



Kamailio World 2016 - Let's Party

Kamailio Project

15 YEARS OF DEVELOPMENT

2001-2016

from SER to Kamailio

www.kamailioworld.com



KAMAILIO WORLD
CONFERENCE & EXHIBITION
BERLIN, GERMANY, MAY 18-20, 2016

Welcome!

Thank you for attending the event!

Elena-Ramona Modroiu

Daniel-Constantin Mierla

Kamailio Project

15 YEARS OF DEVELOPMENT





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Agenda Overview

- Spektrum: the conference room
- Atrium+Dom: the exhibition area (the big hall outside of Spektrum)

- May 19-20 - Conference
 - 09:00 - 10:30 [Spektrum] Presentations
 - 10:30 - 11:00 [Atrium] Coffee Break
 - 11:00 - 12:30 [Spektrum] Presentations
 - 12:30 - 13:30 [Atrium] Lunch
 - 13:30 - 15:30 [Spektrum] Presentations
 - 15:30 - 16:00 [Atrium] Coffee Break
 - 16:00 - 18:00 [Spektrum] Presentations

- May 19 - Social Event - Cocktail Party
 - 19:00 - 22:00 [Atrium]

Interactive Sessions

- May 19
 - 11:00 [Spektrum] Development of SER-Kamailio
 - a journey about SER-Kamailio evolution
 - 17:00 [Spektrum] VUC Pannel by Randy Resnick
 - prepare with hot topics and tough questions

- May 20
 - 11:30 [Spektrum] The State of SIP Endpoints
 - where we are with media servers, soft and hardphones
 - 12:00 [Spektrum] Dangerous Live Demos by James Body
 - prepare yours and enrol in a fight for world recognition and interesting prizes

- May 28-29
 - 09:00-18:00 [Atrium] Exhibition Spots
 - Asipto
 - Digium
 - Core Network Dynamics
 - Matrix
 - NG Voice
 - Sipwise

Agenda - Schedule Updates

- May 19
 - 12:00 Bridging Kamailio To The Matrix Ecosystem
 - Matthew Hodgson replaced by Oddvar Lovaas from matrix.org project

- May 20
 - 14:00 New talk about experiences in VoIP that can be helpful for IoT
 - Presenter: Tim Panton
 - Nir Simionovich couldn't come

Registration VAT

*** According to European Union regulations, VAT at the location of the event must be charged to all participants. The 19% German VAT is already included in the price.*

*Participants with a valid EU VAT number **can claim the VAT** back in their country of origin, each local tax authority should provide an electronic portal for this operation.*

Non-European taxable persons can still reclaim the German VAT using the paper-based procedure.

http://ec.europa.eu/taxation_customs/taxation/vat/how_vat_works/vat_on_services/index_en.htm#supply_services

you can claim back 19% from your country tax authority

WiFi

- Network Name (ESSID): **FhG-Guests**

- Open a browser, try to access a web page:
 - username: **FraunhoferForum**
 - password: ... *see the flyers* ...

- Flyers with these details are on the back of the room
 - if needed, ask the registration desk for support

Social Networking

- Twitter Hashtag: #KamailioWorld

- Twitter
 - @kamailioworld
 - @kamailioproject
- Facebook Page - kamailio:
 - <https://www.facebook.com/Kamailio>
- Google+ Page: kamailio:
 - <https://plus.google.com/114984922071338017631>
- LinkedIn Group: kamailio:
 - <https://www.linkedin.com/groups/kamailio-145924/about>

www.kamailio.org

Kamailio Project

15 years of development

Elena-Ramona Modroiu
Daniel-Constantin Mierla
www.asipto.com

The logo features the word "KAMAILIO" in a bold, dark grey, sans-serif font. Above the letters "A" and "I" is a dark grey, curved swoosh that arches over the text. Below the word is a bright green, curved swoosh that also arches under the text.

