

ERLANG ECOSYSTEM FOUNDATION

HELLO WORLD.



ERLANG ECOSYSTEM FOUNDATION

FIRST OFFICIAL REVEAL OF EEF.

www.erlef.org

WHAT WE'LL COVER TODAY:

- The Foundation Goals and Key Actors
- Our Initial Working Groups
- Bylaws and Structures
- Roadmap
- Questions

ERLANG ECOSYSTEM FOUNDATION

MISSION.

THE FOUNDATION GOAL

The Erlang Ecosystem Foundation's goal is to grow and support a **diverse** community around the Erlang and Elixir ecosystem, encouraging the continued development of technologies and open source projects based on/around its runtime and languages.

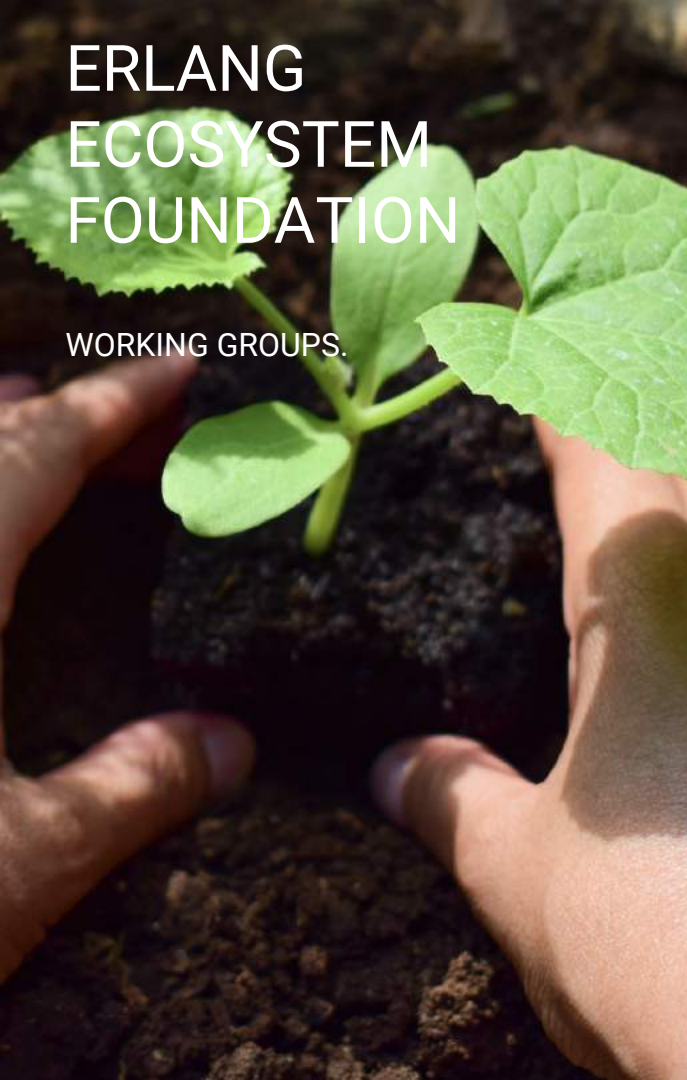


KEY OBJECTIVES

- Help coordinate efforts between languages to provide users better support, tooling, and environment
- Support and fund initiatives by the community and working groups
- Expand the ecosystem through training, marketing and case studies
- Complement Ericsson and other stakeholders on evolving projects that are vital to the community

KEY ACTORS

- Members (You!)
 - Dictate the future of the foundation
- Board of Directors
 - Approve and support working groups
- Working Groups
 - Act on the foundation goals
- Sponsors
 - Companies
 - Fund the community and working groups through the foundation



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WORKING GROUPS.

OUR INITIAL WORKING GROUPS

- Language interoperability
- Tools
- Documentation
- Embedded Systems
- Marketing

LANGUAGE INTEROP: VISION

Standardise approaches and facilitate the reuse of libraries, behaviours and programming models across the Erlang Ecosystem, focusing on languages, components and the runtime.

LANGUAGE INTEROP: AREAS OF FOCUS

1. Facilitate the interoperability between languages by defining standards for code integration
2. Promote efforts to unify behaviours between languages at the compiler, runtime and introspection levels

LANGUAGE INTEROP: CURRENT MEMBERS

- Mariano Guerra (Efene)
- Robert Virding (Erlang, LFE, luerl, erlog)
- Kenneth Lundin (Erlang/OTP)
- José Valim (Elixir)

TOOLS: VISION

Evolve the tools in the ecosystem related to building and deploying code, with a strong focus on interoperability between BEAM languages.

