

#### **The Story For Asterisk**

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www.asipto.com



## World of Telephony





# **Telephony Engine**

### **Central Element?**



### The Call





# SIP Signaling Routing Engine

# SIP Signaling Routing Engine

### **Central Element?**



### YOU

# Implicitly

### Kamailio Does Only One Thing

## And It Does Very Well

It Does Nothing

# OK, Joking!

### Now Seriously

Implicitly Kamailio Really Does Nothing

#### Now Imagine

#### If Telephony Was Transportation

#### What Would You Like To Have?











#### Any Of Them Can Be Yours

### But Is Not About Riding

#### It Is About Engineering Them

#### So Now, Everyone, Please Meet Our Special Guest!

#### Kamailio



#### Stone It In Your Head

#### You Are Not The Driver

### You Are The Engineer

#### Without Proper Knowledge

### Your Baby Can Be



#### On The Other Hand

# The Limit Is Your Imagination



## It's All About You!

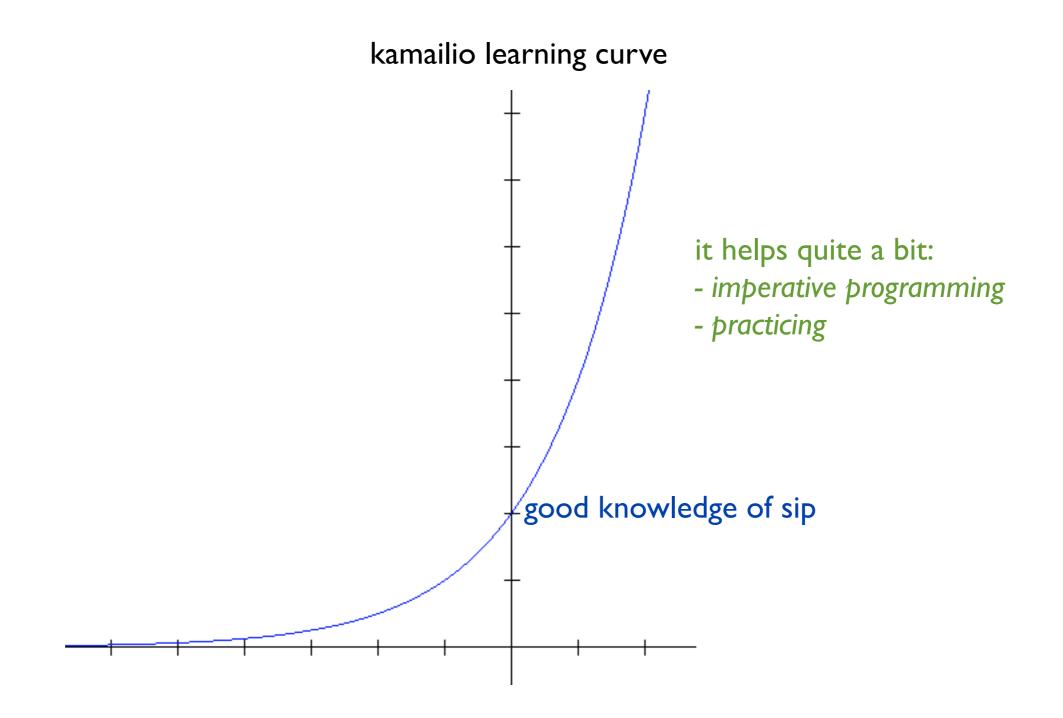
# What Is Needed To Start Becoming A Good Engineer?