KAMAILIO

rock solid sip server since 2001

fast and sipurious

New Logo



New Website Look

[Home](#)[Features](#)[Download](#)[Support](#)[Business Directory](#)[Contact Us](#)

2001-2016 - Fifteen Years Of Development

SER-Kamailio - the project that shaped the evolution of open source real time communications

Welcome To Kamailio – The Open Source SIP Server

Kamailio® (successor of former OpenSER and SER) is an Open Source SIP Server released under GPL, able to handle thousands of call setups per second. Kamailio can be used to build large platforms for VoIP and realtime communications – presence, WebRTC, Instant messaging and other applications.

Moreover, it can be easily used for scaling up SIP-to-PSTN gateways, PBX systems or media servers like Asterisk™, FreeSWITCH™ or SEMS.

Recent News

Kamailio v4.4.1 Released

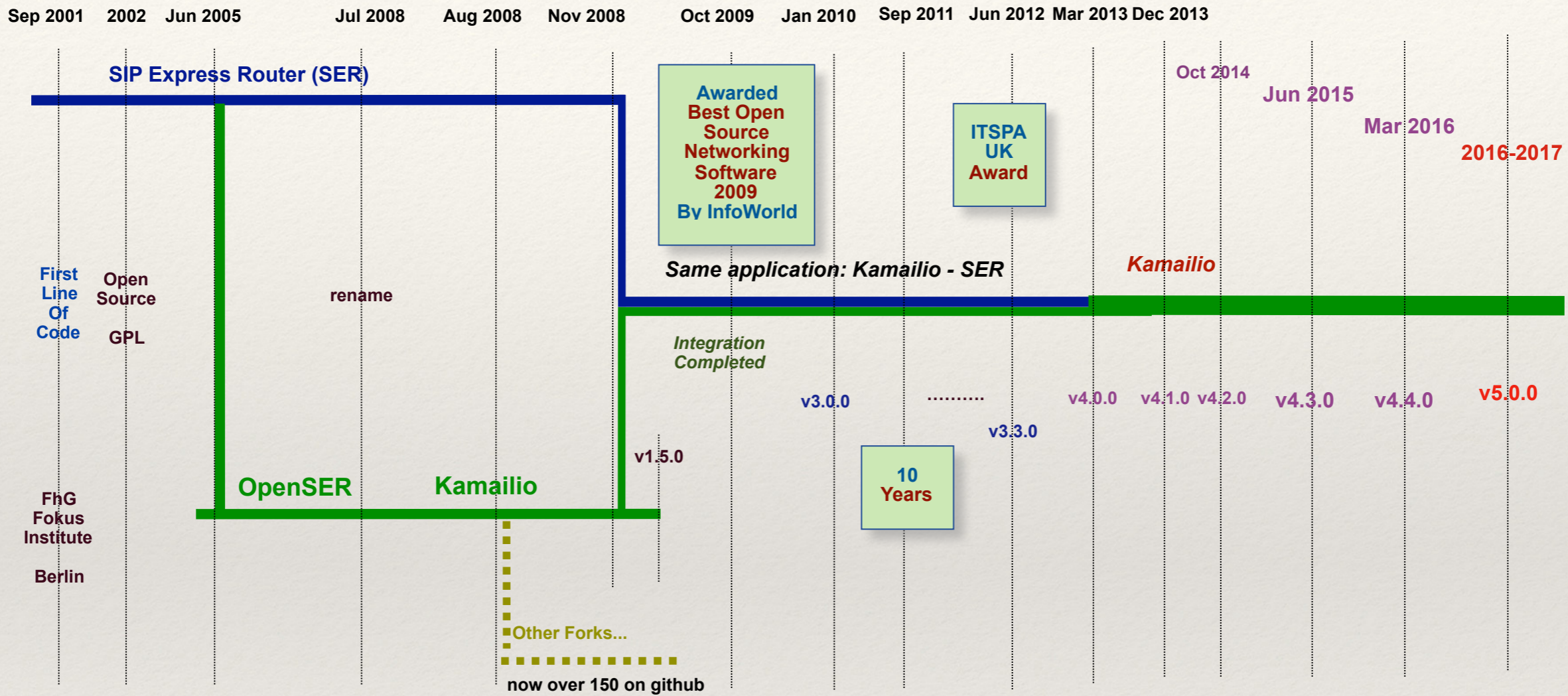
May 10, 2016

SIP Routing in Lua or Python

May 6, 2016

New Module: NSQ

April 28, 2016



Major Release Series

- ❖ 0.7.x (2001)
- ❖ 0.8.x (2002)
- ❖ 0.9.x (2004)
- ❖ 1.0.x (2005)
- ❖ 1.1.x (2006)
- ❖ 1.2.x (2007)
- ❖ 1.3.x (2007)
- ❖ 1.4.x (2008)
- ❖ 1.5.x (2009)
- ❖ 3.0.x (2010)
- ❖ 3.1.x (2010)
- ❖ 3.2.x (2011)
- ❖ 3.3.x (2012)
- ❖ 4.0.x (2013)
- ❖ 4.1.x (2013)
- ❖ 4.2.x (2014)
- ❖ 4.3.x (2015)