Current focus: Mix, Rebar 3 and Hex

TOOLS: AREAS OF FOCUS

1. Compiling and deploying mixed language projects
2. More options for managing and deploying packages and other dependencies

TOOLS: CURRENT MEMBERS

- Tristan Sloughter (Rebar 3)
- Fred Hebert (Rebar 3)
- Wojtek Mach (Hex)

DOCUMENTATION: VISION

Focus on improving the accessibility, compatibility and quality of the documentation across projects and languages in the Erlang Ecosystem.

DOCUMENTATION: AREAS OF FOCUS

1. Standardized format and APIs for easy retrieval in all languages and tools.
2. Improve the user experience in writing, and generating
3. Generate better HTML and ebooks

DOCUMENTATION: CURRENT MEMBERS

- José Valim (Elixir)
- Kenneth Lundin (Erlang/OTP)
- Radosław Szymczyszyn (docsh)
- Mariano Guerra (Efene)
- Fred Hebert (LYSE / EiA / PropEr Testing)

EMBEDDED SYSTEMS: VISION

Cooperation between different projects aiming at using the languages in the Erlang ecosystem on embedded systems and IoT nodes

EMBEDDED SYSTEMS: AREAS OF FOCUS

1. Unify the APIs and tooling of the different projects.

Current focus:

- Nerves Project
- GRiSP
- Update infrastructure
- Common hardware

WORKING GROUPS.

EMBEDDED SYSTEMS: CURRENT MEMBERS

- Frank Hunleth (Nerves)
- Justin Schneck (Nerves)
- Adam Lindberg (GRiSP)
- Peer Stritzinger (GRiSP)

MARKETING: VISION

Promote EEF activities within the community and encourage new membership and donations. Signal to those not currently using BEAM technologies that the community is undergoing a renaissance.

MARKETING: AREAS OF FOCUS

1. Communication Strategy and Brand Messaging
2. Promote the Activities and Results of other Working Groups
3. Raise awareness of BEAM technologies in other tech communities

MARKETING: CURRENT MEMBERS

- Desmond Bowe (EMPEX)
- Miriam Pena (AdRoll)
- Magdalena Pokorska (Erlang Solutions)
- Benoît Chesneau (BarrelDB)
- Maxim Fedorov (WhatsApp)
- Ben Marx (Bleacher Report)



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WORKING GROUPS.

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**INTERESTED IN JOINING A
WORKING GROUP?**

SUBSCRIBE www.erlef.org

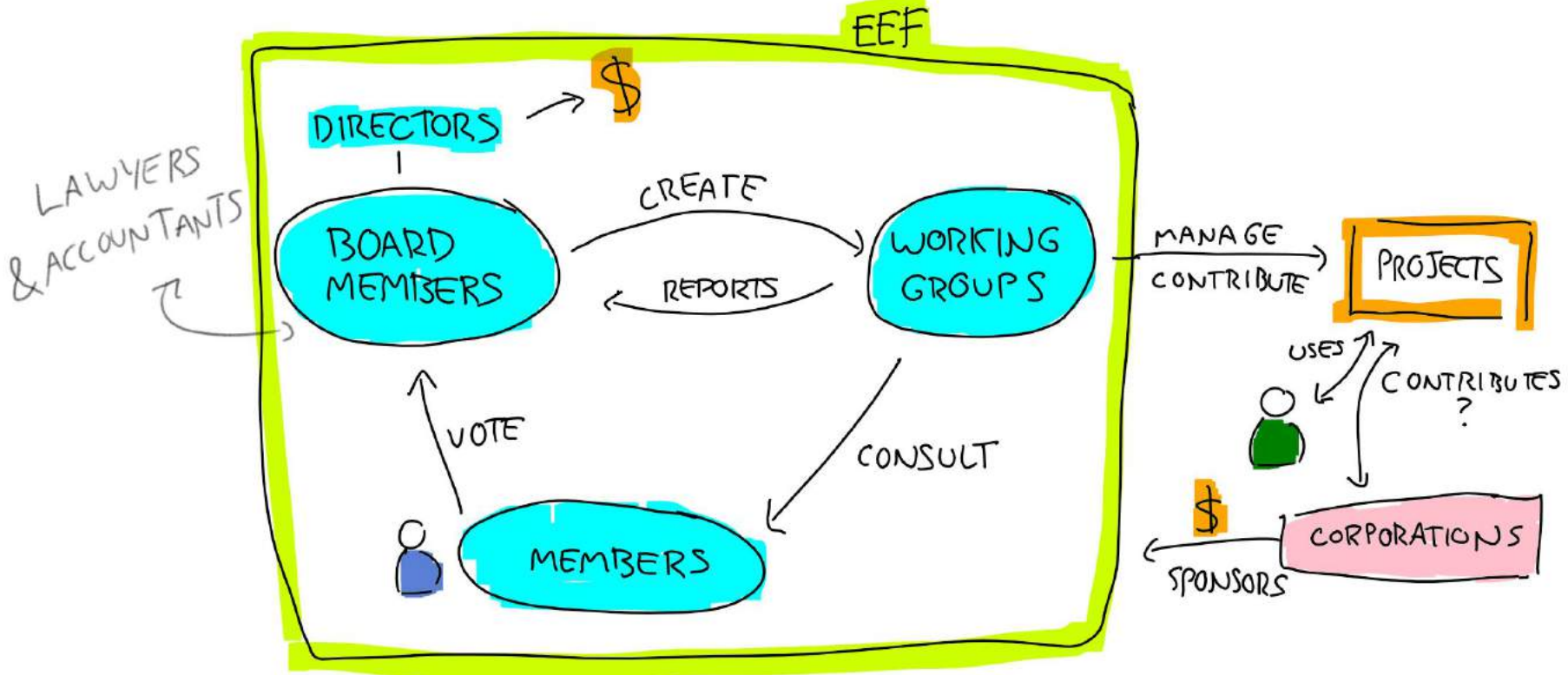
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BYLAWS.

