WombatOAM is a monitoring & maintenance tool built specifically to address the needs of systems running on Erlang OTP / the BEAM.

WombatOAM gives you full visibility over your Erlang clusters, either as a stand-alone product or by integrating into your existing OAM infrastructure. It allows your DevOps teams to monitor all from a single location using tools they know. It helps developers and operators administer and monitor clusters of Erlang nodes in heterogeneous public and private clouds.

**FULL VISIBILITY AND CONTROL OVER ERLANG AND ELIXIR SYSTEMS**

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**FULL VISIBILITY MONITORING**

- Oversee the health and performance of each of your nodes with full visibility in soft real-time and historically.

**STRESS TESTS**

- Stay prepared for unexpected traffic spikes and locate your bottlenecks before it’s too late.

**POST-MORTEM DEBUGGING**

- Locate the weakest point of your system or the source of issues with WombatOAM’s deep insights and notification features.

**PRE-EMPTIVE SUPPORT**

- Empower your DevOps to overcome systemic issues with full visibility monitoring, stress tests, and post-mortem debugging.
KEY FEATURES

Your system at a glance

WEB DASHBOARD
WombatOAM's intuitive web dashboard offers an up-to-date, interactive view of your system, including topology, metrics, graphs, alarms, and logs. Create and save bespoke dashboards. Run commands and configuration scripts on remote nodes directly from WombatOAM.

PLUGINS-BASED ARCHITECTURE
Control plugins send monitoring information from the managed nodes to WombatOAM. WombatOAM ships with a set of pre-built plugins for Erlang, Elixir, Mnesia, Cowboy, RabbitMQ, MongooseIM, Riak, and Phoenix. You can also easily add your own plugins.

Prevent outages & recover immediately

METRICS
WombatOAM collects and stores over 100 Erlang VM related metrics as well as metrics from all of its plugins. It retrieves user-defined metrics from applications such as Folsom and Exometer, and interfaces with other OAM integrations.

SERVICES
Users can inspect processes (including message queue, process dictionary, process state, stack trace) and ETS tables in the running systems, can perform operations such as asking the garbage collector to free up memory, and change configuration parameters.

Improve your system

ALARMS
Alarms are automatically raised when failures occur. WombatOAM comes with over 25 alarms out of the box. It also retrieves alarms from existing alarming applications and integrates with your existing monitoring infrastructure tools.

NOTIFICATIONS
WombatOAM monitors, logs, aggregates and filters the most common events including node crashes, system warnings, major state changes, and error log entries from applications using SASL or Lager. Collected notifications can be forwarded to your OAM integrations.

Do more, now

OAM INTEGRATION
WombatOAM ensures seamless integration with your existing OAM infrastructure by having existing integration with Graphite, DataDog, Graylog, Cacti, Nagios, Splunk, Logstash and PagerDuty with the capability of being integrated with other OAM tools.

45 DAYS FREE TRIAL
The proof is in the pudding. Try WombatOAM for 45 days for free. We’ll guide you through best practices and support your team along the way. Get in touch to request more information at +44 (0) 20 7456 1020 or general@erlang-solutions.com

w: www.erlang-solutions.com

WOMBAT OAM USERS
WOMBATOAM POPULAR PLUGINS

WombatOAM seamlessly plugs straight into most Erlang OTP systems; including Erlang, Elixir, Phoenix, RabbitMQ, Riak KV, and MongooseIM. For each plugin, WombatOAM automatically generates product-based frontpage dashboards populated with graphs of the most important metrics related to each application.

ERLANG AND ELIXIR

Deploy Erlang and Elixir nodes in the cloud or on specified machines. WombatOAM also detects anomalies and early warning signs in the form of alarms and notifications so that the problems can be resolved before they cause service disruption.

PHOENIX

Expose fine-grain metrics to give insight into your Phoenix application. Capture the number of requests and the average response time for each registered endpoint, HTTP method (e.g. HTTP GET) and HTTP status code (e.g. HTTP 200).

RABBITMQ

The RabbitMQ plugin collects different statistics about channels, messages, connections, queues, consumers, exchanges, and activities related to the users on a monitored RabbitMQ node.

RIAK

The Riak KV plugin collects all metrics exposed by Riak KV itself with a several additional metrics. Notifications are generated when a significant events happens and when Riak KV commands are executed.

MONGOOSEIM

The MongooseIM plugin exposes various statistics about users, such as the volume of XMPP messages, presence, and stanza size. Also it exposes backend performance in order to raise an alarm if the backend slows.

WOMBATOAM INTEGRATIONS

+ SLACK
+ APPDYNAMICS
+ LOGSTASH
+ NAGIOS
+ GRAYLOG
+ GRAFANA
+ SPLUNK
+ POSTHUMOUS
+ ZABBIX
+ DATADOG
+ GRAPHITE
+ CACTI
+ Graylog
+ Grafana
+ Datadog
+ Zabbix
+ PagerDuty
FULL VISIBILITY AND CONTROL OVER ERLANG & ELIXIR SYSTEMS

Sound monitoring is the only way to keep ahead of a work-stopping disaster, especially if your Erlang / Elixir system handles thousands of requests per second and must respond to each one without fail.

Despite their robustness, Erlang systems can have a variety of issues which, left unchecked, can bring about nasty surprises:

SYSTEM RELATED
Processes having long message queues and too many ETS tables, reaching the process limit, filling the atom table, Erlang nodes going down

NON-SYSTEM RELATED
Power outages, network failures, firewall configurations and hardware faults

HUMAN RELATED
Lack of documentation, support teams lack visibility over system, etc.

ABOUT US

We help keep our client’s businesses moving.
From startups to Fortune 500 companies our technical know-how is the backbone to their operations. We develop and build trusted, fault tolerant systems that can scale to billions of users.

Founded in 1999 soon after Erlang was released as open source. We specialise in providing businesses with truly scalable solutions through the creation, integration, delivery and lifetime support of products and services based on the Erlang programming language. Our HQ are in London and our team has worked with over 300 clients from our offices in Stockholm, Krakow, Budapest, San Francisco and New York.

SERVICES End-To-End Solutions | Consulting | Support | Development | Training
PRODUCTS Riak | RabbitMQ | WombatOAM | MongooseIM
INDUSTRIES Online Gambling & Betting | Telecoms | Fintech | IoT | Gaming | Blockchain
EVENTS Erlang & Elixir Factory | Erlang User Conference | Code Mesh | ElixirConf | Elixir.LDN
COMMUNITY Development | Education | Support | Research | Recruitment