



<http://www.kamailio.org>

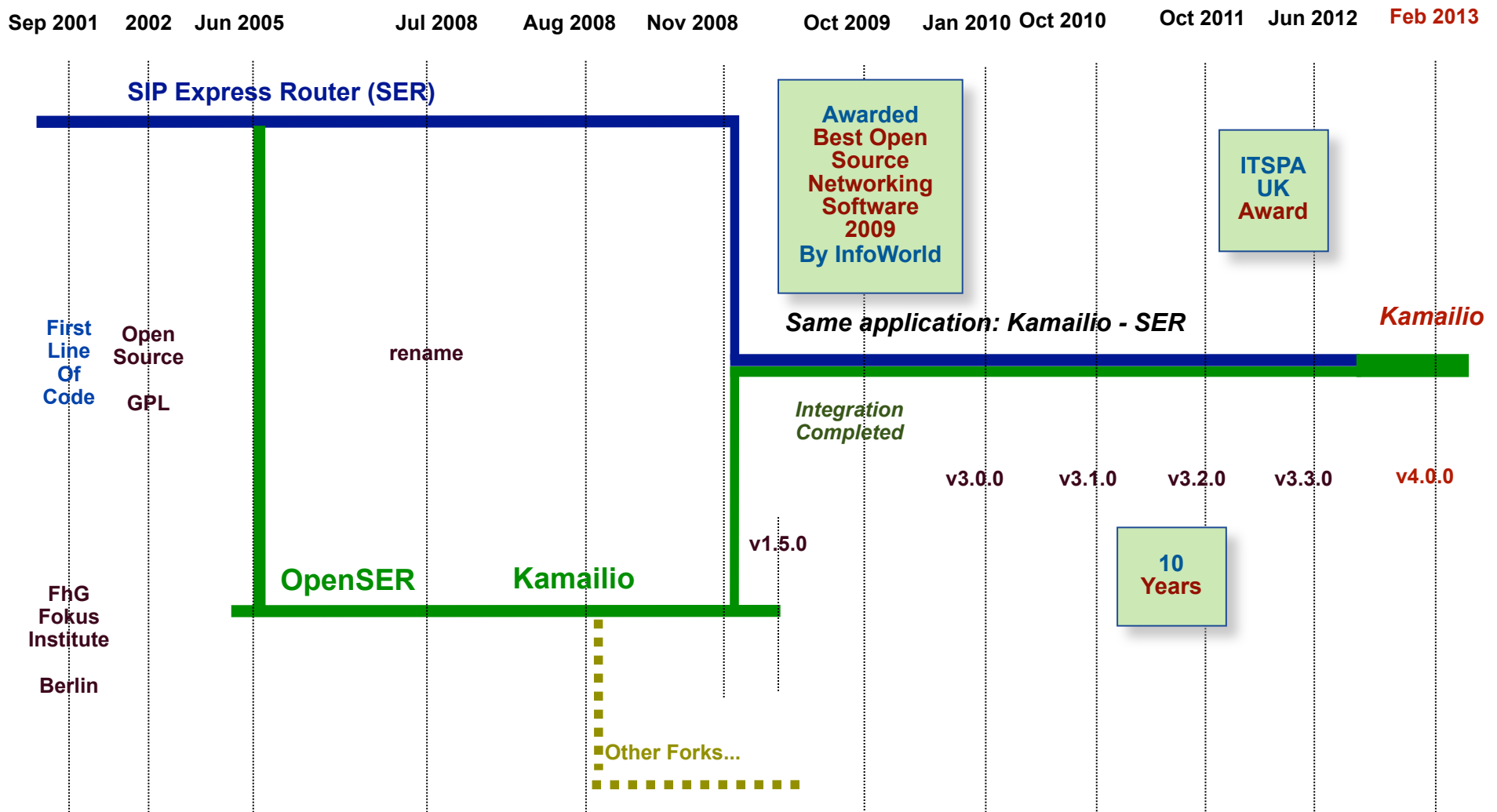
Kamailio

the open source SIP server

FOSDEM 2013, Brussels

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Co-Founder Kamailio SIP Server
<http://www.asipto.com>

A bit of history



State of the project



- Internal architecture refactored for v3.0.0
 - support asynchronous processing
 - TCP and TLS
 - SIP request handling
 - transaction management
 - internal libraries

Right now

- very stable core and main components
 - ➔ topped with our well known scalability and flexibility
- safe framework for future development
 - ➔ your work (extensions and deployments) is safe from now on for many years - there is no need to change the architecture again
- focus is on new features
 - ➔ v4.0.0 - back to single set of modules

