

Curriculum Vitae

Oriol Rius Canals

PERSONAL DETAILS

Name: Oriol Rius Canals

39 years old, Married

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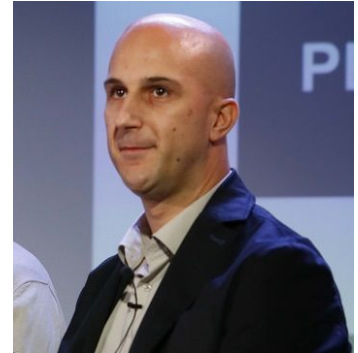
Blog: <http://oriolrius.cat>

Skype: oriol.rius

Twitter: [@oriolrius](https://twitter.com/oriolrius)

Facebook: <http://facebook.com/oriolriuscanals>

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PERSONAL PROFILE

- I'm a pure geek.
- 31 years learning about IT.
- Broad experience as a technical and project manager.
- Management and administration capacity for personal and group purposes.
- Extensive experience working with GNU/Linux and open source projects as system administrator, user, programmer and architect designer in different companies.
- Expert in Networking. Especially in TCP/IP stack and X25.
- Good expression level and public speech capabilities.
- Take a look at my conferences: <http://oriolrius.cat/conferencies/>

NUMBERS SUMMARY

- Programming: 31 years
- System Administrator: 24 years GNU/Linux
- Networking: 24 years (AX.25, X.25 and TCP/IP)
- Working for companies : 20 years
- Blogger: 18 years
- Co-owning companies: 16 years
- Architect: 15 years
- Processes: 10 years
- Coach: 9 years

LANGUAGES

- English
- Spanish
- Catalan

EDUCATION

- 2017: Data Science: Data to Insights (MIT Professional Education)
- 2017: Internet of Things: Roadmap to a Connected World (MIT Professional Education)
- 2017: Design Thinking ("la Salle" University)
- 2015: Introduction to accounting (15h at Aula Penedès)
- 2012: Agile Processes certification (SCRUM)
- 2011: Speed Reading course
- 2011: NLP Practitioner (Neuro Linguistic Programming)
- 2011: Business coaching certification
- 2011: Mindfulness course
- 2011: Personal Branding course
- 2002: Security degree in UPV (Universidad Politécnica de Valencia)
- 2002: Cisco CCNA Certification
- 2001: Bachelor degree: Telecommunication Engineer, speciality telematics in UPC (Universitat Politècnica de Catalunya)
- 1996: Amateur radio licence for high frequencies (144MHz-10GHz)
- 1994: SCO UNIX CERTIFICATION

AWARDS

- 2000: UNO-E (BBVA online bank) defensive hacking contest
- 2000: Interviewed in TV show talking about hacking
- 2001: Firewall programming contest, organized by ESWARE

EXPERIENCE

- **2014-now:** Co-founder and CTO at Nexiona (formerly **M2M Cloud Factory**)
- **2013-2015: IEE Empowering** - Intelligent Energy Europe (IEE) Big Data project, aimed at helping customers to save energy by positively managing their energy consumption. Working as solution architect.
- **Finished projects as freelance in 2013:**
 - **periodic:** consultant services in **M2M Cloud Factory**
 - **6 months: M2M Greenhouses** project for the **Chilean government**
 - **6 months: Media Pro** - Project: 2nd Screen - Professional Football league
 - **3 months: Nou-U:** International B2B MICE - improving architecture device with NoSQL databases
 - **2 months: Wuaki TV** (like Netflix in Spain and UK) - Project: Pre-processing video system
 - **2 months: El canal audiodescrito:** audio streaming service for blind people
- **2012-2013:** Co-owner of **muchomail.es** - mass mail company
- **2011-2013:** Co-owner of **La Tienda Emocional** e-commerce of personal development products
- **2007-2012:** CTO at **Vision Robotics and Systems, S.L.** - Highlighted project:
 - **2010-2012: El Corte Inglés** software for major digital signage network in Spain and most parts of Europe (23.000 displays)
- **2007-2012:** Consulting services about system administration and mail services at **Lan A2, S.L.**
- **2004-now:** Consulting services about networking and system administration in:
 - **Cartonajes Font,S.A.**
 - **Troquelservis,S.A.**
 - **NT Pack,S.L.**
- **2005-now:** Co-founder of **Ravenca Central 2005,S.L.** - Highlighted projects:
 - **2008-now: Nissan** kiosks dining room solution
 - **2006: Fotoprix** mobile recharging software for 300 photo shops