- ❖ 4.4.x (2016)
- ❖ 5.0.x (2016..2017)

Code Repository on Github

kamailio / kamailio

Unwatch 84

Unstar 279

Fork 178

Code

Issues 36

Pull requests 4

Wiki

Pulse

Graphs

Settings

Kamailio - The Open Source SIP Server - <http://www.kamailio.org> — Edit

23,126 commits

63 branches

165 releases

109 contributors

Branch: master

New pull request

New file

Upload files

Find file

HTTPS

<https://github.com/kamailio>



Download ZIP

miconda json: some enhancements to the docs ...

Latest commit 64f4999 4 minutes ago

| | | |
|----------|--|--------------|
| .github | core: contributions guidelines updated with reporting issues section | 4 days ago |
| atomic | atomic Remove history from source code | a month ago |
| cfg | Cfg Remove SVN ID, history | a year ago |
| doc | core: stylesheet for generating db schema updated for version insert | 5 months ago |
| docbook | core: docbook - defined kamcmd entity | 4 months ago |
| etc | kamailio-basic.cfg: updated version in comments and small format fixes | 23 days ago |
| examples | examples/kemi: notes about use of os.exit() in python script | 17 days ago |
| lib | lib/srdb1: support for db result with allocated column names | 3 days ago |
| mem | mem Change SIP-router to Kamailio | a month ago |

