



ERICSSON

NEWS FROM THE OTP TEAM

Berlin Erlang Factory Lite 2014

COMMUNITY

- › Industrial Erlang User Group
- › Community manager
- › Improve cooperation
- › Issue tracker
- › Package Manager
- › License change
- › Erlang Central
- › Network of Trust



FOCUS AREA

› System Characteristics

- Performance
- Scalability
- Memory management

› Examples

- Time/Timer improvements
- Trappable BIFs
- Garbage Collector
- Multiple poll sets
- Reduced message copying
- JIT compilation

› Tracing and Profiling

- Identify bottlenecks



MAINT TRACK

- › Performance and memory mgmt. improvements
- › Misc. improvements in asn1, erts, kernel, stdlib, diameter, ssh, mnesia, ssl, jinterface,
- › Bugfixes in several applications
- › Open source contributions
 - Bug fixes
 - Small improvements



- OTP 17.0
APRIL 9, 2014
- OTP 17.1
JUNE 25, 2014
- OTP 17.2
AUGUST 6, 2014
- OTP 17.3
SEPTEMBER 17, 2014
- OTP 17.4
DECEMBER 10, 2014
- OTP 17.5
MARCH 31, 2015

MASTER TRACK

- › Dialyzer
 - Suppress warnings
- › Maps
 - Variables as keys
 - Big maps
- › Performance
- › Time and timer functionality
- › Reduce lock contention
- › Unicode clean-up
- › Open source contributions



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[JUNE 10, 2015]

LONG-TERM PLANS

- › Distribution
 - Scalable
 - Heterogeneous
 - Secure
- › Package manager
- › Build support
- › Documentation
- › File and I/O servers
- › Erlang JIT compilation
- › Fine-grained parallelism
- › PaaS Build-packs





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WWW ErlangCentral.org



[@ErlangCentral](https://twitter.com/ErlangCentral)



community-manager@erlang.org

LOG IN

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SEARCH:

"STUFF GOES BAD: ERLANG IN ANGER" NOW PUBLISHED!

The new book of Fred Hebert, the author of "Learn You Some Erlang for Great Good!" is now published. The book is available for download for free!

[Read more](#)

