

Concurso al Cuerpo de
Catedráticos de Universidad
Plaza: Y158/DF005206/16-10-2017

Jesús M. González Barahona

Universidad Rey Juan Carlos

30 de noviembre de 2017

“Los concursos de acceso de Catedráticos de Universidad constarán de una única prueba, que se celebrará en sesión pública en las dependencias de la Universidad Rey Juan Carlos, y que consistirá en la exposición oral durante un tiempo máximo de hora y media del historial académico, docente e investigador del candidato, así como de su proyecto docente e investigador, otros méritos que en él concurran y su adecuación al perfil de la plaza.”

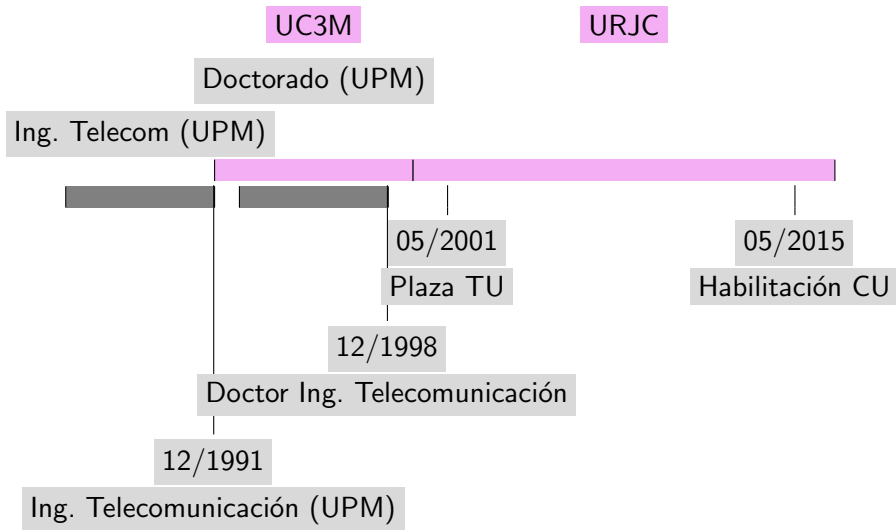
Resolución de 17 de octubre de 2017, de la URJC

- 1 Historial académico, docente e investigador
- 2 Ilustraciones del historial
- 3 Contexto académico
- 4 Proyecto docente
- 5 Proyecto investigador

- Información complementaria a esta memoria:
<http://gsyc.es/~jgb/plaza-cu>
- Sitio web de la Universidad Rey Juan Carlos:
<http://urjc.es>
- Sitio “Cursos web”, con recursos abiertos para las dos asignaturas presentadas en el proyecto docente:
<http://cursosweb.github.io/>
- Lista de publicaciones del candidato en Google Scholar:
<https://scholar.google.es/citations?user=vYIPWBOAAAAJ>
- Lista de publicaciones del candidato en DBLP:
http://dblp.dagstuhl.de/pers/hy/g/Gonz=acute=lez=Barahona:Jes=acute=s_M=.html
- GrimoireLab
<http://grimoirelab.github.io>
- Bitergia
<http://bitergia.com>

Historial académico, docente e investigador

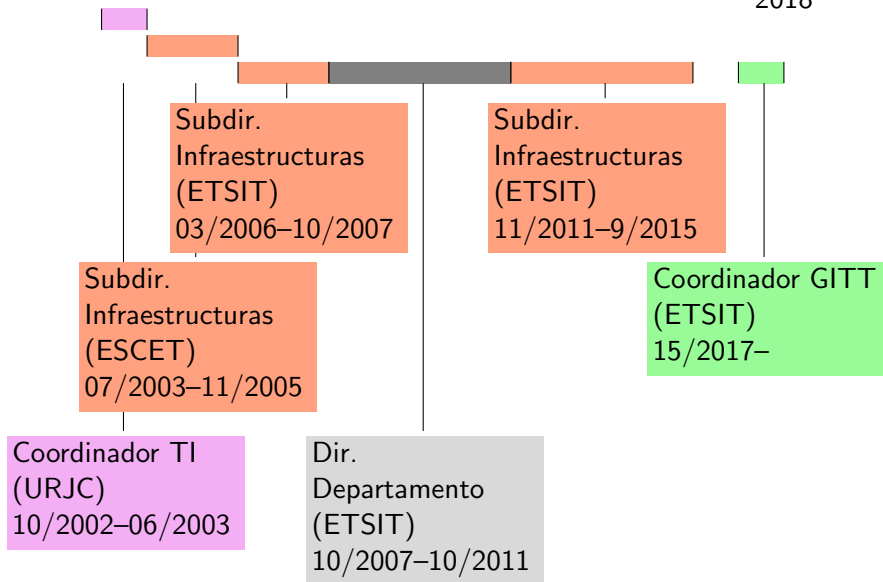
Mi vida (académica)



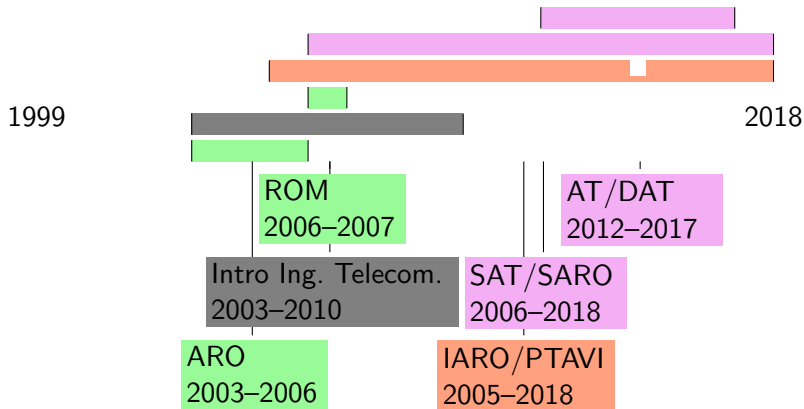
Labores académicas de gestión

2000

2018

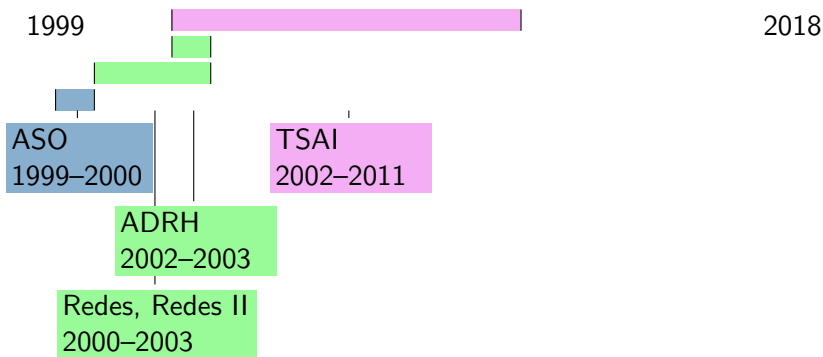


Docencia (Grado: Ing. Telecomunicación)