OpenHub Statistics

Activity

30 Day Summary

Apr 12 2016 — May 12 2016

267 Commits

17 Contributors

including 5 new contributors

1 New Language :

Lua added Apr 25

12 Month Summary

May 12 2015 — May 12 2016

1934 Commits

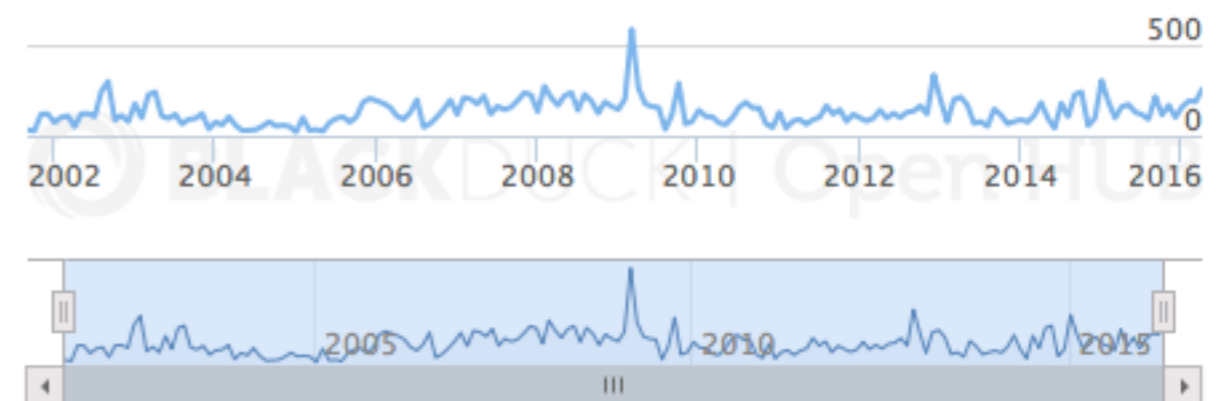
Up + 141 (7%) from previous 12 months

77 Contributors

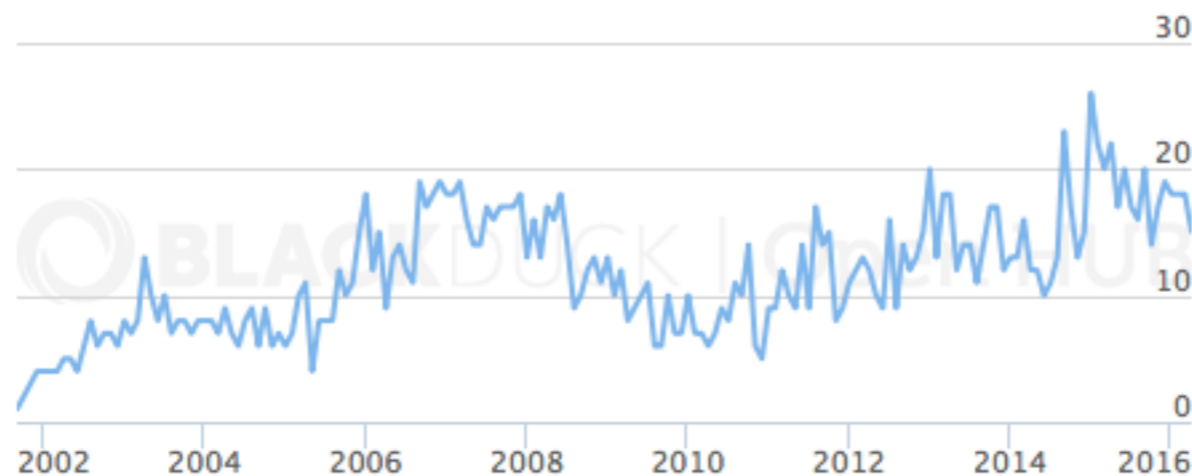
Up + 9 (13%) from previous 12 months

Commits per Month

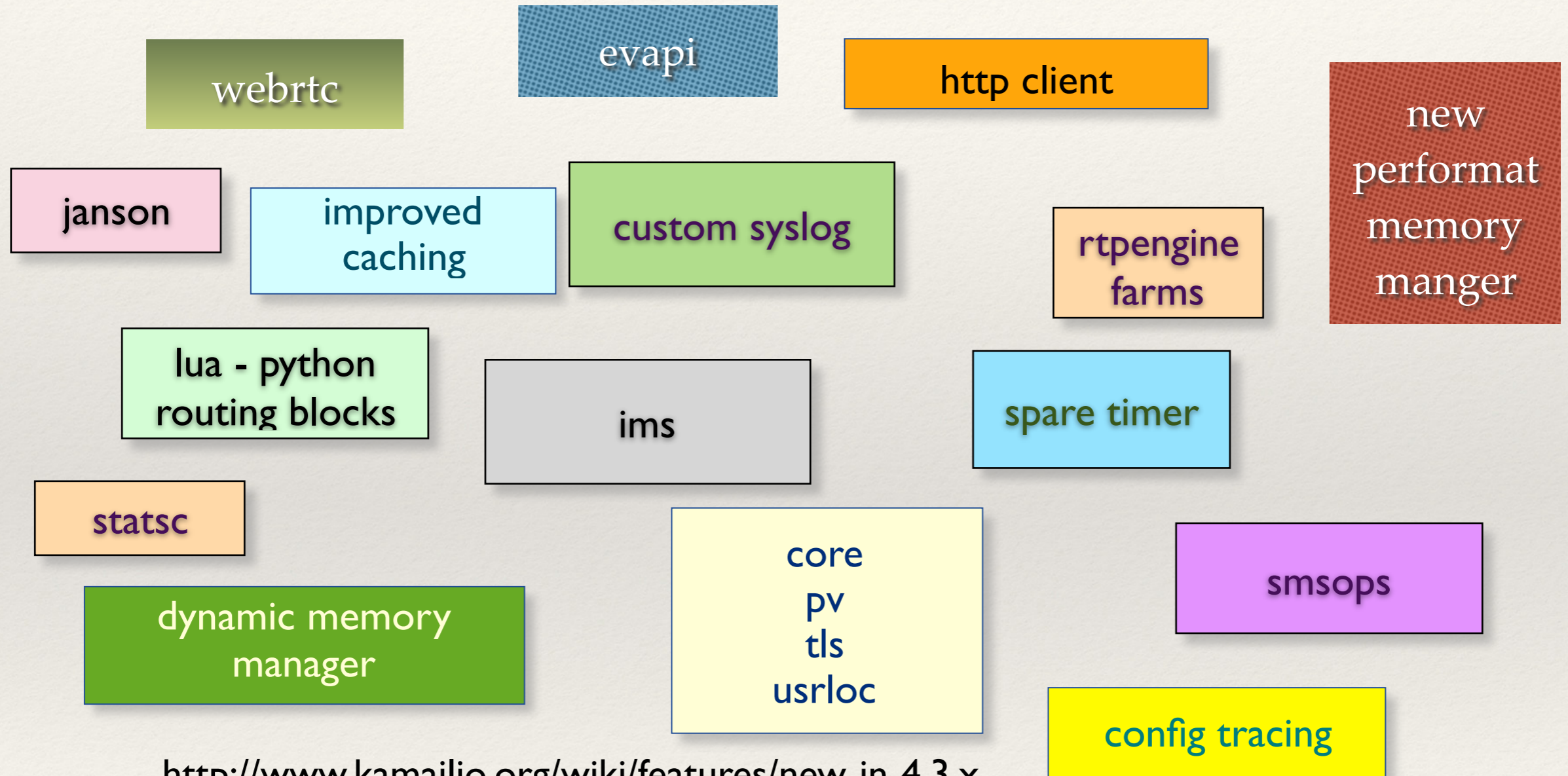
Zoom 1yr 3yr 5yr 10yr All



Contributors per Month



Highlights 2015-2016



<http://www.kamailio.org/wiki/features/new-in-4.3.x>
<http://www.kamailio.org/wiki/features/new-in-4.4.x>
<http://www.kamailio.org/wiki/features/new-in-devel>

Developers in the Room

- ❖ Alex Balashov
- ❖ Andreas Granig
- ❖ Alexandr Dubovikov
- ❖ Carsten Bock
- ❖ Daniel-Constantin Mierla
- ❖ Dragos Vingarzan
- ❖ Elena-Ramona Modroiu
- ❖ Olle E. Johansson
- ❖ Torrey Searle
- ❖ Victor Seva
- ❖ Giacomo Vacca
- ❖ Federico Cabiddu
- ❖ Torrey Searle
- ❖ Alex Hermann
- ❖ Seudin Kasumovic
- ❖ Henning Westerholt
- ❖ Lucian Balaceanu
- ❖ Stefan Mititelu
- ❖ Mikko Lehto
- ❖ Andrei Pelinescu-Onciul
- ❖ Jiri Kuthan
- ❖ Dorgham Sisalem
- ❖ Miklos Tirpak

Kamcli

- ❖ new Kamailio command line interface tool
 - ❖ written in Python
 - ❖ extensible via modules
 - ❖ easier to handle input values and format output
 - ❖ targets using RPC (e.g., JSONRPC) control interface
- ❖ <https://github.com/asipto/kamcli>

```
$ kamcli --help
$ kamcli <command> --help
$ kamcli <command> <subcommand> --help
```