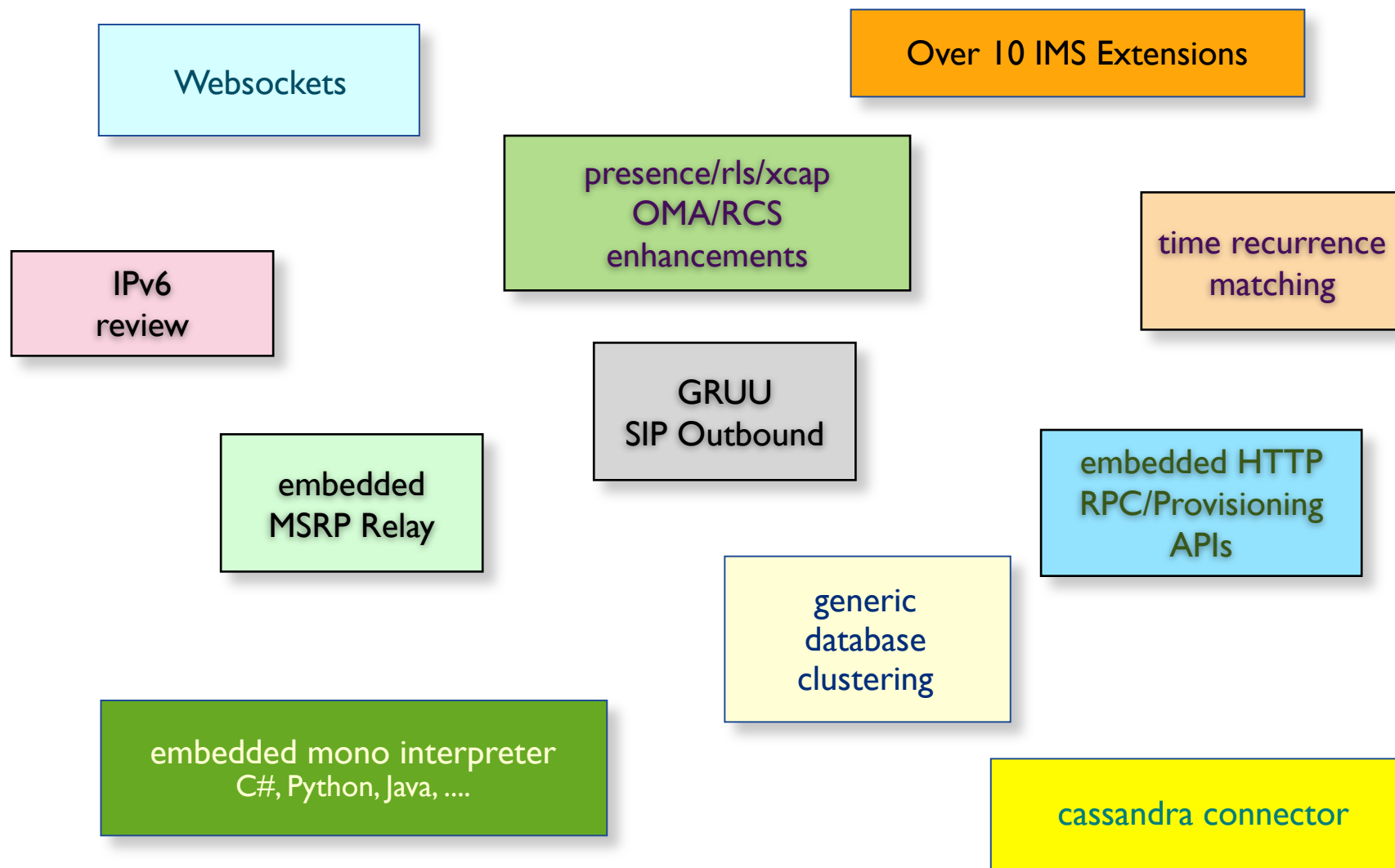
Scalability (info from public domain)

- services with millions of active subscribers
 - ➔ I&I Germany (> 3M)
- services routing billions of call minutes per month
 - ➔ might be the guy next to you (or pay attention tomorrow)

one major release out - v3.3.x

development for next major release - v4.0.x

2012 - Among new features



<http://www.kamailio.org/wiki/features/new-in-3.3.x>
<http://www.kamailio.org/wiki/features/new-in-devel>

2012 - Development statistics



Activity

30 Day Summary	12 Month Summary
<i>Jan 1 2013 — Jan 31 2013</i>	<i>Jan 31 2012 — Jan 31 2013</i>
198 Commits	1719 Commits
21 Contributors including 5 new contributors	Up +538 (45%) from previous 12 months
2 New Languages : Modula-2 added Jan 16 Java added Jan 16	45 Contributors Up +7 (18%) from previous 12 months

Cocomo

Kamailio (SIP Express Router) - Project Cost

Include	Avg. Salary
Markup And Code	\$ 55000 /year
Codebase	Effort (est.)
772,927 Lines	210 Person Years
Estimated Cost	\$11,525,017

Updated Jan 31, 2013

more at [Ohloh](#)

Factoids and Stats



Kamailio (SIP Express Router)

- [Mostly written in C](#)
- [Mature, well-established codebase](#)
- [Very large, active development team](#)
- [Increasing year-over-year development activity](#)
- [Well-commented source code](#)
- [45 active contributors](#)

Commit Activity Timeline:



In a Nutshell, Kamailio (SIP Express Router)...

- ... has had 17,629 commits made by 118 contributors representing 772,927 lines of code
- ... is mostly written in C with a well-commented source code
- ... has a well established, mature codebase maintained by a very large development team with increasing year-over-year commits
- ... took an estimated 210 years of effort (COCOMO model) starting with its first commit in September, 2001 ending with its most recent commit 1 day ago

Updated Jan 31, 2013

more at [Ohloh](#)



<http://conference.kamailio.com>

Kamailio Development Workshop
Alicante, Spain - February 14-15, 2013
<http://www.kamailio.org>

Thank you!
Questions?

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Later today at FOSDEM, room Jason, 14:00-14:50

Free, open, secure and convenient communications