# Three Things

## I. Excellent Knowledge Of SIP

## 2. Excellent Knowledge Of SIP

3. Excellent Knowledge Of SIP



### Back To Our Business

# Real Time Communications

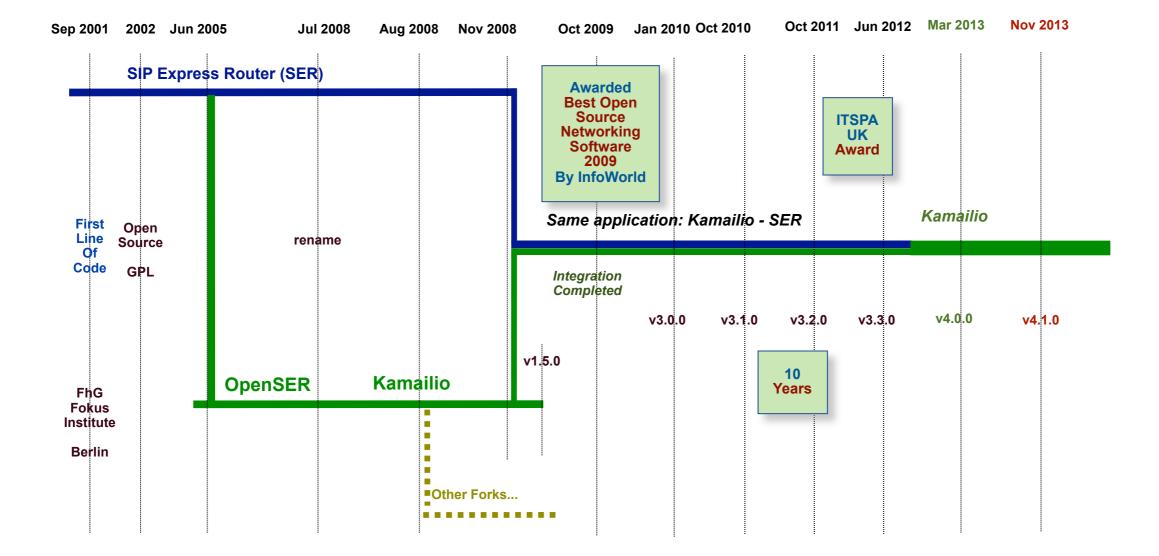
## Kamailio Is Not About Calls

# Its About Connecting Things

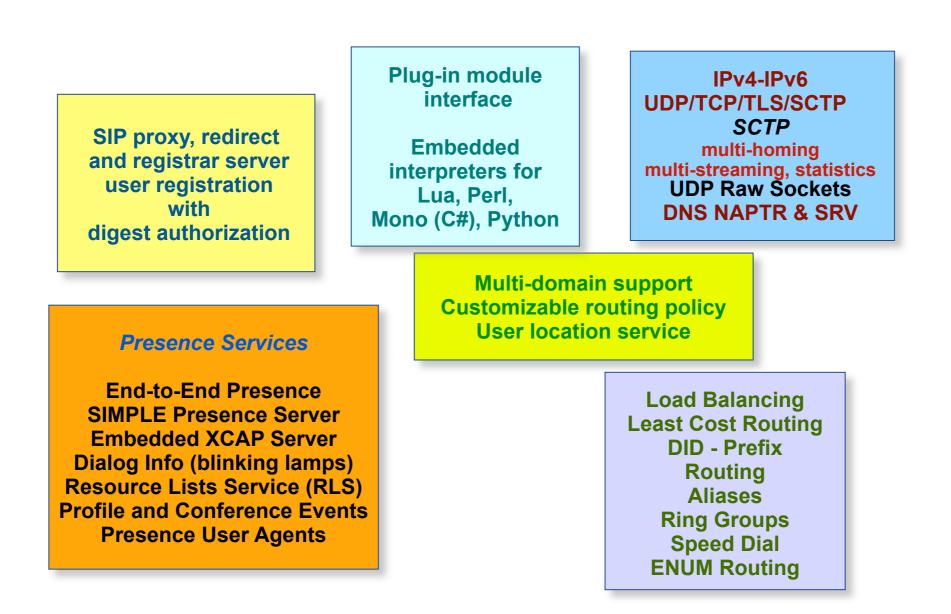
voice video instant messaging presence desktop sharing file transfer contacts list management monitoring systems