THE BYLAWS

- Bylaws are about 15 pages of legalese that defines the Foundation's structure and operating rules
 - What are members, who can vote or not, how to throw members out
 - What is a meeting and how can they be called
 - What are the rights and responsibilities of each type of officers and entity within the corporation
 - Other tedious stuff
- Registered as a Nonprofit Public Benefit Corporation in the state of California, aiming to get a 501c3 status with the IRS
- Based on the same structure as the Python Software Foundation

THE FOUNDATION'S OPERATING MODE (made simple)



THE FOUNDATION'S MEMBERSHIP STRUCTURE (made simple)

SUPPORTING



- REGULAR MEMBERS

- CAN VOTE FOR MANAGING ROLES
- CAN BE ASKED TO VOTE ON OTHER MEASURES
- PAYS FOR MEMBERSHIP

MANAGING

- BOARD MEMBERS
- DIRECTORS
- PERSON IN CHARGE OF A WORKING GROUP
- 5 HOURS OF WORK A MONTH
- VOTES



CONTRIBUTING



- MUST WORK AT LEAST 5H A MONTH
- WORK IS ON FOUNDATION PROJECTS & IS APPROVED
- VOTES



FELLOWS



- NOMINATED BY SPECIAL WORKING GROUP
- VOTED IN BY 2/3 OF MEMBERS
- MEMBER FOR LIFE
- VOTES LIKE A SUPPORTING MEMBER

BECOME A MEMBER.

LET'S GROW TOGETHER!

ERLANG ECOSYSTEM FOUNDATION

ROADMAP.

- Sign the bylaws
- Incorporate the foundation in California as a not-for-profit corporation
- Define initial working groups
- Launch:
 - <https://erlef.org>
 - <https://twitter.com/TheErlef>
- Present the foundation to the community

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ROADMAP.



www.erlef.org

GOALS

- Onboard members, sponsors, contributors
- Establish Working Group workflow
- Establish the project submissions structure and procedure
- Run board election

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CONTRIBUTING COMPANIES.

www.erlef.org

AdRoll
GROUP


CISCO



 **enki**
multimedia

ERICSSON 

Erlang
SOLUTIONS

GenetecTM

Klarna.

OTOLO
Networks


DIPL. PHYS.
PEER STRITZINGER


plataformatec
consulting and software engineering



WHO ARE WE?

THE BOARD

- Richard Carlsson
- Francesco Cesarini
- Benoit Chesneau
- Maxim Fedorov
- Fred Hebert
- Kenneth Lundin
- Miriam Pena
- Peer Stritzinger
- Sebastian Strollo (Secretary)
- José Valim
- Alistair Woodman (President)

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LET'S GROW TOGETHER!



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Q&A

BE PART OF THE FOUNDATION

BECOME A MEMBER Let's talk!

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#eef