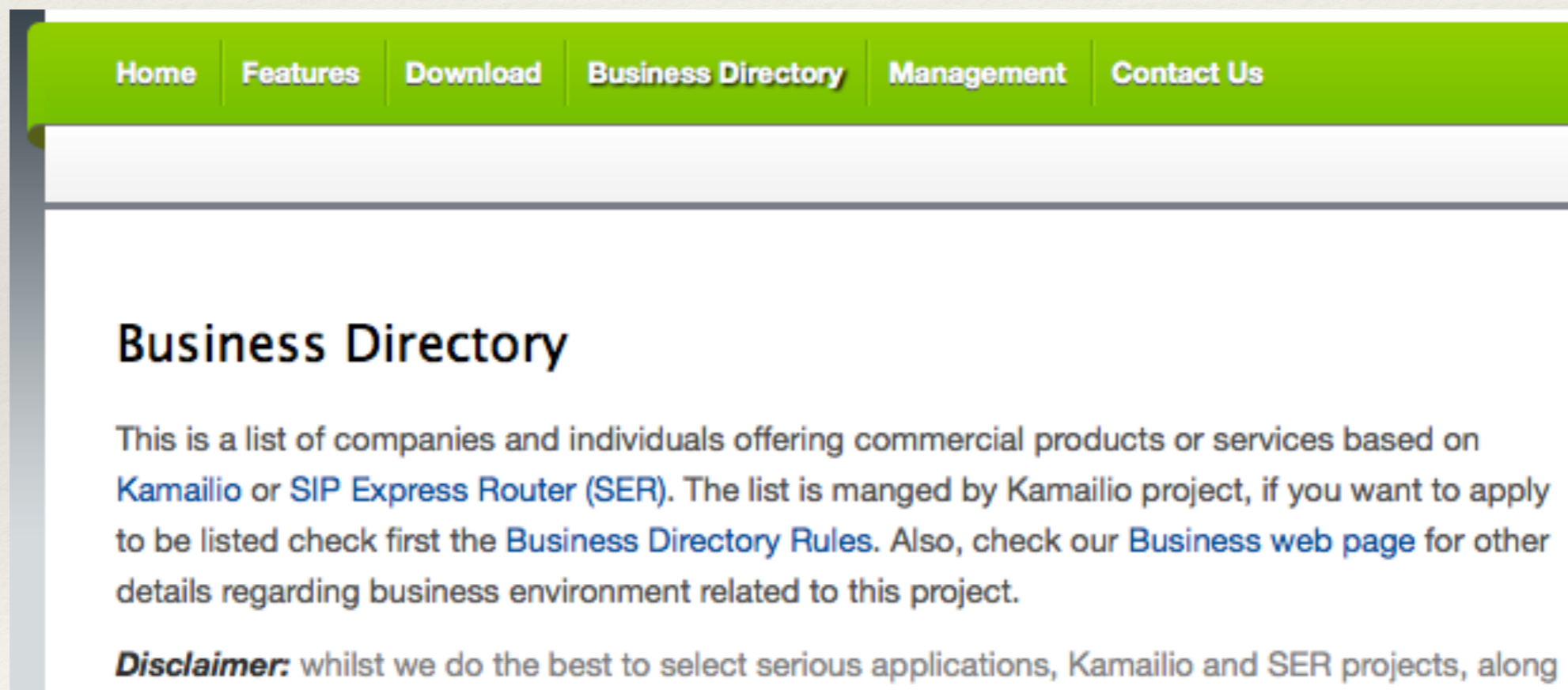
Packaging

- ❖ 4.2 made it in time for Debian Jessie (Ubuntu, Mint, etc.)
 - ❖ thanks to Victor Seva
- ❖ deb.kamailio.org - own repository with stable versions and nightly builds
 - ❖ thanks to Victor Seva, Michael Prokop, Sipwise
- ❖ RPMs - needing a packager (more than one is even better)
 - ❖ generated on OpenSuse Build Service
 - ❖ mirror (delayed) on rpm.kamailio.org (thanks to Fred Posner & lod.com)
- ❖ ...

Kamailio Business Directory

Anyone offering services related to Kamailio can get listed there with:

- *name and contact coordinates*
- *short description*



The screenshot shows a website navigation bar with a green background and white text. The navigation items are: Home, Features, Download, Business Directory, Management, and Contact Us. Below the navigation bar is a white header area with the text "Business Directory" in a large, bold, black font. Underneath the header is a paragraph of text explaining the directory's purpose and providing instructions for listing. At the bottom of the screenshot is a **Disclaimer** section.

