Φτιάξε το δικό σου YouTube με ΕΛ/ΛΑΚ!

https://unweb.me

Ποιοι είμαστε: unweb.me Ε.Π.Ε.

R&D πληροφοριακών συστημάτων ΕΛ/ΛΑΚ

e-Government
Social Media CMS
GIS
Systems Security Virtual Servers
Video Conferencing
Private Clouds Intranets
WebTV

Γιατί όχι YouTube (ή Vimeo, blip.tv, κλπ);

- Terms Of Service: We do not agree!

- Θέλουμε έλεγχο του περιεχομένου μας

- Θέλουμε uploads χωρίς όρια

- Θέλουμε παραμετροποίηση (π.χ. transcoding settings)

- Θέλουμε ΕΛ/ΛΑΚ

- δε Θέλουμε λογοκρισία

Γιατί Plumi;

- πλήρες Video CMS βασισμένο στο Plone

- video transcoding framework

- ftp uploads + bittorrent downloads

- video analytics (experimental)

- tagging / podcasting / commenting

- customizable workflow engine

- multilingual content management

Μειονεκτήματα

- hardware requirements (CPU, RAM, HDD)

- administration requirements

- πολυπλοκότητα ανάπτυξης / παραμετροποίησης

- usability (UI redesign underway!)

Παραδείγματα Plumi portal

- EngageMedia - **www.engagemedia.org**

Anesvad foundation - **www.anesvad.tv**

- University of Bonn - **www.uni-bonn.tv**

- World Social Forum - wsftv.net

- Critical Commons - www.criticalcommons.org

- Red Hat

  ...

- Το δικό σας (μετά το workshop)!

Παραδείγματα: engagemedia.org

Παραδείγματα: default Plumi portal

Εγκατάσταση (dev buildout)

$ sudo apt-get install build-essential yasm subversion python2.6-dev libjpeg62-dev zlib1g-dev groff-base
...
$ svn co https://svn.plone.org/svn/collective/plumi.app/trunk plumi4.2
...
$ cd plumi4.2
...
$ python2.6 bootstrap.py -v 1.4.3 -c devel.cfg
...
$ ./bin/buildout -c devel.cfg
...

http://svn.plone.org/svn/collective/plumi.app/trunk/docs/INSTALL.txt

Buildout

Python-based build system for creating, assembling and deploying applications from multiple parts, some of which may be non-Python-based. It lets you create a buildout configuration and reproduce the same software later.

dev Plumi buildout

- zeo
- transcode daemon
- ffmpeg (+libs)
- ploneftp
- 1 debug zope instance
- supervisor
- +more

production Plumi buildout

+=

- 2-8 zope instances
- haproxy load balancer
- varnish cache
- additional initialization (chown, etc)

local configuration in site.cfg!

Supervisor

Supervisor is a client/server system that allows its users to control a number of processes on UNIX-like operating systems.

```
./bin/supervisord

./bin/supevisorctl status
transcodedaemon                RUNNING    pid 12880, uptime 0:00:02
zeo                            RUNNING    pid 12879, uptime 0:00:02

./bin/supervisorctl start|stop|restart transcodedaemon

./bin/supervisorctl shutdown

./bin/instance-debug fg
2011-05-20 10:00:38 INFO ZServer HTTP server started at ...
Hostname: 0.0.0.0
Port: 8080
...
2011-05-20 10:01:18 INFO Zope Ready to handle requests
```

Transcode daemon

- XML-RPC transcoding server

- based on Twisted

- uses ffmpeg + ffmpeg2theora by default

- easily configurable transcoding scripts @ ./scripts/

- supports load balancing

- non persistent queue

Χρήσιμοι σύνδεσμοι

- http://blog.plumi.org

- http://plumi.org/wiki

- http://svn.plone.org/svn/collective/plumi.app/trunk/docs/INSTALL.txt

- http://en.flossmanuals.net/Plumi/Introduction

- http://demo.plumi.org

- http://plone.org/products/plumi

- http://diazo.org/ - inovvative theming framework, not Plumi/Plone specific

Ευχαριστούμε!

https://unweb.me

we@unweb.me