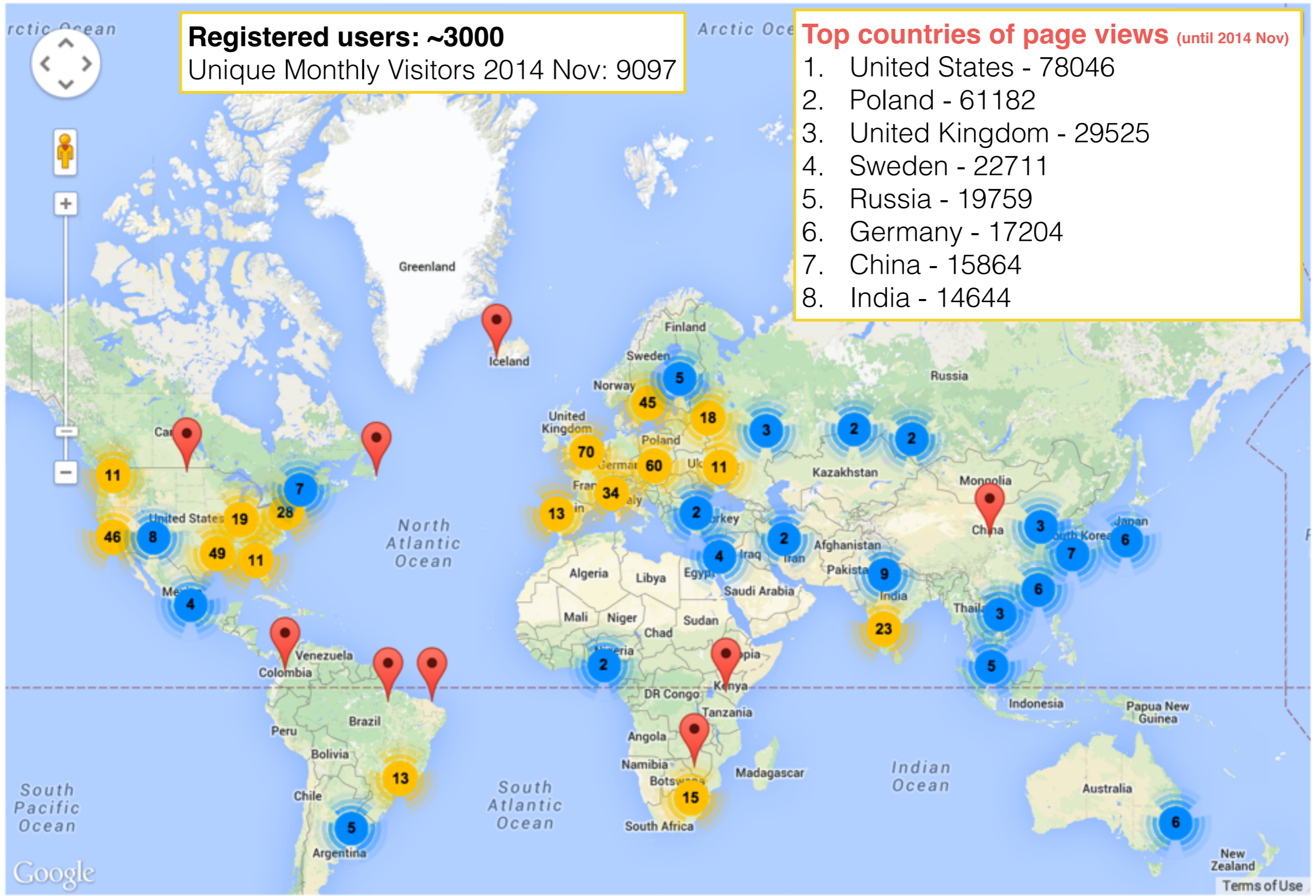
DOWNLOAD
ERLANG

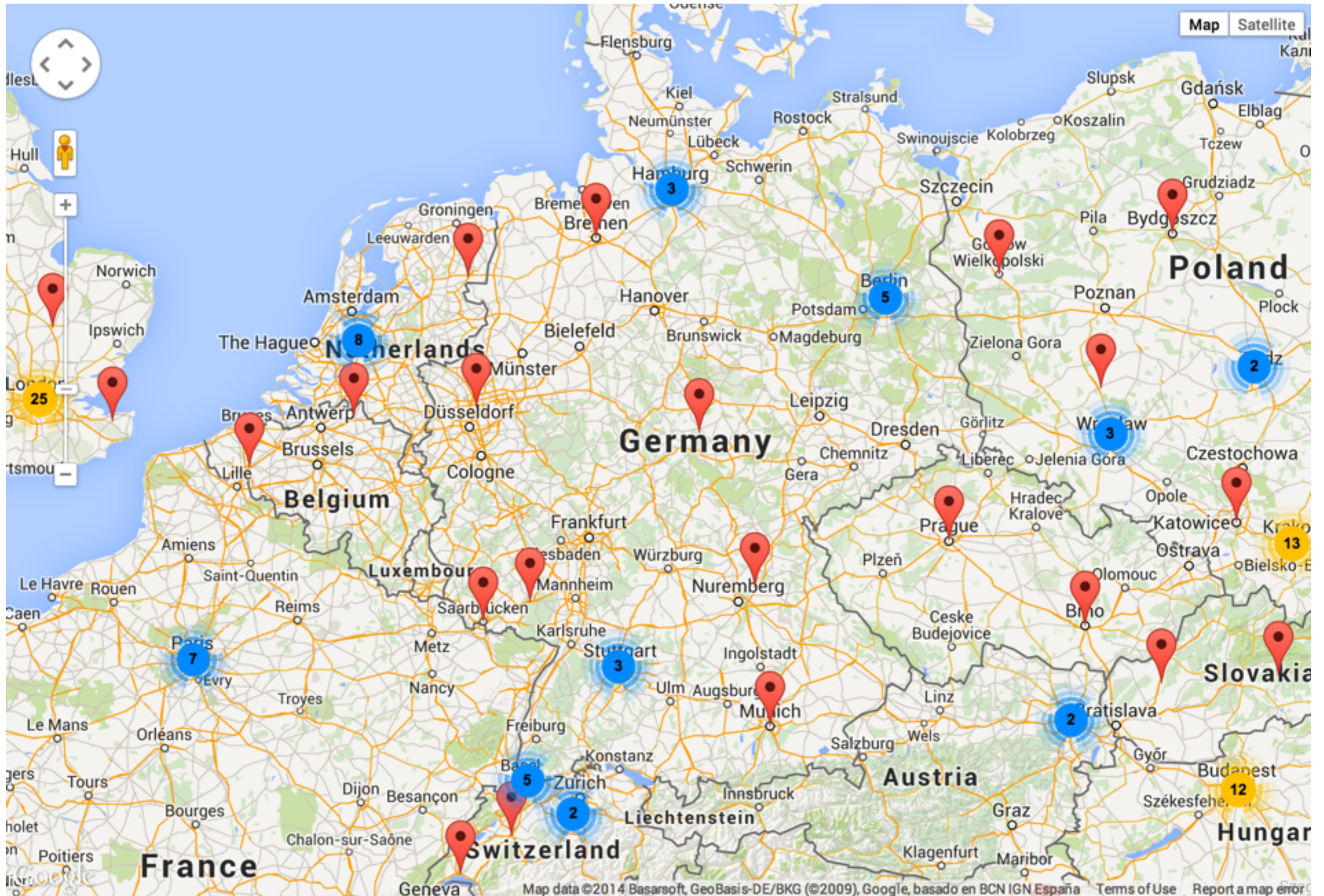


Registered users: ~3000
Unique Monthly Visitors 2014 Nov: 9097

Top countries of page views (until 2014 Nov)

1. United States - 78046
2. Poland - 61182
3. United Kingdom - 29525
4. Sweden - 22711
5. Russia - 19759
6. Germany - 17204
7. China - 15864
8. India - 14644





Erlang Central - Jobs



Senior Server Developer

Are you ready for a new adventure?

 Helsinki, Finland

Published: 1 month ago

4 WEEKS LEFT

FULL TIME



Senior Routing Infrastructure Developer

Erlang Hacker at Scale

 Some overlap with EST->PST required

Published: 4 weeks ago

4 WEEKS LEFT

FULL TIME



Back-end Developer

We're looking for creative, technically minded people to join our team in Rotterdam, The Netherlands.

 Rotterdam – The Netherlands

Published: 4 weeks ago

4 WEEKS LEFT

FULL TIME



Erlang Designer / Developer

Erlang Specialist

 Rickmansworth

Published: 1 day ago

4 WEEKS LEFT

FULL TIME

- Publish your Erlang job
- Sign up for weekly updates
- ~10 new jobs per month
- 32 visible Erlang jobs (2014 November)
- 700 users signed up for job updates

contact:

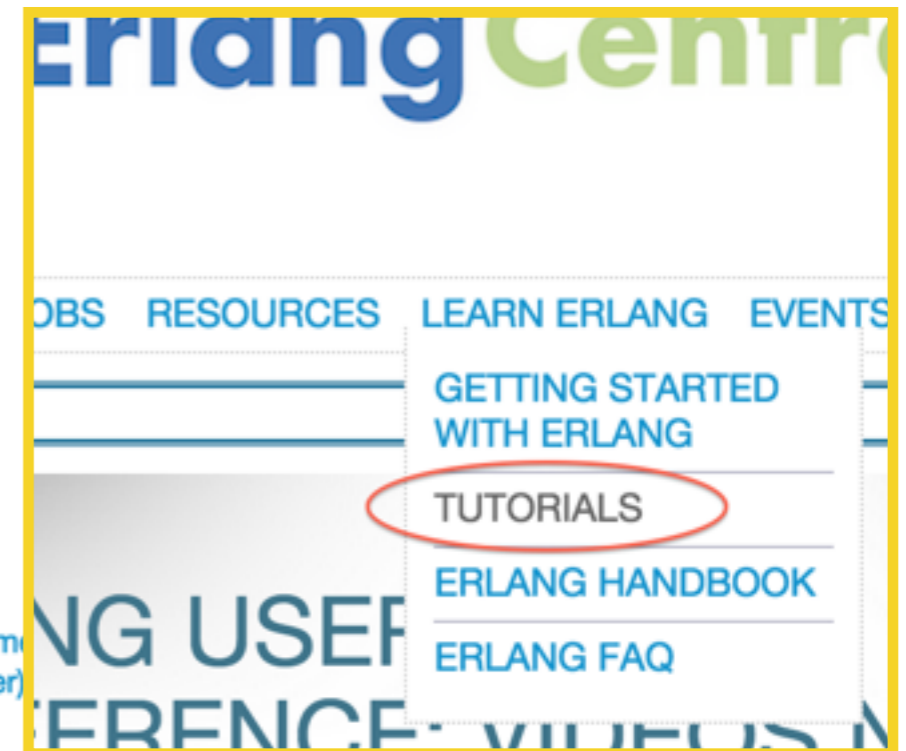
community-manager@erlang.org

Erlang Central - Tutorials

PAGES IN CATEGORY 'HOWTO'

The following 55 pages are in this category, out of 55 total.

<p>A</p> <ul style="list-style-type: none"> A fast web server demonstrating some undocumented Erlang features A Framework for Clustering Generic Server Instances Adding my own BIF Arity Artificial Intelligence with Erlang: the Domain of Relatives <p>B</p> <ul style="list-style-type: none"> Building a Non-blocking TCP server using OTP principles Building An OTP Application Building Non Blocking Erlang apps <p>C</p> <ul style="list-style-type: none"> Cascading Behaviours Cross compiling <p>D</p> <ul style="list-style-type: none"> Debugging with Debug Helper Defining Your Own Behaviour Distributed erlang using ssl through firewalls Distributing a Mnesia schema <p>E</p> <ul style="list-style-type: none"> EDoc Generation Erlang ODBC Tips Erlang R12-B4 from Source Ubuntu 8.04 Server Erlmerge - The install tool 	<p>G</p> <ul style="list-style-type: none"> Gen event behavior demystified Gettext - An internationalization package. Getting started with processes GS Explorations <p>H</p> <ul style="list-style-type: none"> How to communicate java and erlang How to setup an RSS feed with Yaws How to talk LDAP from Erlang How to use ei to marshal binary terms in port programs How to write an RSS aggregator <p>I</p> <ul style="list-style-type: none"> Installing Erlang OTP on Asus EEE Pc Introduction to Load Testing with Tsung Inviso tracing tutorial <p>L</p> <ul style="list-style-type: none"> Lisp Flavoured Erlang List to term ListToAtom Lookup MX Records In DNS <p>M</p> <ul style="list-style-type: none"> Match Specifications And Records (Dynamically!) Maven and Erlang Maven and Erlide 	<p>M cont.</p> <ul style="list-style-type: none"> Mnesia Table Fragmentation MySQL client (driver) <p>N</p> <ul style="list-style-type: none"> Nested Cases <p>O</p> <ul style="list-style-type: none"> ODBC with Erlang R10B-4 and MySQL OTP Release Handling Tutorial <p>P</p> <ul style="list-style-type: none"> Parameterized Modules Print Untruncated Terms In The Shell Process Ring Across Nodes <p>Q</p> <ul style="list-style-type: none"> QuickCheck <p>R</p> <ul style="list-style-type: none"> Resource Pool Running Erlang Code From The Command Line <p>S</p> <ul style="list-style-type: none"> SNMP Quick Start Start Developing Web Applications on Erlang String Basics <p>T</p> <ul style="list-style-type: none"> Tracing with Onviso
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- 150 wiki entries
- > 50 tutorials
- Add your tutorial (blog posts, code examples, HowTos)

Erlang Central - Industrial Erlang User Group

*The purpose of the **Industrial Erlang User Group** is to provide a forum allowing enterprise users of Erlang/OTP to work with Ericsson to secure the future health, wellbeing and commercial success of the Erlang programming language outside Ericsson. The aim is to complement the work Ericsson is doing in terms of libraries, tool chains and contributions while spreading awareness and increasing user adoption.*

- From the Mission Statement page

The current Chair of the Industrial Erlang User Group is Mike Williams.



<https://erlangcentral.org/industrial-erlang-user-group/>



WWW ErlangCentral.org



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