Home | Features | Download | **Business Directory** | Management | Contact Us

Business Directory

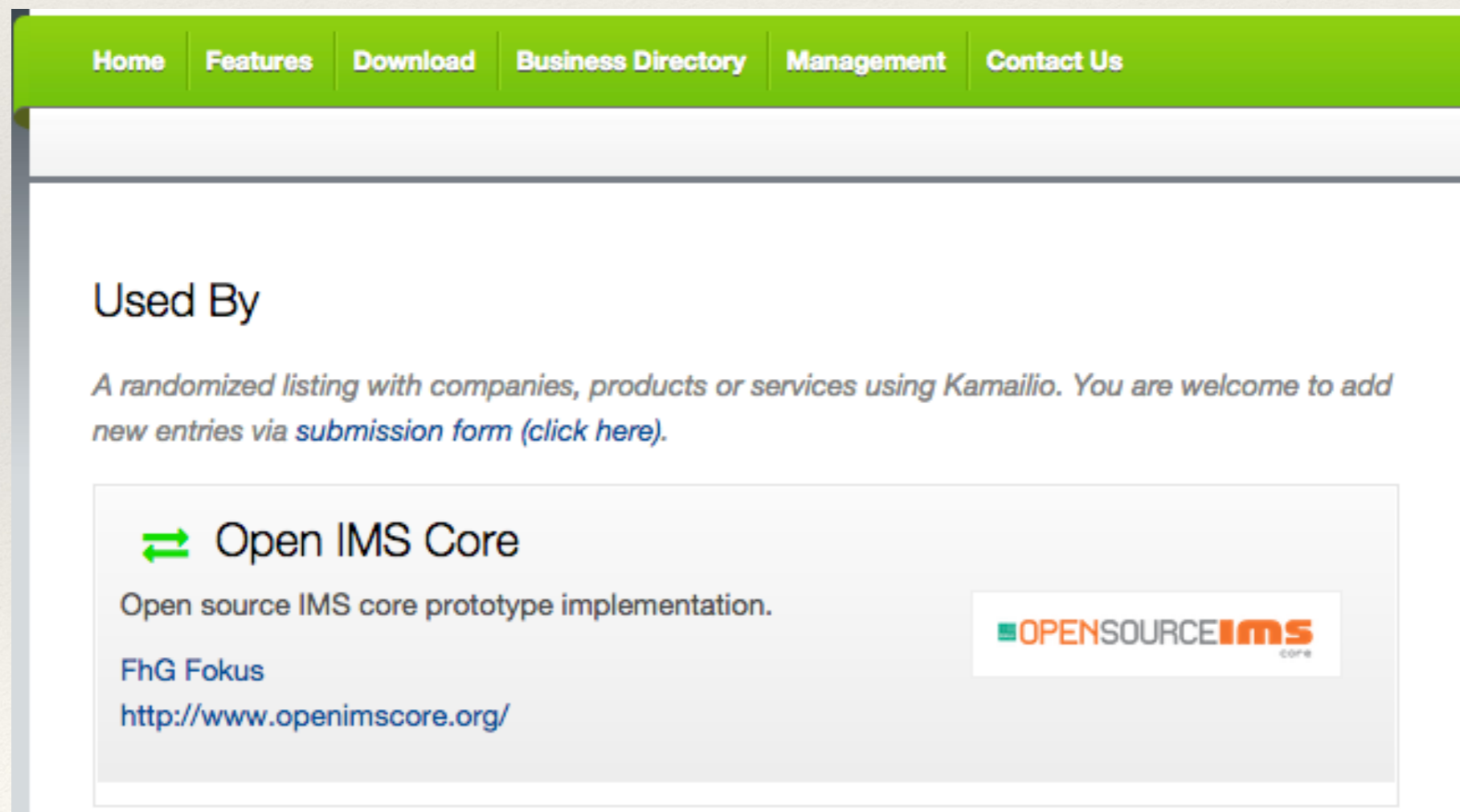
This is a list of companies and individuals offering commercial products or services based on [Kamailio](#) or [SIP Express Router \(SER\)](#). The list is managed by Kamailio project, if you want to apply to be listed check first the [Business Directory Rules](#). Also, check our [Business web page](#) for other details regarding business environment related to this project.

Disclaimer: whilst we do the best to select serious applications, Kamailio and SER projects, along

Kamailio Used-By Directory

Anyone using Kamailio can get listed there with:


- *name and contact coordinates*
- *short description*
- *logo*



Home | Features | Download | Business Directory | Management | Contact Us


Used By

A randomized listing with companies, products or services using Kamailio. You are welcome to add new entries via submission form ([click here](#)).