ARO: Arquitectura Redes Ordenadores / ROM: Redes de Ordenadores Móviles
 IARO: Información Audiovisual Redes Ordenadores
 PTAVI: Protocolos Transmisión Audio y Video en Internet
 SARO: Servicios y Aplicaciones en Redes de Ordenadores

Docencia (Grado: Ing. Informática)



ASO: Ampliación de Sistemas Operativos

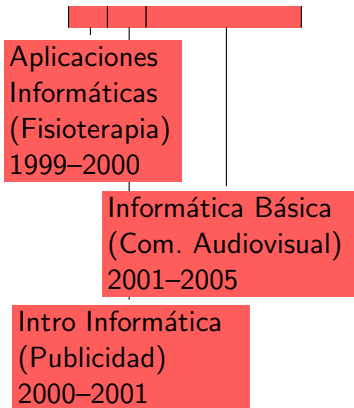
ADRH: Arquitecturas Distribuidas en Redes Heterogéneas

TSAI: Tecnologías de Servicios y Aplicaciones en Internet

Docencia (Grado: otros)

1999

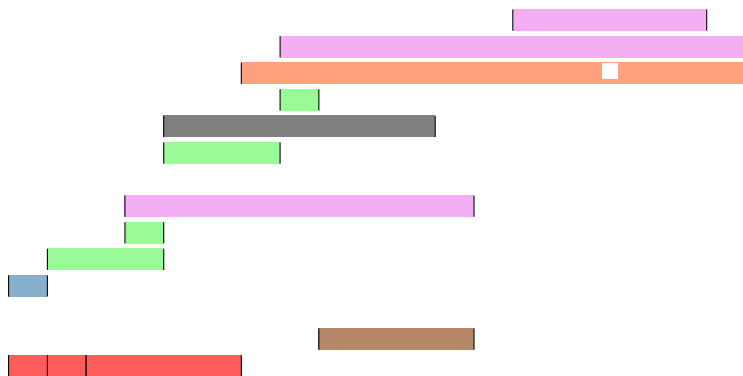
2018



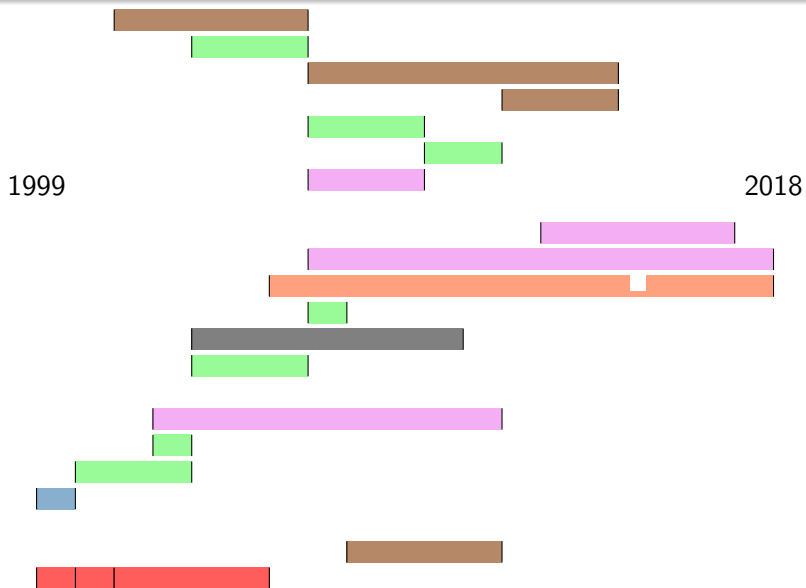
Docencia (grado)

1999

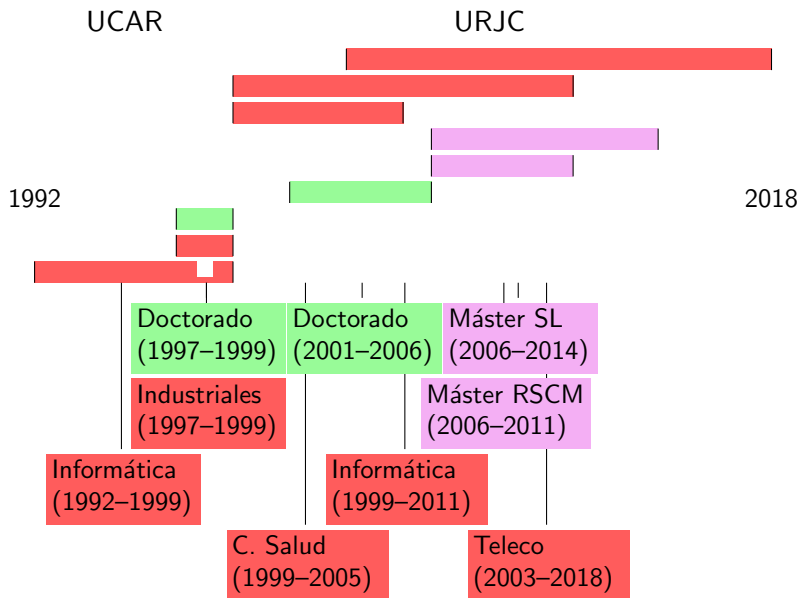
2018



Docencia (incluyendo postgrado)



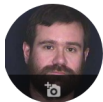
Docencia (titulaciones)



Investigación: publicaciones

Publicaciones JCR	9
Presentaciones CORE A	4
Presentaciones CORE B	6
H-index (Scholar)	36
Public > 100 citas (Scholar)	5
Public > 10 citas (Scholar)	84
Total (DBLP)	92

Investigación: publicaciones



Jesus M. Gonzalez-Barahona ✎

Universidad Rey Juan Carlos

Verified email at urjc.es - [Homepage](#)

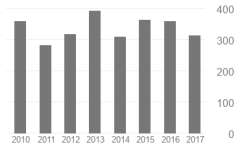
[Software development](#) [computer networks](#) [telematics](#)

FOLLOW

<input type="checkbox"/>	TITLE	CITED BY	YEAR
<input type="checkbox"/>	L Lopez-Fernandez, G Robles, JM Gonzalez-Barahona International workshop on mining software repositories, 101-105		
<input type="checkbox"/>	On the inequality of contributions to Wikipedia F Ortega, JM Gonzalez-Barahona, G Robles Hawaii International Conference on System Sciences, Proceedings of the 41st ...	160	2008
<input type="checkbox"/>	Remote analysis and measurement of libre software systems by means of the CVSAnalY tool G Robles, S Koch, JM González-BARAHONA, J Carlos Proceedings of the 2nd ICSE Workshop on Remote Analysis and Measurement of ...	129	2004
<input type="checkbox"/>	Evolution and growth in large libre software projects G Robles, JJ Amor, JM Gonzalez-Barahona, I Herraiz Principles of Software Evolution, Eighth International Workshop on, 165-174	126	2005
<input type="checkbox"/>	Quantitative analysis of thewikipedia community of users F Ortega, JM Gonzalez Barahona Proceedings of the 2007 international symposium on Wikis, 75-86	104	2007
<input type="checkbox"/>	Contributor turnover in libre software projects G Robles, JM Gonzalez-Barahona IFIP International Conference on Open Source Systems, 273-286	90	2006
<input type="checkbox"/>	Macro-level software evolution: a case study of a large software compilation JM Gonzalez-Barahona, G Robles, M Michlmayr, JJ Amor, DM German Empirical Software Engineering 14 (3), 262-285	88	2009

