

Curriculum Vitae

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Personal information

- **Name and Surnames:** Sergio Talens-Oliag
- **Place and Date of Birth:** Valencia, August, 12th, 1971
- **E-Mail:** sto@mixinet.net / sto@uv.es

Academic Background

- *M.A. In Computer Science* by the *Universidad Politécnica de Valencia* (<<http://www.upv.es/>>).
- A.B.D. on the program named *Distributed and Parallel Computation* of the *Departamento de Sistemas Informáticos y Computación* (<<http://www.dsic.upv.es/>>) of the *Universidad Politécnica de Valencia*.
- Obtained the Advanced Studies Diploma (D.E.A.) on the PhD program called *Interdisciplinary Doctorate in Communication* of the *Departamento de Teoría de los Lenguajes* (<<http://www.uv.es/teolen>>) of the *Universitat de València* (<<http://www.uv.es/>>), currently working on a PhD Thesis called *The Free Software Movement*.

Professional Experience

- Director of the *Free Software, Systems And Security Area (FS³A)* at the *Instituto Tecnológico de Informática* of the *Universidad Politécnica de Valencia*. May 2010 to present.
<http://www.iti.es/>
- Information Systems Manager at the *Instituto Tecnológico de Informática* of the *Universidad Politécnica de Valencia*. March 2006 to April 2010.
<http://www.iti.upv.es/>
- Part-time lecturer at the *Departamento de Informática* of the *Universitat de València*. January 2004 to September 2007.
<http://www.uv.es/dptinf>

- Computer Science Analyst for *T-Systems S.A.*, currently working full time for the *LliureX* Project (<<http://lliurex.net/>>) in the *Conselleria de Cultura, Educació i Esport* (<<http://www.cult.gva.es/>>) of the *Generalitat Valenciana* (<<http://www.gva.es/>>). January 2004 to March 2006.
<http://www.t-systems.es/>
- Computer Security Consultant for *Tissat S.A.*, inside the *InfoCentre* project (<<http://www.infocentre.gva.es/>>) of the *Generalitat Valenciana*. December 2002 - December 2003.
<http://www.tissat.es/>
- Part-time lecturer at the *Departamento de Sistemas Informáticos y Computación* of the *Universidad Politécnica de Valencia*. September 2003 - November 2003.
<http://www.dsic.upv.es/>
- Senior Programmer for *Internet Business Constellation* (iBC). July 2002 - November 2002, working as analyst and programmer.
<http://www.inetbc.net/>
- Senior Programmer for *Intelligent Software Components* (iSOCO). June 2000 - July 2002, working as Programmer and System and Network Administrator.
<http://www.isoco.com/>
- Researcher at the *Instituto Tecnológico de Informática* of the *Universidad Politécnica de Valencia*. June 1999 - May 2000.
<http://www.iti.upv.es/>
- Collaboration with the *Instituto Tecnológico de Informática* in an IMPIVA Project (<<http://www.impiva.es/>>). June 1998 - June 1999.
- Installation and Administration of TCP/IP Networks (Internet/Intranet) and Unix Servers (Linux) for:
 - *Instituto Valenciano de Investigaciones Agrarias* (IVIA), 1995-99.
<http://www.ivia.es/>
 - *Florida Centre de Formació*, 1996-98.
<http://www.florida-uni.es/>
 - *Federación Valenciana de Municipios y Provincias* (FVMP), 1995.
<http://www.fvmp.es/>
- Other courses taught:
 - Three courses **Preparation of the LPIC-1 Certification Exams** (*Linux Professional Institute Certification Level 1 Certification*). *Instituto Tecnológico de Informática*, 2010-2011.
 - One course about **Technical protection of Software**. *Instituto Tecnológico de Informática*, 2008.
 - One course about **Java Security**. *Instituto Tecnológico de Informática*, 1999.
 - One course about **Design and Layout of Publications**. *La Nau dels Estudiants* (*Universitat de València*), 1997.

- Four courses about **C++ Programming**. *Escuela Universitaria de Informática (Universidad Politécnica de Valencia)*, 1994-1996.
- One course about **Introduction to C++ programming for the Macintosh**. *Master de Artes Gráficas* of the *Universidad Politécnica de Valencia*, 1994.