 Open IMS Core

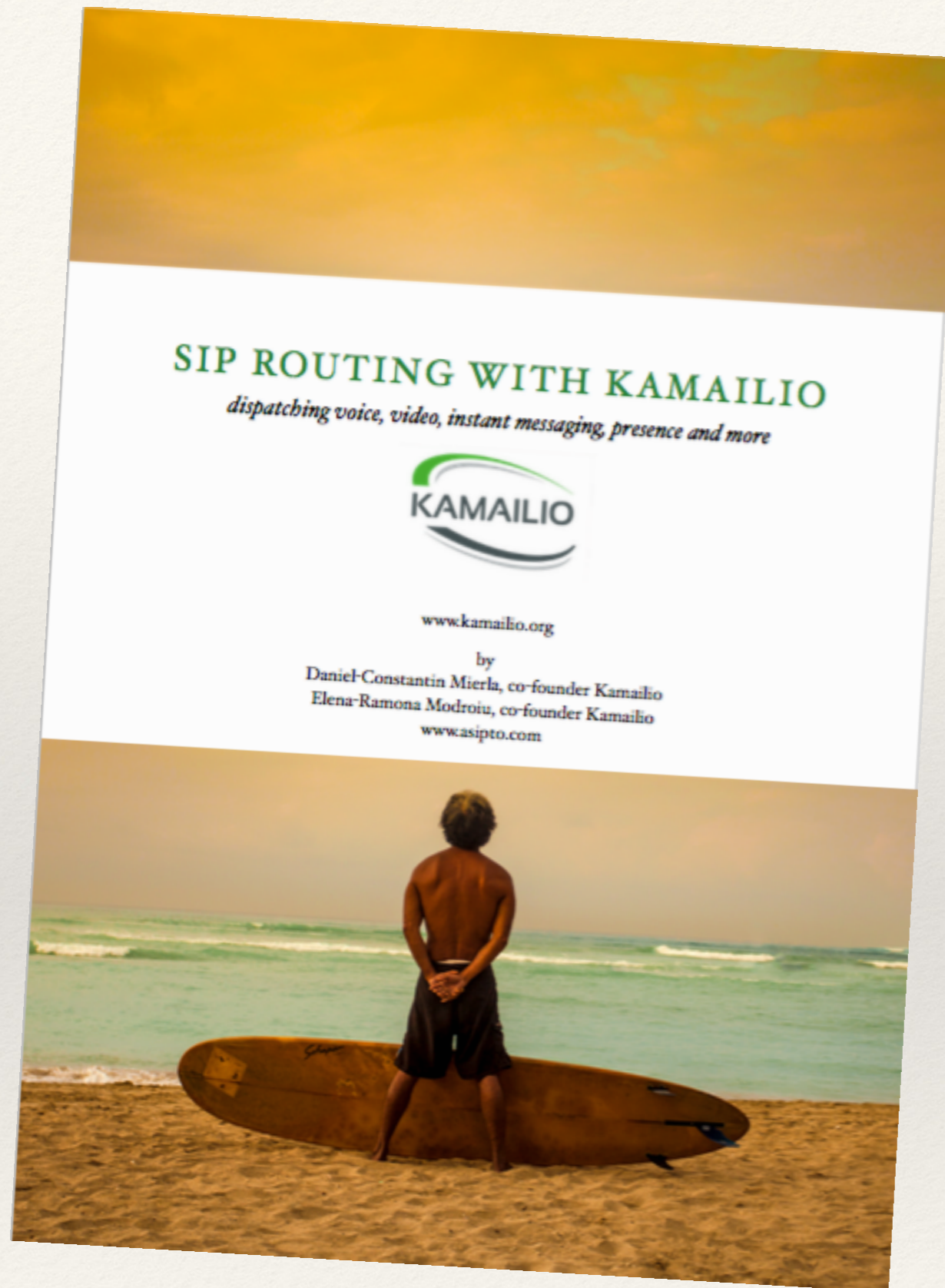
Open source IMS core prototype implementation.

FhG Fokus
<http://www.openimscore.org/>





<http://www.asipto.com/sw/kamailio-admin-book/>



<http://www.asipto.com/sw/kamailio-admin-book/>

Thank you!

Questions?!?

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