Cited by [VIEW ALL](#)

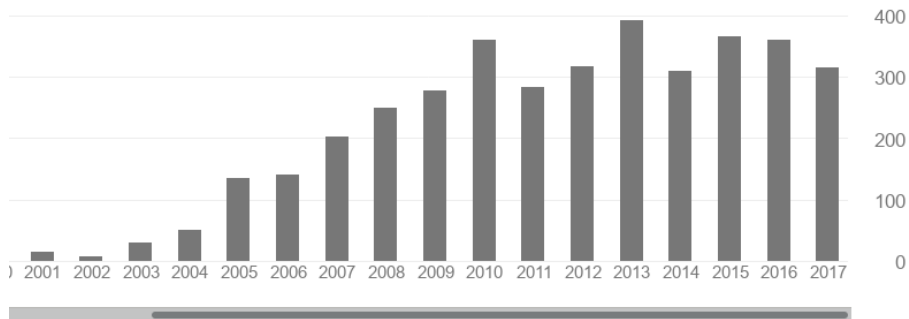
	All	Since 2012
Citations	3953	2081
h-index	36	27
i10-index	84	59



Co-authors [EDIT](#)

	Gregorio Robles Universidad Rey Juan Carlos	>
	Israel Herraiz BBVA Data & Analytics	>
	Daniel Izquierdo-Cortazar Bitergia, Universidad Rey Juan ...	>
	Juan-José Amor Universidad Rey Juan Carlos	>
	Vicente Matellán-Olivera Associate Professor of Compute...	>
	Felipe Ortega	>

Investigación: citas



Investigación: IP en proyectos

Financiador	Proyectos	Presupuesto aprox.
<hr/>		
Competitivos		
Comision Europea	9	2.000.000
Ministerios	8	300.000
<hr/>		
Contratos		
Comisión Europea	4	1.000.000
Emmpresas, AAPP	16	400.000

Periodos reconocidos

	Periodos	Último
Sexenios investigación	3	2017
Quinquenios docencia	4	2014
Trienios	8	2016

Ilustraciones del historial

Titulaciones UC3M (1992-1999)



UNIVERSIDAD
CARLOS III
DE MADRID



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PLAN DOCENTE

Información sobre las asignaturas del departamento en las diferentes licenciaturas, diplomaturas e ingenierías técnicas.

En fase de corrección

Índice de Licenciaturas, Diplomaturas e Ingenierías

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- [Ingeniería Técnica Industrial \(Electricidad\)](#)
- [Ingeniería Industrial \(Primer y Segundo Ciclo\)](#)
- [Ingeniería de Telecomunicaciones](#)
- [Ingeniería Técnica en Informática de Gestión \(Primer Ciclo\)](#)
- [Ingeniería Informática \(Segundo Ciclo\)](#)

Laboratorios con software libre (1993-2005)


 TOARUPO
 software education.....

Libre Software for Computer Science Classes

In 1993, the authors began using 386BSD to teach computer science classes at Madrid's Carlos III University, in Spain. Seven years later, NetBSD and GNU/Linux are the operating systems of choice for several of the University's computer science teaching laboratories.

Jesús M. González-Barahona, Pedro de-las-Heras-Quirós, José Centeno-González, Vicente Matellán-Olivera, and Francisco J. Ballesteros, King Juan Carlos University, Spain.

During 1991 and 1992, the landscape of libre software, and of software development in general, was ready for a change. In two different communities, two very exciting events were taking place: 386BSD, a libre derivative of the BSD code, was born, and Linus Torvalds distributed the first versions of the Linux kernel. Soon after, the software community had two libre operating systems at its disposal (for some basic references to online information on libre products and distribution, see the “Online Resources” and “Terminology” sidebars).

In late 1992 at Carlos III University, we were introducing new computer science studies and planning a distributed systems course. We were looking for a software platform suitable for practical lectures on distributed systems (our practical lectures take place in a computer lab and usually involve a programming exercise). Unfortunately, we couldn't afford workstations—we could only share a PC laboratory running MS-DOS, used to teach other computer sciences subjects. Therefore, we were pleased to discover that 386BSD could run on those PCs and already had the complete environment we needed for the practical lectures. We decided to give the new, exciting libre operating systems a chance—

both GNU/Linux and 386BSD were reasonably stable platforms.

History of the Unix Lab

After a testing period, we established a stable environment that several students helped us maintain and improve. When the semester started, a small group of around 20 students used 386BSD to learn to build client-server applications. The experiment was a success. The students, using the environment, were productive and fulfilled the goal we had set: to build simple RPC-based applications. 386BSD exposed them to a system similar to Unix workstations but at a fraction of the cost and with many new features—such as access to source code.



Grupo de Sistemas y Comunicaciones
Universidad Rey Juan Carlos

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Superior: [WWW.GSyC](#)



Grupo de Sistemas y Comunicaciones Departamento de Ingeniería Telemática y Tecnología Electrónica Universidad Rey Juan Carlos

El Grupo de Sistemas y Comunicaciones (GSyC) forma parte del Departamento de Ingeniería Telemática y Tecnología Electrónica de la [Universidad Rey Juan Carlos](#) y sus actividades principales son la docencia y la investigación en las áreas de Informática de Sistemas y Comunicaciones.

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- [Máster oficial en Sistemas Telemáticos e Informáticos](#)
- [Recursos Humanos](#)
- [Publicaciones y comunicaciones a congresos](#)
- [Reports on Systems and Communications \(Informes Técnicos/Technical Reports\)](#)

Subgrupos de investigación

- [Ingeniería del Software Libre / Libre Software Engineering](#)
- [Laboratorio de Sistemas](#): Hacemos sistemas que funcionan.
- [Laboratorio de Algoritmia Distribuida y Redes](#)
- [MobQuo](#)
- [Robótica](#)

Otras páginas en este servidor:

- [Información sobre Simple Com.](#)
- [Páginas del grupo SoBre \(software libre\).](#)
- [Información sobre gsync-dec](#)
- [Documentación](#) externa (no generada por el GSyC).

