

Emacs as a webserver

Installing

Create config file

Start a blank emacs using the command line to load a custom .emacs.d.ehtml dir

```
mkdir -p .emacs.d/external  
touch .emacs.d/init.el
```

Download my org-ehtml fork

```
cd .emacs.d/external  
git clone https://github.com/map7/org-ehtml.git
```

NOTE: Includes ability to override stylesheets

Add basic emacs setup

~/.emacs.d/init

```
;; Setup packages
(package-initialize)
(require 'package)
(add-to-list 'package-archives '("melpa" . "http://melpa.org/packages/"))

;; Install use-package
(dolist (package '(use-package))
  (unless (package-installed-p package)
    (package-refresh-contents)
    (package-install package)))
```

Add requirements

~/.emacs.d/init

```
;; Install requirements for org-ehtml  
(use-package web-server :ensure t)
```

Add org-ehtml and config

~/.emacs.d/init

```
;; WIKI
(add-to-list 'load-path (expand-file-name "~/.emacs.d/external/org-ehtml"))
(require 'org-ehtml)
(setq org-ehtml-docroot (expand-file-name "~/org"))
(setq org-ehtml-everything-editable t)
(ws-start org-ehtml-handler 8889 nil :host "0.0.0.0")
```

Add stylesheet

`~/ .ox-ehhtml-override.css`

Remove all generated html files

```
rm ~/org/*.html
```

Give demo ATTACH

emacs

OR if you are just playing around;

HOME=~/.code/emacs_configs emacs

<http://localhost:8889>

Add startup emacs server to system

https://wikemacs.org/wiki/Emacs_server

Use cases

- Knowledge Base around the office
- Small traffic website

Pros

- Simple
- No apache or nginx required
- Edit
- [Link to updating git](#)

Cons

- Not for high traffic

References

- [GitHub - eschulte/emacs-web-server](#): web server running Emacs Lisp handlers.
- [GitHub - eschulte/org-ehtml](#): Export Org-mode files as editable web pages
- Emacs server - WikEmacs

Questions

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