MONGOOSE|IM

MONGOOSE|IM

FULL STACK, MOBILE-READY, REAL-TIME MESSAGING PLATFORM

MongooseIM is a powerful, highly customisable messaging solution allowing app builders, startups, and Fortune 500 companies to build cost-effective communication apps. The platform is designed for businesses facing the challenges of large deployments, where real-time communication and user experience are critical and acquisition, retention, and referral stakes are high. It may be hosted on-premise or in the cloud.

MongooseIM platform helps high-growth businesses bring new technologies, emergency services, entertainment, personal and professional communication to hundreds of thousands of users, assuring:

+ FAST TIME-TO-MARKET
+ EASE OF DEPLOYMENT
+ RISK REDUCTION
+ INNOVATION CAPACITY

+ MASSIVE SCALABILITY & FAULT-TOLERANCE
+ TRANSPARENT CLUSTERING
+ INDUSTRY & OPEN STANDARDS
+ ACQUISITION, RETENTION & ENGAGEMENT

Erlang
SOLUTIONS

GLOBAL DISTRIBUTION

Big applications, backed by several data centers, will benefit from this extension available in MongooseIM. With Global Distribution enabled, your users will no longer be bound to a single location. Passing messages between clusters becomes transparent, significantly improving user experience and reducing client development effort.

ENTERPRISE FRIENDLY

MongooseIM offers several features which are especially beneficial to enterprise setups, such as authentication without passwords, LDAP integration, and a wide range of metrics. What is more, Erlang Solutions offers professional support services tailored for your company's needs.

⌘ OPEN SOURCE & OPEN STANDARDS

MongooseIM is an entirely open source and open standard technology that provides flawless communication for millions of online users. Due to its clean and modular design, MongooseIM integrates easily with pre-existing solutions within a technology stack. It offers sophisticated features such as support for push notifications, a metrics system, and message archive management off-the-shelf, helping developers build mobile applications expected by users today.

`

POWERED BY XMPP

MongooseIM is built around proven technologies such as XMPP, WebSockets, HTTP long-polling (BOSH) and Erlang, providing high performance, high availability, ease of deployment and reliability in production. All messaging features are available using the XMPP protocol. XMPP is an open standards protocol, backed by both the the XMPP Standards Foundation (XSF) and the the Internet Engineering Task Force (IETF). It offers high flexibility and outstanding extensibility.

SIMPLICITY OF REST API

MongooseIM implements a simple and compatible messaging experience with a REST API, both for backend integration, and for client/server development. This significantly lowers the barrier of entry to our platform for developers. As a result, backend developers can write code against MongooseIM, and maintain it with ease. REST API also makes it much easier for DevOps to interconnect MongooseIM with other services. Overall, CTOs will be thrilled to have a more consistent set of backends that can communicate over REST APIs, for simpler infrastructure maintenance.

LEADING MOBILE LIBRARIES

MongooseIM messaging platform is leading the way with a full stack solution for faster time to market. It has contributed to open source third party XMPP libraries: Smack for Android and XMPPFramework for iOS. These enable mobile app developers to build and integrate chat features much faster and more easily into their apps. We offer feature parity between MongooseIM server and Smack + XMPPFramework.

SECURITY

Encrypted connections and user data protection are must-haves in the modern IT industry. In order to meet these requirements, all incoming and outgoing connections (including database and node to node traffic) may be secured with MongooseIM, completely halting eavesdropping on any data.

INBOX

Conversations list is one of the most important views in every chat application. With MongooseIM's inbox extension, users can accurately see the number unread messages at a glance, as well as load whole conversation histories onto a new device.

PUSH NOTIFICATIONS

The latest edition of MongoosePush enables push notifications to iOS and Android devices, using APNS (Apple Push Notifications System) and FCM (Google's Firebase Cloud Messaging).

MASSIVE CLUSTER SCALABILITY

The cluster can be grown and scaled according to traffic profiles and the user base. This guarantees that any additional hardware requirements will be modest. MongooseIM is highly efficient in memory and CPU cwonsumption.

DEVOPS FRIENDLY

MongooseIM offers powerful metrics and monitoring infrastructure that greatly improves DevOps' visibility for managing systems, regardless of the size of the installation. MongooseIM provides technical metrics as well as business metrics.

MOBILE-READY

MongooseIM is mobile-first, and multi-device by default, offering real-time messaging as well as persistent storage of message archives. Various extensions increase reliability and simplify connectivity in constrained devices and networks.

MONGOOSEICE

It helps developers and administrators write and deploy apps with real-time voice and video. With MongooseICE you can stream binary data over networks with firewalls and proxies.

REST API

This client-side and administrative server-side REST API interface to the MongooseIM platform was built by removing all the complexities of XMPP and by

GROUP CHAT

Group chat offers two options to choose from. For most installations you can simply use Multi-User Chat (MUC), a legacy, generic, multi-party, real-time communications channel. You can also take advantage of MongooseIM's new and open "MUC light" that is an answer to modern market needs and challenges, allowing much simpler and contemporary

CONFIGURABLE DATABASE

For persistent data, you can choose from MySQL, PostgreSQL, and any other ODBC-compliant databases. Also MongooseIM supports Riak KV, the NoSQL cluster key-value store, and Cassandra. For transient data, Mnesia and Redis are supported out of the box.

PRE-BUILT IMAGES & PACKAGES

A Docker and AMI image as well as Linux Ubuntu / Debian family (deb) means developers with no knowledge of Erlang can deploy MongooseIM with one command in only 5 minutes.

CUSTOMISATION

We are expert in building, scaling and customising messaging platforms. Get in touch to find out more about our subscription plans:
t: +44 (0) 2074 561020
e: general@erlang-solutions.com
w: www.erlang-solutions.com

MONGOOSEIM AND OTHER PRODUCTS

IIn addition to MongooseIM and consultancy services, Erlang Solutions also develops and provides support for a number of other Erlang infused products:

RABBITMQ

An open source message broker software that implements the Advanced Message Queuing Protocol (AMQP). It enables MongooseIM to pass messages to other back-end components in your infrastructure, such as chat messages, push notifications, and server logs.

WOMBATOAM

An operations and maintenance framework for Erlang and Elixir based systems compatible out of the box with MongooseIM. It provides complete visibility over your system and helps you immediately address and fix problems via monitoring alarms and notifications. **Get a 45 day free trial today.**

RIAK

In contrast to traditional relational databases and other NoSQL databases, Riak is built in Erlang, giving it enormous availability, replication and monitoring. Designed for highly distributed deployments, Riak KV works perfectly with even non-standard MongooseIM installations.

ABOUT US

www.erlang-solutions.com
general@erlang-solutions.com
+44 (0) 20 7456 1020

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