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Versiones de este documento: [[ps.gz](#)][[html.tar.gz](#)][[dvi.gz](#)]

GSyC

Tesis y Lower_Layer (1995-2002)

Teaching Network Programming with Ada and *Lower_Layer**

Jesús M. González-Barahona, José Centeno-González, Pedro de las Heras-Quirós
Francisco J. Ballesteros-Cámara, Luis López-Fernández

Grupo de Sistemas y Comunicaciones (GSyC)

Universidad Carlos III de Madrid

Phone no: +(34-91) 624-9497. Fax no: +(34-91) 624-9430

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e-mail: jcenteno@gsyc.inf.uc3m.es

July 24, 1998

Titulaciones ESCET (URJC) (1999-2011)



Ingeniería Informática
Ingeniería de Materiales (2º ciclo)
Ingeniería Técnica en Informática de Sistemas
Ingeniería Técnica en Informática de Gestión
Ingeniería Técnica Industrial (Química Industrial)
Ingeniería Química
Licenciatura en Ciencias Ambientales

La Universidad de todos



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Universidad Rey Juan Carlos. c/Tulipán s/n. 28933-Móstoles-Madrid. Tel. 91 664 74 00. Fax 91 664 74 31. E-mail: info@escet.urjc.es

Countando patatas (2000-2001)

Counting Potatoes: the Size of Debian 2.2

Jesús M. González-Barahona, Miguel A. Ortuño Pérez, Pedro de las Heras Quirós, José Centeno González and Vicente Matellán Olivera

Debian is the largest Free Software distribution, with well over 2,800 source packages in the latest stable release (Debian 2.2) and more than 4,000 source packages in the release currently in preparation. But, how large is “the largest”? In this paper, we use David Wheeler’s sloccount system to determine the number of physical source lines of code (SLOC) of Debian 2.2 (aka Potato). We show that Debian 2.2 includes over 56,000,000 physical SLOC (almost twice than Red Hat 7.1, released about 8 months later), showing that the Debian development model (based on the work of a large group of voluntary developers spread around the world) is at least as capable as other development methods (like the more centralized one, based on the work of employees, used by Red Hat or Microsoft) to manage distributions of this size.



The European Online Magazine for the IT Professional
<http://www.upgrade-cepis.org>
Vol. II, No. 6, December 2001

Uso de datos de CVS (2001-2003)

Studying the evolution of libre software projects using publicly available data

Gregorio Robles-Martínez, Jesús M. González-Barahona,
José Centeno-González, Vicente Matellán-Olivera, and Luis Roderó-Merino
GSyC, Universidad Rey Juan Carlos
{grex,jgb,jcenteno,vmo,lrodero}@gsync.es

CVSAnalY (2002-2015)

Remote analysis and measurement of libre software systems by means of the CVSAnalY tool

Gregorio Robles
Universidad Rey Juan Carlos
grex@gsync.escet.urjc.es

Stefan Koch
Wirtschaftsuniversität Wien
stefan.koch@wu-wien.ac.at

Jesús M. González-Barahona
Universidad Rey Juan Carlos
jgb@gsync.escet.urjc.es

Titulaciones ETSIT (URJC) (2003-)



INFORMACIÓN GENERAL

DEPARTAMENTOS

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BIBLIOTECA

ALUMNOS

TITULACIONES

COMUNIDAD UNIVERSITARIA

EXTENSIÓN UNIVERSITARIA

ÚLTIMA HORA

SECRETARÍA VIRTUAL

Campus de Fuenlabrada ETS. de Ingeniería de Telecomunicación



CONGRESOS Y SEMINARIOS

PRÁCTICAS EN EMPRESAS E.T.S.I.T.

Directorio

Webmail

Portal Servicios

Noticias

Software libre en Europa (2005)



Mejor artículo (2000-2006)



MSR 2006

Mining Software Repositories

**BEST
PAPER
AWARD**

Presented to

Gregorio Robles, Jesus M. Gonzalez-Barahona
Universidad Rey Juan Carlos

Martin Michlmayr
University of Cambridge

Juan Jose Amor
Universidad Rey Juan Carlos

for their paper entitled

**“Mining Large Software Compilations over Time:
Another Perspective of Software Evolution”**

Macro-evolución (2005-2008)

Empir Software Eng (2009) 14:262–285
DOI 10.1007/s10664-008-9100-x

Macro-level software evolution: a case study of a large software compilation

**Jesus M. Gonzalez-Barahona · Gregorio Robles ·
Martin Michlmayr · Juan José Amor ·
Daniel M. German**

Introducción al software libre

Jordi Mas Hernández (coordinador)
David Megías Jiménez (coordinador)
Jesús M. González Barahona
Joaquín Seoane Pascual
Gregorio Robles

FLOSSMetrics (2006-2009)



Project funded by the European Commission
under contract number FP6-033982

FIM is part of the FLOSSQuality initiative



Free/Libre and Open Source Software Metrics

Definition

What's it?
Details

Project News

First version of the data
web interface

Deliverable D3.2
"Database" released



RDF

Deliverables

WP1 - Data Sources
WP2 - Retrieval System
WP3 - Database

The FLOSSMetrics project

FLOSSMetrics stands for Free/Libre Open Source Software Metrics.

The main objective of FLOSSMETRICS is to construct, publish and analyse a large scale database with information and metrics about libre software development coming from several thousands of software projects, using existing methodologies, and tools already developed. The project will also provide a public platform for validation and industrial exploitation of results.

FLOSSMetrics targets

- Identify and evaluate sources of data and develop a comprehensive database structure, built upon the results of CALIBRE
- Integrate already available tools to extract and process such data into a complete platform
- Build and maintain an updated empirical database applying extraction tools to thousands of open source projects
- Develop visualisation methods and analytical studies, especially relating to benchmarking, identification of best practices, measuring and predicting success and failure of projects, productivity measurement, simulation and

Estudios sobre Wikipedia (2007-2009)

Proceedings of the 41st Hawaii International Conference on System Sciences - 2008

On The Inequality of Contributions to Wikipedia

Felipe Ortega, Jesus M. Gonzalez-Barahona and Gregorio Robles

Librosoft Group, Universidad Rey Juan Carlos

Tulipan, s/n 28933. Mostoles.

Madrid. SPAIN.

Email: {jfelipe,jgb,grex}@gsync.es

Reproducibilidad (2008-2012)

Empir Software Eng (2012) 17:75–89

DOI 10.1007/s10664-011-9181-9

On the reproducibility of empirical software engineering studies based on data retrieved from development repositories

Jesús M. González-Barahona · Gregorio Robles

Evolución basada en datos (2008-2013)

Studying the evolution of libre software projects using publicly available data

Gregorio Robles-Martínez, Jesús M. González-Barahona,
José Centeno-González, Vicente Matellán-Olivera, and Luis Roderó-Merino
GSyC, Universidad Rey Juan Carlos
{grex,jgb,jcenteno,vmo,lrodero}@gsync.es

Understanding How Companies Interact with Free Software Communities

Jesús M. González-Barahona, Universidad Rey Juan Carlos

Daniel Izquierdo-Cortazar, Bitergia

Stefano Maffulli, OpenStack

Gregorio Robles, Universidad Rey Juan Carlos

progress of new analytics techniques to study them. In turn, these techniques have started to produce useful results for both practitioners and other stakeholders.²

In particular, studies of company participation in large projects have started to raise industrial interest: FLOSS foundations want to learn about company participation in their projects, and the companies want to know more about corporate activity in the projects on which they rely. Here, we present two studies in this area—by LibreSoft, a research group specializing in the quantitative analysis of software development, and Bitergia, a LibreSoft spin-off company focused on software analytics services—into company activity in OpenStack and the fairness of WebKit's review process.

