

Φτιάξε το δικό σου YouTube με ΕΛ/ΛΑΚ!



<https://unweb.me>

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R&D πληροφοριακών συστημάτων ΕΛ/ΛΑΚ



A word cloud of technology-related terms. The words are arranged in a roughly rectangular shape, with varying sizes and colors. The largest words are 'Social Media' and 'Virtual Servers'. Other prominent words include 'e-Government', 'CMS', 'Systems Security', 'Video Conferencing', 'Private Clouds', 'Intranets', and 'WebTV'. The colors range from light yellow to dark purple.

e-Government
Social Media CMS
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

The screenshot shows a web browser window displaying the EngageMedia website. The browser's address bar shows the URL: www.engagemedia.org/Members/simancunich/videos/theres_no_future_lowres.mp4/View. The website header features the EngageMedia logo, a search bar, and a navigation menu with links: HOME, ABOUT US, CONTACT, HELP, SUPPORT US, GET INVOLVED, and BLOG. A secondary navigation bar includes 'log in' and 'register'.

The main content area displays a video player for the video 'THERE'S NO FUTURE IN COAL'. The video player includes a title, author information (by Simon Cunich, last modified Mar 29, 2011 01:20 PM), a description (A documentary on the New South Wales coal industry, filmed on the Just Transition Tour in November 2009.), a rating (RATING (2 VOTES): ★★★★★, YOUR RATING: ✖★★★★), and a duration (28:50). The video player also lists genres (DOCUMENTARY), categories (ACTIVISM, CLIMATE CHANGE, CONSUMERISM, CORPORATIONS / PRIVATISATION, SUSTAINABILITY), and keywords (ENERGY, COAL, NEWCASTLE, RISING TIDE, NSW). The country is listed as AUSTRALIA.

The video player includes a 'video information' section with the following details:

video information	
produced by	Simon Cunich, Fran Howe, Louise Maxwell, and Eva Kennedy

The video player also includes a 'Slow Connection? Try a lower resolution.' message and a 'Copy the following to embed the movie into another web page:' section with the following code:

```
<code><img alt="Thumbnail for 'THERE'S NO FUTURE IN COAL' video player." data-bbox="554 548 834 868"/>The thumbnail for the video 'THERE'S NO FUTURE IN COAL' shows a large black rock with the title text on it, set against a background of a green field, a blue sky, and a wind turbine. Below the rock, there is a group of people and a white van. Text on the thumbnail reads: 'THERE'S NO FUTURE IN COAL', 'STIMPS ON THE JUST TRANSITION TOUR', 'A FRANKING INTERVIEW WITH ANTI-COAL ACTIVISTS FROM AROUND NSW'.
```

The footer of the browser window shows the system tray with icons for volume, network, and power, and a 'View (100%)' option.

Παραδείγματα: default Plumi portal

The screenshot displays the Plumi video sharing portal. At the top left is the Plumi logo with the text "video sharing". To the right are links for "View Maps", "Accessibility", and "Site Setup". Below the logo is a search bar and a note: "this is a demo site of plumi, the engagemedia video". A navigation menu includes "Home", "About Us", "Contact", "Help", "Support Us", and "Get Involved". On the far right of the menu are "log in" and "join" links.

The main content area is divided into several sections:

- PUBLISH** and **BROWSE** buttons.
- NAVIGATION** sidebar with links: Members, Welcome to Plumi, News, Events, Editorial Policy, Latest Videos, Tag Cloud.
- TAGS** sidebar with a list of tags including: vpiip, video, zedq, Simpsons, featured, saeman, plumi, Conservation, Mekunik, sadiv, alternative, quirky, film, festival, DFI, Buan, ספורט כדור רגל, In Test, Tech, experiment, animation, כדורגל, UCC, abstractor, trance, art, derivative, work, expiring, כלב.
- Featured Video : I Travel**: Posted 2007-07-08, Video duration: 1 minute 25 seconds. Description: "I travel is a short video that visualizes the travelling we all do in our minds, imagining communities we long to be a part of. And for some, it is all they have." Includes a video player and categories: Sustainability, Country: Austria.
- News and Events : Plumi Released!**: EngageMedia is very excited to announce the first beta release of Plumi, a GPL licensed video sharing Content Management System based on Flore. Plumi enables you to create your own sophisticated video sharing site. By adding it to an existing Flore instance you can quickly have a wide array of functionality to facilitate video distribution and community creation. Includes a "Plumi" logo.
- Latest Videos**:
 - new video for me**: Posted: 2009-01-19, Video duration: 3 minutes 0 seconds. Title: "no monkeys i'm ahead". Categories: Animal Rights, Civil Liberties, Consumerism. Country: Toluca.
 - A little Monkey**: Posted: 2008-06-20, Video duration: 25 minutes 0 seconds. Title: "Funny monkey". Categories: Animal Rights.
- NEWS** sidebar with items: "More Text News 2009-03-1", "New Plumi version released! 2009-01-1", "More Text News 2009-03-1", "New Plumi version released! 2009-01-1", "More news...".
- CALL OUTS** sidebar with items: "'come over here' 2009-01-19", "'come over here' 2009-01-19", "All Call Outs...".
- RECENT COMMENTS** sidebar with items: "lur 2009-07-30", "subject 2009-07-30", "good 2008-11-30", "All recent comments...".

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
```

...

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>

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