- **2005: STA** connecting X25 ATM network to TCP/IP network for mobile recharging purposes
- **2004-2010:** Consulting services about networking and system administration in:
 - **Proquimia, S.A.**
 - **Webcelona, S.L.**
 - **IUL, S.A.**
- **2002-2004:** CTO at **Intermobils I+D, S.L.** R&D for mobile phone solutions
- **2001-2002: Inforcom Software, S.L.** first year as an intern and the next year as a system administrator and networking manager

TECHNICAL SKILLS

System Administration:

- **UNIX:** SCO UNIX, XENIX, Solaris and SunOS
- **GNU/Linux:** Fedora, RedHat, CentOS, Debian, Slackware and Gentoo.
- ***BSD:** FreeBSD, NetBSD, OpenBSD
- **Virtualization and Cloud:** VMWare ESX, Xen Server, Amazon Web Services.
- **Deployment:** Vagrant, Ansible, Docker and Puppet.

Programming:

- **Models and methodologies:** SCRUM, CMMI, ITIL and UML.
- **Scripting languages:** Bash/shell, Perl, Python.
- **Web:** CGI, HTML4, HTML5, CCS2, CSS3, SASS, XML, JSON, JSONP, SOAP, AJAX, SPDY, Websockets, PHP, Python, Symfony, Django, Flask, Eve REST, NodeJS, JavaScript, jQuery, Sencha ExtJS and Sencha Architect 2.
- **Electronics and embedded:** PIC, Arduino and MBED (ARM M3)
- **Other languages:** Java, C, C++, Qt, QML, GTK, LUA, Ruby and LISP.

Networking:

- Advanced knowledge of **TCP/IP**.
- Deep knowledge of **Bluetooth**.
- **Wi-Fi:** 802.11a/b/g/n/ac
- **Amateur Radio:** AX25, SSTV, ATV, Pactor and Amtor
- **VoIP:** Asterisk and Cisco solutions. Deep knowledge about SIP, AIX, RTP, STUN, STURN and ICE.
- Familiar with **IP protocols:** SNA-IP, SMTP, POP3, IMAP, FTP, HTTP, DNS, IRC, XMPP, NIS, NIS+, NAT, OSPF, RIP, BGP, TOS, QOS, SSL, TLS, IPv4 and IPv6. Many more.

- **Guru level in Internet Mail and fighting against SPAM.**
- **Cisco router series:** 700, 800, 2500, 2600, 3600 and 7200.

Databases, messaging and office tools:

- **Relational:** Oracle, MySQL and PostgreSQL
- **No relational:** CouchDB, MongoDB, Redis, Memcached, Tokyo Cabinet and BerkeleyDB.
- **Messaging:** ejabberd (XMPP), RabbitMQ (AMQP), ZeroMQ, MQTT, STOMP and Mule ESB
- **Office and Security tools:** OpenAM (AAAA), Bonita Open Solutions (BPM) and Jasper Server (Reports)

Big data:

- **Hadoop:** MrJob, HDFS, HBase, PIG and HIVE.
- **Python:** PyTables, HDF5, Pandas, SciPy and NumPy.

Multimedia:

- Deep knowledge of **codecs and muxers:** MPEG1, MPEG2, MPEG4, H264, AAC, AC-3, MP3, OGG, WebM, Matroska, JPEG and PNG.
- **Tools:** ffmpeg, VideLAN (vlc), Image Magick, GStreamer, Photoshop and Gimp.

OTHER INTERESTS

- Posting in my blog page since 2000 about technology, personal development and personal events.
- Traveling around the world, so far this way I have visited 34 countries.
- Playing tennis and practicing spinning (indoor cycling).
- Reading books and blogs about many different things like: NLP, Mindfulness, Science, productivity, Getting Things Done (GTD), organization, Marketing, business management, economy, etc.
- I'm subscribed to 60 blogs to stay updated on technical news.