Characterizing Company Participation

Although corporate contributions have always played a role in FLOSS projects, the emergence of “communities

MetricsGrimoire (2002-2015)

MetricsGrimoire

Tools for software & development
community analytics

 @ GitHub

Update: Check the new GrimoireLab
platform

MetricsGrimoire

[Update]: Currently, main development related with *MetricsGrimoire* has stopped. Main contributors are working on a new platform: **GrimoireLab**

MetricsGrimoire (pronounced *'metriksgrim'war'*) is a toolset to obtain data from repositories related to software development: source code management (aka *version control*), issue tracking (aka *bug reporting*) systems, mailing lists, etc. Data and metadata about the software development processes is retrieved from those repositories (information about commits, ticket management, communication in mailing lists, etc.), and then organized and stored into SQL databases that can later be mined for specific patterns or summaries of activity.

MetricsGrimoire tools support many kinds of repositories, including those provided by GitHub (git & GitHub issue tracking).



Bitergia (2012-)



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SOFTWARE DEVELOPMENT **ANALYTICS**

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GrimoireLab (2014-)



GRIMOIRELAB

JOIN US!

CHA**SS**

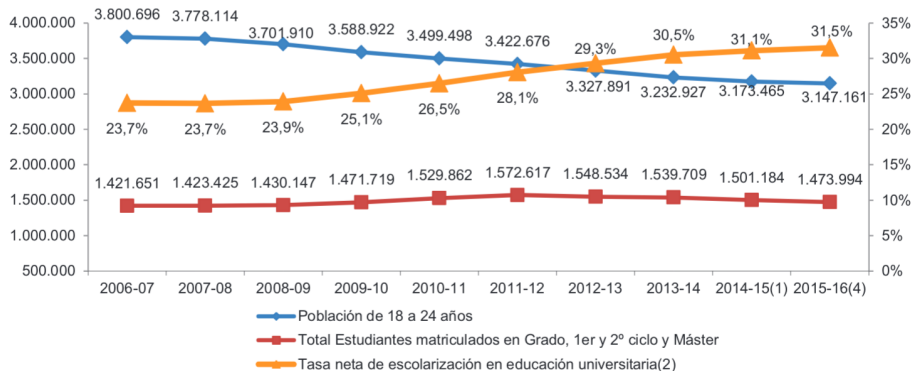
GrimoireLab is one of CHAOSS Software founding projects



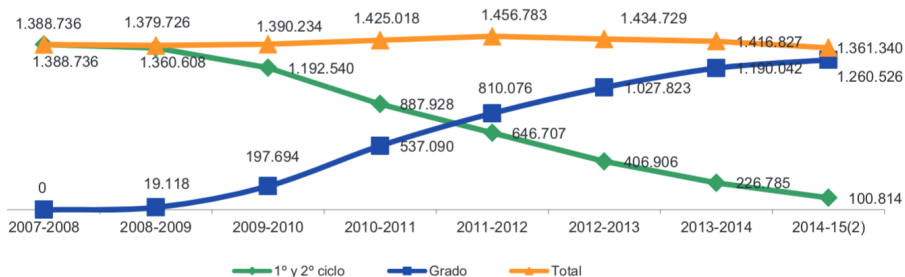
**FREE, LIBRE, OPEN SOURCE TOOLS FOR
SOFTWARE DEVELOPMENT ANALYTICS**

Contexto académico

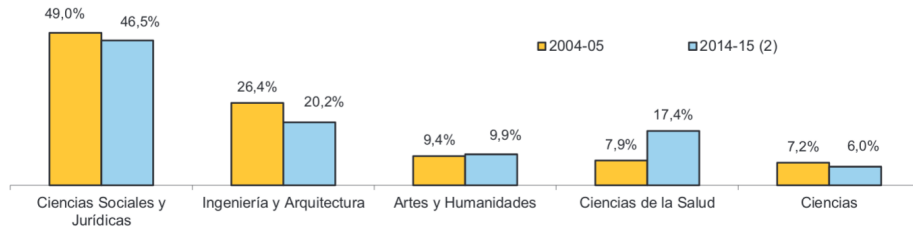
Universidad española: alumnos



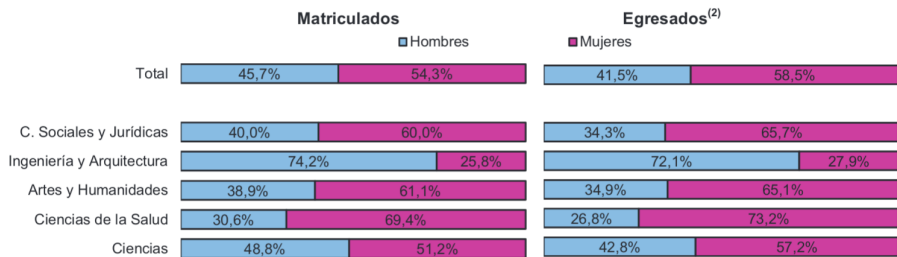
Universidad española: Bolonia



Universidad española: matriculados por rama

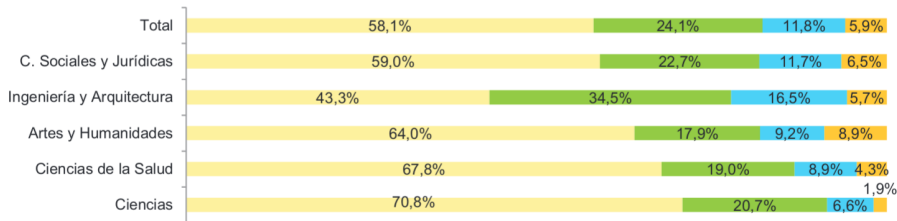


Universidad española: diferencia según género

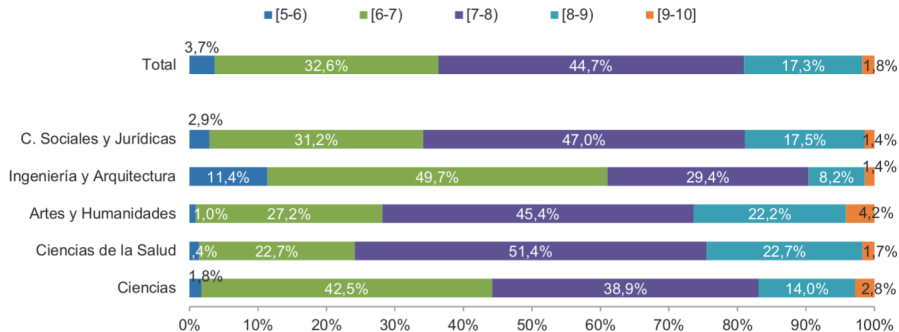


Universidad española: edades de egresados

■ Menos de 25
 ■ De 25 a 30 años
 ■ De 31 a 40 años
 ■ Más de 40 años



Universidad española: notas de egresados



Universidad española

Capítulo contable	2010	2013
1. Gastos de personal	5.962	5.625
2. Gastos en bienes y servicios	1.445	1.265
6. Inversiones reales	2.046	1.383
Total gastos	10.208	8.998
31. Precios públicos	1.751	2.078
44. Transf. corrientes AGE	208	164
45. Transf. corrientes Com. Autónomas	6.171	5.172
70. Transf. capital AGE	396	228
75. Transf. capital Com. Autónomas	675	715
Total ingresos	10.465	9.121