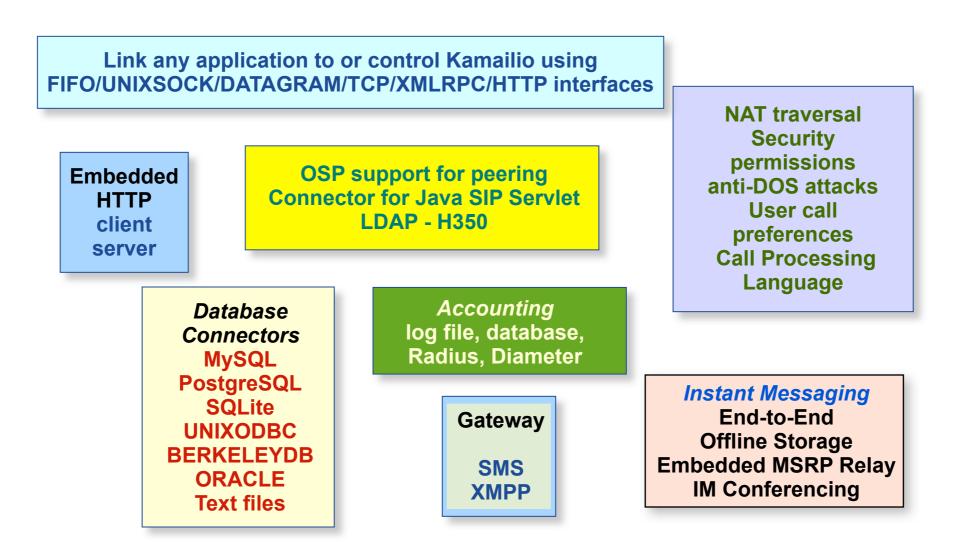
## **Typical Use Cases With Asterisk**

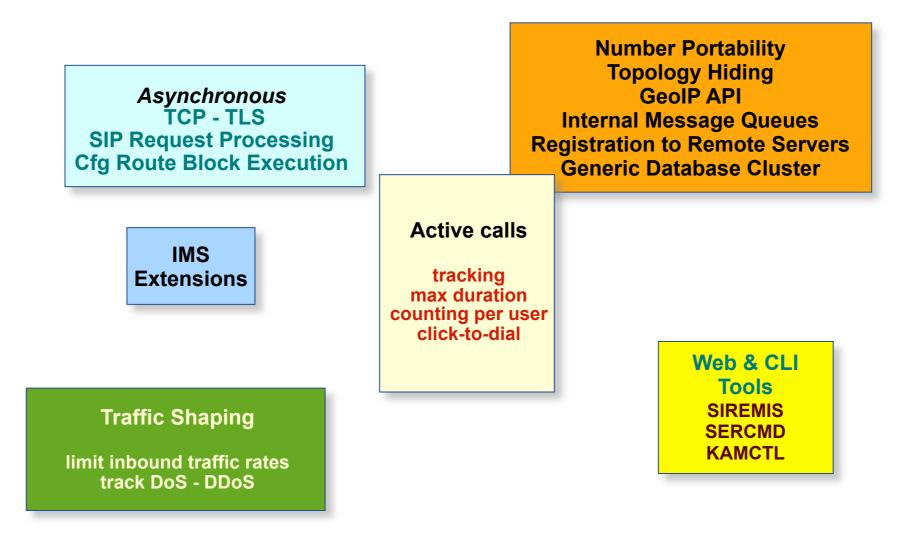
load balancer least cost router location registrar signaling encryption gateway security guardian scalability systems re-routing engine