Publications, talks and participation in Congresses and Conferences

- *Short History of Linux and The Free Software Movement*. Lecture given the courses 2002/2003, 2003/2004 and 2010/2011 in the *Universidad Politécnica de Valencia* as invited lecturer inside the course about *Computer Science History* and also on April 2006 inside the *V Jornadas de Software Libre* at the *Casa de Cultura de Burjassot*.
<http://www.uv.es/~sto/charlas/BHLSL/>
- Talk about *Free virtualization tools for GNU/Linux Systems* given at the **Congreso Internet del Mediterráneo** in Alicante, September 2010.
http://www.uv.es/sto/charlas/2010_CIM/
- Lecture about *Free Software Selection and Configuration for Server Networks* given at the **VIII Jornades de Programari Lliure** in Barcelona, July 2009.
http://www.uv.es/sto/charlas/2009_07_VIII_JornadesPL/
- *Free virtualization tools for GNU/Linux Systems*. Article included on the 15th number of **Actualidad TIC** (ISSN: 1696-5876), July 2009.
<http://www.iti.es/quienes-somos/publicaciones/tic15/>
- Lecture about *Free virtualization tools for GNU/Linux Systems* given at the **VII Jornades de Programari Lliure** in Barcelona, July 2008.
http://www.uv.es/sto/charlas/2008_07_VII_JornadesPL/
- Lecture about *Computer Science Projects Management with Free Software* given at the **III Jornadas de Software Libre de Albacete**, Albacete, April 2007.
<http://www.uv.es/sto/charlas/GPICSL/>
- *Agile Documentation Tools*. Article included on the 11th number of **Actualidad TIC** (ISSN: 1696-5876), November 2006.
<http://www.iti.es/quienes-somos/publicaciones/tic11/>
- Lecture on *Agile Documentation Tools* given at the **V Jornades de Programari Lliure UPC**, July 2006.
- *Design and Implementation of the Custom Debian Distributions Toolkit (CDDT)*. Talk presented on the **II Open Source World Conference** celebrated in Málaga, February 2006.
<http://people.debian.org/~sto/Malaga2006/>

- Lecture on *Free software development from the IT Industry* given at the **IV Jornades de Programari Lliure UPC**, July 2005.
<http://www.uv.es/~sto/charlas/Vilanova2005/>
- Lecture on *Building Custom Debian Distributions with the CDDtk* given at the **IV Jornades de Programari Lliure UPC**, July 2005.
<http://people.debian.org/~sto/Vilanova2005/>
- Lecture on the *LliureX Project* on the *Custom Debian Distributions Seminar* celebrated the 24th of September, 2004, inside the *Firenze World Vision 2004*.
<http://www.miu-ft.org/what/events/20040924.fwv.cdd/>
- Lecture on *Custom Debian Distributions* given at the **III Jornades de Programari Lliure** of the *Universitat Politècnica de Catalunya* (July 2004)
<http://www.uv.es/~sto/charlas/Manresa2004/>
- *Security on the application development*. Lecture given at the *Escuela Politécnica Superior* of the *Universidad de Castilla la Mancha, Albacete*, course 2004/2005.
<http://www.uv.es/~sto/charlas/SDA/>
- *Specialized GNU/Linux Distributions for the Public Administration*. Paper presented and included on the *proceedings* of the **International Conference on Open Source** celebrated in Málaga, February 2004.
<http://www.opensourceworldconference.com/2004/>
- Author of three articles published on the *Boletín Electrónico de Infocentre* during 2003.
<http://www.uv.es/~sto/articulos/>
- Author of the book *INTERNET. Redes de Computadores y Sistemas de Información*, Edited by **IITP-Paraninfo**, 1997.
<http://www.ivia.es/~sto/alice/>

Other activities

- Developer of the **Debian** Project.
<http://www.debian.org/>
- Design and layout of the series *Documentos de Trabajo (Eutopías)*, *Centro de Semiótica y Teoría del espectáculo*, *Universitat de València & Asociación Vasca de Semiótica*, 1988-1998.
<http://www.uv.es/~eutopias/>
- Design of the HTML pages of the **Ediciones Cátedra** web server, 1997.
<http://www.catedra.com/>

Languages

- **English:** high level, written and spoken.
- **Catalan/Valencian:** high level, written and spoken.

Computer Science Related Knowledge

- Operating Systems: UNIX, Windows and MacOS, at user, administrator and programmer level.
- Programming Languages: C, C++, Python, UNIX Shell, Java.
- Experience in integration, installation, configuration and maintenance of all kind of services, basically running under UNIX like systems and using free software:
 - Backup Systems (legato, rdiff-backup, etc.),
 - Content Management Systems (joomla, drupal, plone, etc.),
 - Databases (postgresql, mysql, etc.),
 - Directory Services (openldap, pam_ldap, nss_ldap, etc.),
 - Domain Name Services (bind, powerdns, dnsmasq, etc.),
 - E-Mail Services (postfix, dovecot, mailman, etc.),
 - Monitoring Tools (monit, nagios, zabbix, etc.)
 - Network Filesystems (nfs, samba, gfs, etc.),
 - Project Management Tools (trac, gforge, etc.),
 - Version Control Tools (subversion, git, etc.),
 - Virtualization Tools (linux-vserver, openvz, uml, vmware, xen, etc.),
 - Web Servers (apache, lighttpd, nginx, etc.),
- Unix/Linux Security Tools:
 - Firewalls (ipchains, iptables),
 - Intrusion Detection Systems (snort, integrity, logcheck),
 - Network Monitoring Tools (ntop, ipaudit),
 - Security Scanners (nessus)
- High Availability and Fault Tolerance Systems:
 - Linux-HA (hearbeat, mon, drbd, ...),
 - Load Balancing (lvs)