URJC: Titulaciones

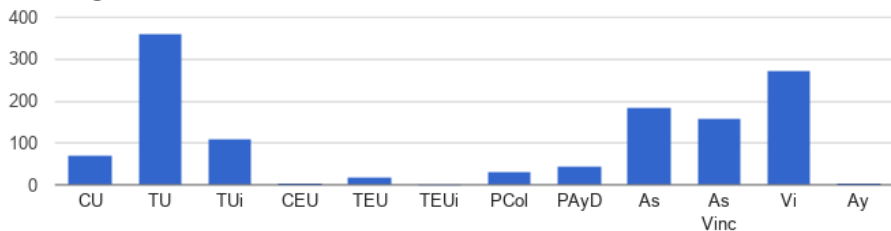
Grados	61
Grados en inglés	9
Grados semipresenciales	7
Grados a distancia	2
Dobles grados	81
Másteres oficiales	76
Másteres de títulos propios	109
Total de titulaciones	345

URJC: Matriculados

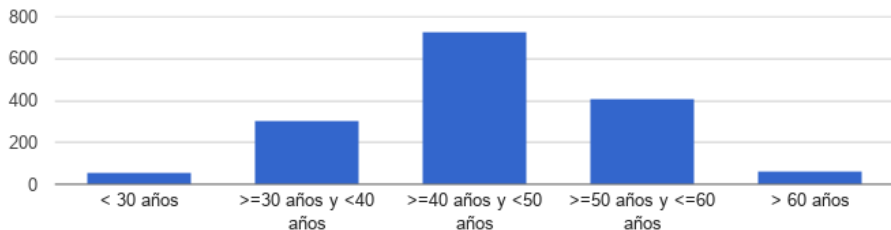
Total de Matriculados	2012-13	2013-14	2014-15	2015-16
Grado	23.876	28.691	31.624	34.427
Primer y Segundo Ciclo	5.396	2.992	1.445	1.081
Máster	2.980	2.861	3.206	4.460
Doctorado	1.021	1.258	1.509	1.694
Títulos Propios	2.128	2.599	2.668	3.208
Universidad de Mayores	567	597	542	588

URJC: Profesores (categoría, edad)

Categoría del PDI



Edades del PDI



URJC: Profesores (sexenios)

Nº sexenios	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Total profesores con sexenios	158	200	230	270	308	368	384	425	448	469	504	558
Nº total sexenios	271	334	384	457	515	620	667	760	817	899	991	1,125

URJC: Presupuesto gastos (2017)

CAPÍTULO	2016	2017	Incremento sobre 2016
<i>I Gastos de personal</i>	87.209.232	88.000.000	0,91%
<i>II Gastos corrientes en bienes y servicios</i>	21.213.806	24.464.206	15,32%
<i>III Gastos financieros</i>	100.000	100.000	0,00%
<i>IV Transferencias corrientes</i>	4.277.750	4.642.708	8,53%
<i>VI Inversiones reales</i>	9.043.240	10.740.855	18,77%
<i>VIII Activos financieros</i>	210.000	210.000	0,00%
<i>IX Pasivos financieros</i>	162.231	162.231	0,00%
TOTAL	122.216.259	128.320.000	4,99%

URJC: Campus Fuenlabrada



ETSIT URJC: Grados principales

- Ingeniería Aeroespacial en Aeronavegación
- Ingeniería Aeroespacial en Vehículos Aeroespaciales
- Ingeniería Biomédica
- Ingeniería en Sistemas Audiovisuales y Multimedia
- Ingeniería en Sistemas de Telecomunicación
- Ingeniería en Tecnologías de la Telecomunicación
- Ingeniería en Telemática

DTSCySTC URJC: Profesores (áreas)

Área de conocimiento	Número
Teoría de la Señal y Comunicaciones	31
Ingeniería Telemática	19
Ingeniería Aeroespacial	7
Lengua Española	5
Estadística e Investigación Operativa	3
Electrónica	3
Literatura Española	2
Ciencias de la Computación e Inteligencia Artificial	2
Arquitectura y Tecnología de Computadores	1
Total	73

DTSCySTC URJC: Profesores (categorías)

Categoría	Número
Catedrático de Universidad	3
Titular de Universidad	12
Titular de Universidad interino	7
Contratado Doctor	13
Ayudante Doctor	8
Visitante	12
Asociado	18
Total	73

Proyecto docente

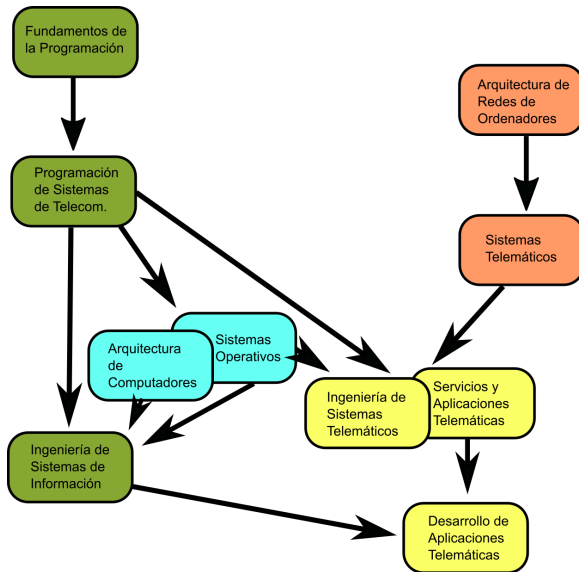
Servicios y aplicaciones telemáticas

Grado:	Ingeniería en Tecnologías de Telecomunicación
Cuatrimestre:	Tercer curso, segundo cuatrimestre
Créditos:	6 (3 teóricos, 3 prácticos)
Horas lectivas:	4 horas semanales
Aulas:	Laboratorio 209, Edif. Laboratorios III
Número de alumnos:	Habitualmente 30-50

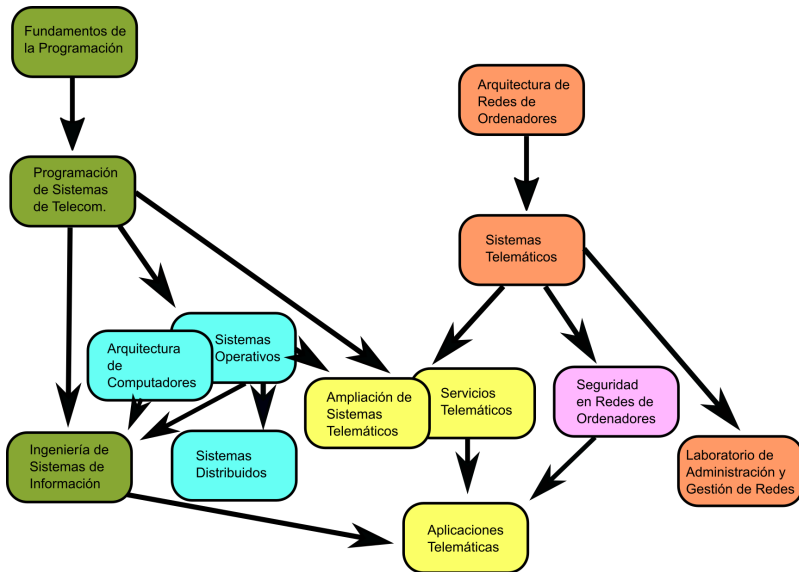
Aplicaciones telemáticas

Gradp:	Ingeniería Telemática
Cuatrimestre:	Cuarto curso, segundo cuatrimestre
Créditos:	6 (3 teóricos, 3 prácticos)
Horas lectivas:	4 horas semanales
Aulas:	Laboratorio 209, Edif. Laboratorios III
Número de alumnos:	Habitualmente 25-40

