupal Development?

- Save time and increase productivity
- The best industry tools for professionals
- It is Free Software. No licence fees
- You can modify the source code oppose to what you paid for with limitations.
- You can share the software among your family, friends and anyone interested in Free Software.

# Why Emacs For Drupal Development?

- Save time and increase productivity
- The best industry tools for professionals
- It is Free Software. No licence fees
- You can modify the source code oppose to what you paid for with limitations.
- You can share the software among your family, friends and anyone interested in Free Software.
- Huge community with users worldwide.

# Powerful Brands Using Drupal



# Powerful Brands using Drupal

# Powerful Brands using Drupal

- Stanford Law School

# Powerful Brands using Drupal

- Stanford Law School
- Brown University

# Powerful Brands using Drupal

- Stanford Law School
- Brown University
- Yale University



# Powerful Brands using Drupal

- Stanford Law School
- Brown University
- Yale University
- University of Oxford

# Powerful Brands using Drupal

- Stanford Law School
- Brown University
- Yale University
- University of Oxford
- Bentley University

# Powerful Brands using Drupal

- Stanford Law School
- Brown University
- Yale University
- University of Oxford
- Bentley University
- PUMA - PUMA.COM

# Powerful Brands using Drupal

- Stanford Law School
- Brown University
- Yale University
- University of Oxford
- Bentley University
- PUMA - PUMA.COM
- CJ Affiliate By Conversant - CJ.COM

# Powerful Brands using Drupal

- Stanford Law School
- Brown University
- Yale University
- University of Oxford
- Bentley University
- PUMA - PUMA.COM
- CJ Affiliate By Conversant - CJ.COM
- MassPEP - Massachusetts Pre-Engineering Program

# Powerful Brands using Drupal

- Stanford Law School
- Brown University
- Yale University
- University of Oxford
- Bentley University
- PUMA - PUMA.COM
- CJ Affiliate By Conversant - CJ.COM
- MassPEP - Massachusetts Pre-Engineering Program
- The University of Tennessee and other universities

# Powerful Brands using Drupal

- Stanford Law School
- Brown University
- Yale University
- University of Oxford
- Bentley University
- PUMA - PUMA.COM
- CJ Affiliate By Conversant - CJ.COM
- MassPEP - Massachusetts Pre-Engineering Program
- The University of Tennessee and other universities
- Governments, Corporations and Organizations around the world have also adopted Drupal

# Demonstration Time



# Demonstration Time

- There are so many packages available to download.

# Demonstration Time

- There are so many packages available to download.
- Use Alt-x list-packages to see all packages.



# Demonstration Time

# Demonstration Time

- org-mode, org-agenda

# Demonstration Time

- org-mode, org-agenda
- weather, phases-of-moon, dictionary, holiday, chess, doctor

# Demonstration Time

- org-mode, org-agenda
- weather, phases-of-moon, dictionary, holiday, chess, doctor
- auto-complete, emmet, yasnipet, rainbow, show css

# Demonstration Time

- org-mode, org-agenda
- weather, phases-of-moon, dictionary, holiday, chess, doctor
- auto-complete, emmet, yasnipet, rainbow, show css
- F3 Start, F4 Stop/Play

# Demonstration Time

- org-mode, org-agenda
- weather, phases-of-moon, dictionary, holiday, chess, doctor
- auto-complete, emmet, yasnipet, rainbow, show css
- F3 Start, F4 Stop/Play
- You can create your own package using Emacs Lisp code or GUI.



# How I Use Emacs

# How I Use Emacs

- Twitter, IRC, LaTeX, secure password, HTML, CSS, PHP, JS

# How I Use Emacs

- Twitter, IRC, LaTeX, secure password, HTML, CSS, PHP, JS
- SSH, RSYNC, FTP, SCP, etags for Drupal Website

# How I Use Emacs

- Twitter, IRC, LaTeX, secure password, HTML, CSS, PHP, JS
- SSH, RSYNC, FTP, SCP, etags for Drupal Website
- Drupal mode is an advanced minor mode for development and management

# How I Use Emacs

- Twitter, IRC, LaTeX, secure password, HTML, CSS, PHP, JS
- SSH, RSYNC, FTP, SCP, etags for Drupal Website
- Drupal mode is an advanced minor mode for development and management
- Write code that adheres to drupal coding standards.

# How I Use Emacs

- Twitter, IRC, LaTeX, secure password, HTML, CSS, PHP, JS
- SSH, RSYNC, FTP, SCP, etags for Drupal Website
- Drupal mode is an advanced minor mode for development and management
- Write code that adheres to drupal coding standards.
- Search documentation for the symbol at point

# How I Use Emacs

- Twitter, IRC, LaTeX, secure password, HTML, CSS, PHP, JS
- SSH, RSYNC, FTP, SCP, etags for Drupal Website
- Drupal mode is an advanced minor mode for development and management
- Write code that adheres to drupal coding standards.
- Search documentation for the symbol at point
- python, Java, vi/vim, C or C++, Lisp, Arduino and many more...

# Drupal Website Showcase For MassPEP



# Drupal Website Showcase For MassPEP

- Massschusetts Pre-Engineering Program

# Drupal Website Showcase For MassPEP

- Massschusetts Pre-Engineering Program
- How We Use Emacs and Drupal, Drupal Gap

# Drupal Website Showcase For MassPEP

- Massschusetts Pre-Engineering Program
- How We Use Emacs and Drupal, Drupal Gap
- <http://www.masspep.org>

# GNU Emacs as a tool for a Bloggers

# GNU Emacs as a tool for a Bloggers

- M-x weblogger-setup-weblog

# GNU Emacs as a tool for a Bloggers

- M-x weblogger-setup-weblog
- You need to enable Blogger API on your website

# GNU Emacs as a tool for a Bloggers

- M-x weblogger-setup-weblog
- You need to enable Blogger API on your website
- <http://www.example.com/xmlrpc.php>

Special Thanks To AGARIC, FSF, BIORAFT,  
DRUPALNIGHTS, MAYFIRST

# DRUPAL NIGHTS



**MAYFIRST**



# Thank you all for coming

Thank you! Thank you!! Thank you!!!

# QUESTIONS?