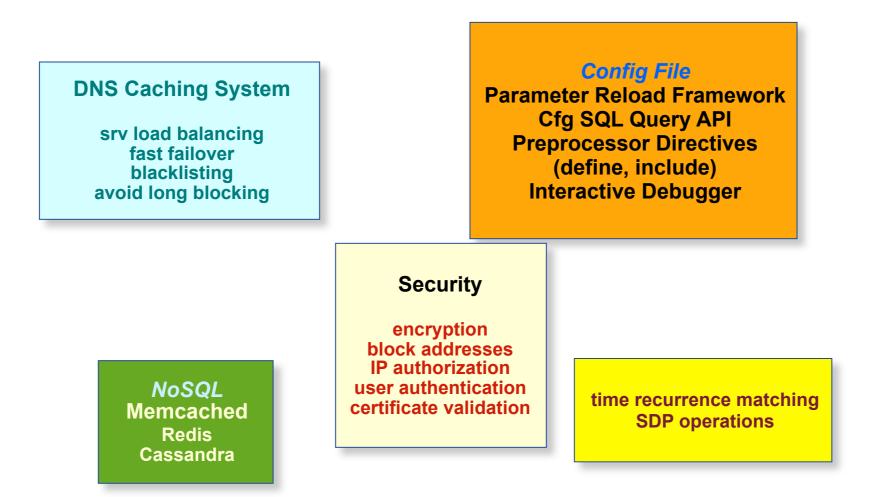


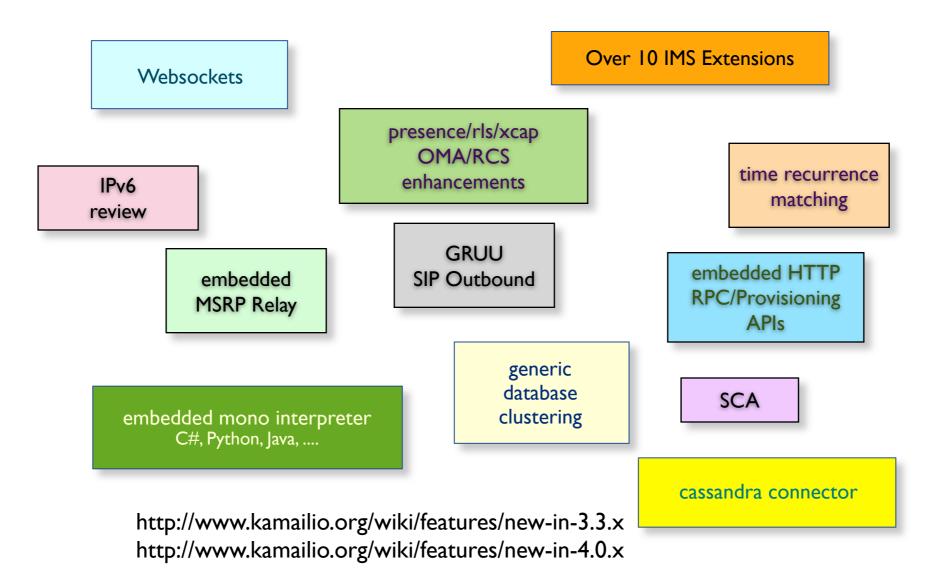
## Over 180 Modules

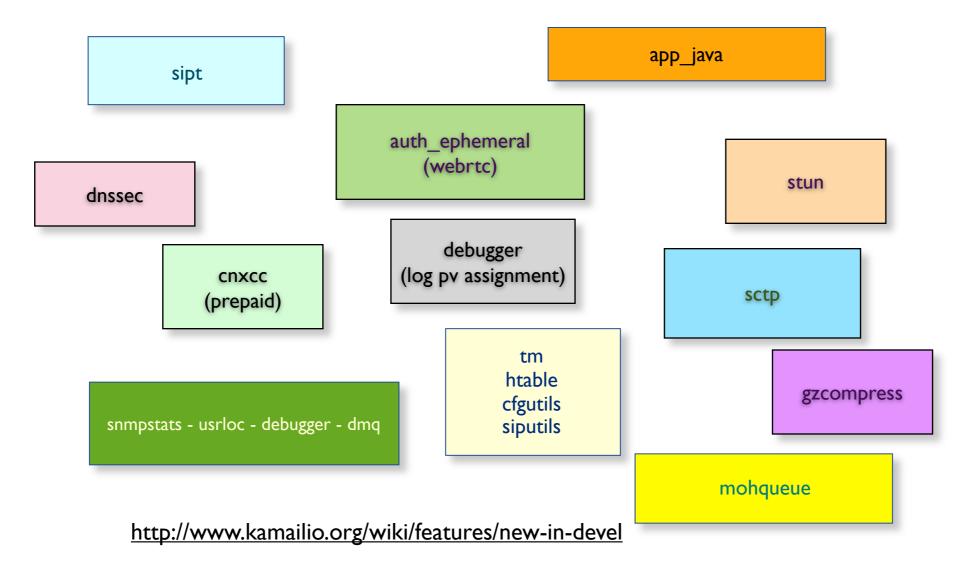












Demo At Booth #19

WebRTC To Classic SIP/VoIP Gateway (both signaling and media)

http://www.kamailio.org/wiki/features/new-in-devel

## What Actually Values A Lot

very large development team sharp developers friendly community distributed management open environment sustained innovation quality driven collaboration continuos evolution

### https://www.ohloh.net/p/sip-router

### Activity

#### 30 Day Summary

Sep 8 2013 - Oct 8 2013

169 Commits

Cocomo

17 Contributors including 3 new contributors

### 12 Month Summary

Oct 8 2012 - Oct 8 2013

1835 Commits Up +523 (39%) from previous 12 months

50 Contributors Up +13 (35%) from previous 12 months

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

- ... has had 18,676 commits made by 132 contributors representing 813,365 lines of code
- ... is mostly written in C with an average number of source code comments
- ... has a well established, mature codebase maintained by a very large development team with increasing Y-O-Y commits
- ... took an estimated 222 years of effort (COCOMO model) starting with its first commit in September, 2001 ending with its most recent commit about 21 hours ago

### Stats



Kamailio (SIP Express Router) - Project<br/>CostIncludeAvg. Salary<br/>\$ 55000Markup And Code ‡\$ 55000Markup And Code ‡\$ 55000Codebase<br/>813,365 LinesEffort (est.)<br/>221 Person YearsEstimated Cost\$12,157,955Updated Oct 08, 2013more at Ohloh





## Kamailio + Asterisk

common developers

Olle Klaus Torrey

## Kamailio + Asterisk

products and services

sipwise.com thirdlane.com edvina.net palner.com asipto.com ipcom.at entswitch Portugal Educational UC Infrastructure (500 pairs K+A) instead of conclusions

### You Like Just Being The Pilot (care only of commanding your business)

Plenty Of Options Start By Visiting:

http://www.kamailio.org/w/business-directory/

Thank you! Questions?

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### EXPO BOOTH #19