GITT: Asignaturas relacionadas



GIT: Asignaturas relacionadas



Método docente: elementos fundamentales

- Aprendizaje basado en problemas
- Conceptos teóricos
- Prácticas constructivas
- Evaluación basada en pruebas y prácticas

Método docente: recursos

- Tutorías
- Guía docente y Programa detallado
- Sitio web: <http://cursosweb.github.io>
- Campus virtual
- GitHub / GitLab
- Recursos en Internet
- Videos de clases magistrales

Medios necesarios

- Laboratorio docente
- Técnico de apoyo
- Forja de desarrollo y sistemas anejos
- Campus virtual y sitio web

Proyecto investigador

Summary

*“Methodology & tools
to support decision making
to improve time-to-merge
of software changes,
from requirements
to complete and correct
implementation.”*

Applicability universe

“Software development projects following continuous delivery practices, and oriented to continuous deployment”

- complete traceability of changes
- pre-commit code review
- automated testing

Scope

“When it is important to minimize time-to-deployemnt and time-to-merge, while at the same time it is needed to keep high quality standards”

- minimize the rate of bug seeding
- minimize iterations until complete implementation

Hypotesis

“Metrics about the whole process can be obtained automatically from information in the relevant software repositories.

These metrics can be useful to fine tune, and act upon, the different acts involved in the discussion, implementation and testing of proposed changes.

This allows to make decisions to optimize the full project from change proposal to change implementation.”

Specific goals

- Tools
- Data sets
- Estimation of time-to-merge
- Estimation of quality
- Determination of influencing factors
- Complete methodology

Iterations

- First: ElasticSearch & OpenStack, preliminary tools & datasets
- Second: Some more projects, generic tools & datasets, estimations
- Third: More projects complete methodology

OpenStack: blueprints



OpenStack

[Login / Register](#)

Overview Code Bugs **Blueprints** Translations Answers

Blueprints for OpenStack

Show only blueprints containing:

1 → 75 of 6139 results

First • Previous • **Next** ▶ • Last

Priority	Blueprint	Design	Delivery	Assignee	Project	Series
Essential	add-ssl-ca-support	Approved	Good progress	John Wood	barbican	future
Essential	ansible-specific-task-become	Approved	Needs Code Review	Duong Ha-Quang	kolla-ansible	ocata
Essential	api-base	Approved	Started	Boris Pavlovic	rally	
Essential	api-interface-bind-address-override	Approved	Blocked	David Wang	kolla	ocata
Essential	benchmark-base	Approved	Started	Boris Pavlovic	rally	
Essential	benchmark-scenario-base	Approved	Unknown		rally	
Essential	ci-git-support	Approved	Good progress	James E. Blair	openstack-ci	

[Register a blueprint](#) ➔

- [List all blueprints](#)
- [List documentation](#)
- [Assignments](#)
- [Register a blueprint](#)
- [Register a meeting](#)

Latest [All blueprints](#)
blueprints

- [Support restore backup to volumes simultaneously](#)
Registered 18 hours ago
- [Add mistral driver for triggering workflows](#)
Registered 21 hours ago
- [Enable multi-attach via V3 Attachment API's](#)

<https://blueprints.launchpad.net/openstack>

OpenStack: example of blueprint

[Log in / Register](#)


Barbican

Overview Code Bugs **Blueprints** Translations Answers

Add support to order new and modify existing SSL certs.

Registered by Chad Lung on 2014-02-18

This blueprint addresses support of ordering (new) and modification (existing) of SSL certificates from both globally rooted and internal certificate authorities through Barbican.

This blueprint would address changes needed to the Barbican orders resource as well as any other new resources that might be required. In addition, a schema would need to be created to track the SSL Certificate data and state as it progresses through the certificate authority's workflow.

Barbican would also require the ability to raise notifications/events to plugins that would handle the interaction between the CA and any other concerned endpoint (ie: a ticketing system). Initial information exists on the Barbican wiki for an eventing system: <https://github.com/cloudkeep/barbican/wiki/Blueprint:-Events>

(March 31, 2014) Additional details can be found on the wiki page: <https://wiki.openstack.org/wiki/Barbican/Blueprints/ssl-certificates>

This blueprint contains **Public** information
Everyone can see this information.

[Edit subscription](#)
 [Subscribe someone else](#)

Subscribers

[Joe Savak](#)
 [Soumiyajit](#)

`https://blueprints.launchpad.net/barbican/+spec/add-ssl-ca-support`

OpenStack: example of blueprint

Blueprint information

Status:

Started

Approver: Douglas Mendizábal

Related branches

Priority:

Essential

Drafter: Chad Lung

Related bugs

Direction:

Approved

Assignee: John Wood

Sprints

Definition:

Approved

Series goal:

Accepted for future

Implementation:

Good progress

Milestone target:

None

Started by Douglas Mendizábal on
2014-07-17**Completed by**

OpenStack: example of blueprint

Whiteboard

Gerrit topic: <https://review.openstack.org/#q,topic:bp/add-ssl-ca-support,n,z>

Addressed by: <https://review.openstack.org/95023>

Initial files for SSL Certificate processing

Addressed by: <https://review.openstack.org/107190>

Add Certificate Interface & Symantec Plugin

Addressed by: <https://review.openstack.org/115301>

Add initial files for certificate event handling

Addressed by: <https://review.openstack.org/115715>

Initial connect orders resource to certificate processing

Addressed by: <https://review.openstack.org/116078>

Add order plugin metadata entity and logic

Addressed by: <https://review.openstack.org/116956>

Additional work on certificate processing

OpenStack: example of code review



All Projects Documentation
 Open Merged Abandoned

Changes S

Change 107190 - **Merged**

Included in ▼ Patch Sets (17/17) ▼ Download ▼

Add Certificate Interface & Symantec Plugin

Adding the new Certificate interface and Symantec plugin. This includes unit tests as well as a part of the tasking.

Implements: blueprint add-ssl-ca-support

Change-Id: Ieb207f91c8251d8ec6601fa113f2501869382e74

Author	Chelsea Winfree <chelsea.winfree@gmail.com>	Jul 10, 2014 9:43 PM
Committer	Chelsea Winfree <chelsea.winfree@gmail.com>	Aug 8, 2014 8:09 PM
Commit	a40ee256b577905c66938469666cf5c242ac28b6	(gitweb)
Parent(s)	fd9901b460b94f48ca2cb69717f41a1828eca3b7	(gitweb)
Change-Id	Ieb207f91c8251d8ec6601fa113f2501869382e74	









Owner	Chelsea Winfree
Reviewers	Ade Lee Douglas Mendizábal Jenkins John Wood Juan Antonio Osorio Robles Steve Heyman Yang Li Chad Lung Donald Stufft Jarret Raim Kevin Bishop Lisa Clark Nathan Reller
Project	openstack/barbican
Branch	master
Topic	bp/add-ssl-ca-support
Updated	3 years, 4 months ago

Code-Review +2 Ade Lee John Vrbanc
 +1 Juan Antonio Osorio Robles Yang Li
 Verified +2 Jenkins
 Workflow +1 Paul Kehrer

Jenkins (1 rechecks)	Aug 8, 2014
gate-barbican-docs	SUCCESS in 2m 58s
gate-barbican-pep8	SUCCESS in 4m 19s
gate-barbican-python26	SUCCESS in 3m 08s
gate-barbican-python27	SUCCESS in 1m 23s

<https://review.openstack.org/#/c/107190/>

OpenStack: example of code review

Files		Open All	Diff against: Base
File Path	Comments	Size	
Commit Message			
A barbican/plugin/interface/certificate_manager.py	207		
D barbican/plugin/interface/certificates.py	2		
barbican/plugin/interface/secret_store.py	2		
barbican/plugin/symantec.py	109		
A barbican/tasks/certificate_resources.py	68		
A barbican/tests/plugin/test_symantec.py	103		
A barbican/tests/tasks/test_certificate_resources.py	123		
	+609, -5		

OpenStack: example of code review

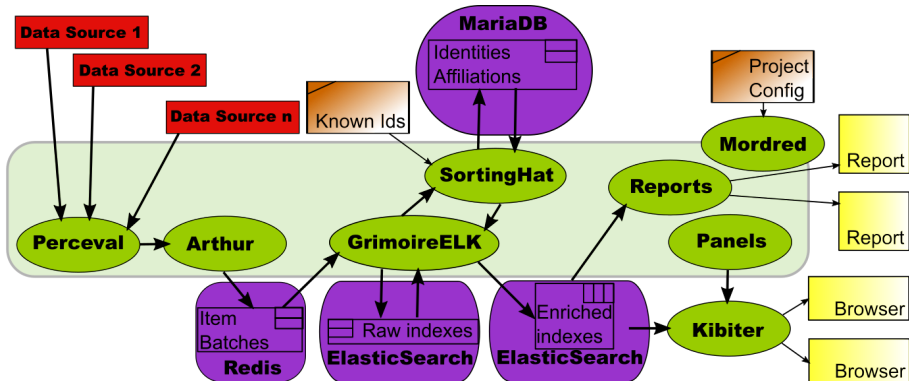
History
Expand All

Chelsea Winfree	Uploaded patch set 1.	Jul 16, 2014
Juan Ant...o Robles	Patch Set 1: Code-Review-1 I would rather have the abstract state machine classes in a separate commit. Instead of having them together with the symantec plugin stuff.	Jul 16, 2014
John Wood	Patch Set 1: Juan, I think every plugin implementation will be different, so I don't know how much common/shared code could be refactored out. Ade, would a Dogtag CA pl...	Jul 16, 2014
John Wood	Patch Set 1: Following up on this one....I think the only reusable part is the _get_state_from() logic around line #137. The rest of the logic I think will be pretty specific to a ...	Jul 16, 2014
Juan Ant...o Robles	Patch Set 1: -Code-Review	Jul 16, 2014
Yang Li	Patch Set 1: Code-Review+1	Jul 17, 2014
Steve Heyman	Patch Set 1: (5 comments) see comments barbican/plugin/interface/certificates.py Line 95: Can an implementer of a plugin return a value, or does it have to be none? Line 117: is this true? Would someone who implements this return none? Line 133: are these event objects, or functions to raise these events? Line 174: same as above - is None the only possibility for plugins? Line 182: add :param and :returns here to be consistent	Jul 17, 2014 ↩
Douglas Mendizábal	Patch Set 1: Code-Review-1 (3 comments) Commit Message Line 8: Please add: Implements: blueprint add-ssl-ca-support Also, change topic branch to bp/add-ssl-ca-support barbican/plugin/interface/certificates.py Line 23: Nit: insert blank line between different groups of imports. Line 95: +1 :returns: None is not very helpful here. If there is nothing to return, then leave the :returns: part out.	Jul 17, 2014 ↩

OpenStack: example of code review

Juan Antonio Osorio Robles		Aug 7, 2014 ↩
Patch Set 15: Code-Review-1		
(2 comments)		
barbican/plugin/interface/certificate_manager.py		
Line 153:	Yeah... Actually now that you mention it, I had completely forgotten about the existence of Enum in python :o	
barbican/tests/plugin/test_symantec.py		
Line 33:	++	
Chelsea Winfree	Uploaded patch set 16.	Aug 7, 2014
Chelsea Winfree		Aug 7, 2014 ↩
Patch Set 15:		
(3 comments)		
barbican/plugin/interface/certificate_manager.py		
Line 24:	done, edited secret_store.py also to conform to standard	
Line 75:	done.	
Line 153:	enum is not in global requirements for openstack, so we cant use it here :(
Juan Ant...o Robles	Patch Set 16: Code-Review+1	Aug 7, 2014
Ade Lee	Patch Set 16: Code-Review+2	Aug 7, 2014
John Vrbnac	Patch Set 16: Code-Review+2	Aug 8, 2014
Yang Li	Patch Set 16: Code-Review+1	Aug 8, 2014
John Wood	Patch Set 16: Workflow+1	Aug 8, 2014
Chelsea Winfree	Uploaded patch set 17.	Aug 8, 2014
Paul Kehrer	Patch Set 17: Workflow+1	Aug 8, 2014
Jenkins	Change has been successfully merged into the git repository.	Aug 8, 2014

GrimoireLab: general overview



Schedule

Task	Quarters											
T1	■											
T2	■	■	■	■	■	■	■	■	■	■	■	■
T3	■	■	■	■	■	■	■					
T4			■	■	■	■	■	■				
T5				■	■	■	■	■	■	■	■	■

- T1: Kick-off
- T2: Management
- T3: First iteration
- T4: Second iteration
- T5: Third iteration

Milestones & deliverables

Milestone	Name of milestone	Date (month)	Deliverable
M1	Kick-off activities complete	3	
M2	First iteration finished	12	D2.1: tools (1st version) D2.2: data sets (1st version) D2.3: First, very limited, methodology D2.4: First iteration report
M3	Second iteration finished	24	D3.1: tools (2nd version) D3.2: data sets (2nd version) D3.3: Second methodology D3.4: Second iteration report
M4	Third iteration, and project, finished	36	D4.1: tools (3rd version) D4.2: data sets (3rd version) D4.3: Final methodology D4.4: Final project report

Other details

- Personnel
- Budget
- Dissemination plan
- Impact & training
- Relationship with industry



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<http://cursosweb.github.io>

Concurso al Cuerpo de
Catedráticos de Universidad
Plaza: Y158/DF005206/16-10-2017

Jesús M. González Barahona

Universidad Rey Juan Carlos

30 de noviembre de 2017