

Programming Erlang Joe Armstrong

Distributed Soft real-time

Ejabberd and an MQ Telemetry Transport (MQTT) broker, written mainly in the Erlang programming language. Additionally, ejabberd can run under Microsoft Windows. It can run under several Unix-like operating systems such as Linux, FreeBSD, NetBSD, OpenBSD and OpenSolaris. ejabberd is an Extensible Messaging and Presence Protocol (XMPP) application server and an MQ Telemetry Transport (MQTT) broker, written mainly in the Erlang programming language. The name ejabberd stands for Erlang Jabber Daemon (Jabber being a former name for XMPP) and is written in lowercase only, as is common for daemon software. It can run under several Unix-like operating systems such as macOS, Linux, FreeBSD, NetBSD, OpenBSD and OpenSolaris.

Erlang, the functional programming language. Joe Armstrong (football scout) (1894–1975), chief scout of Manchester United F.C. after World War II. ejabberd is free software, distributed under the terms of the GNU GPL-2.0-or-later. As of 2009, it is one of the most popular open source applications written in Erlang. XMPP: The Definitive Guide (O'Reilly Media, 2009) praised ejabberd for its scalability and clustering feature, at the same time.

Erlang (programming language) The sequential subset of the Erlang language supports Erlang (UR-lang) is a general-purpose, concurrent, functional high-level programming language, and a garbage-collected runtime system. The Erlang programming language has data, pattern matching, and functional programming. The term Erlang is used interchangeably with Erlang/OTP, or Open Telecom Platform (OTP), which consists of the Erlang runtime system, several ready-to-use components (OTP) mainly written in Erlang, and a set of design principles for Erlang programs. a system

The predecessor of the BEAM was JAM (Joe's Abstract Machine), which was the first virtual machine for the Erlang language and was written by Joe Armstrong and Mike Williams in the C language.

Yaws (web server) web server) is a web server written in Erlang by Claes (klacke) Wikström. Yaws can be embedded into other Erlang-based applications or run as a regular standalone web server. Yaws can be embedded into other Erlang-based applications or run as a regular Yaws (Yet another web server) is a web server written in Erlang by Claes (klacke) Wikström.

Joe Armstrong Representatives Joe Armstrong (programmer) (1950–2019), designer and implementer of Erlang programming language Joe Lee Armstrong (born 1955), gospel singer Joe Armstrong Joe Armstrong may refer to:

Joe Armstrong (footballer) (born 1939), English footballer who played as an inside forward. Fault-tolerant The LYME and LYCE bundles can be and are combined with many other free and open-source software packages such as e.g. netsniff-ng for security testing and hardening, Snort, an intrusion detection (IDS) and intrusion prevention system (IPS), RRDtool for diagrams, or Nagios, Collectd, or Cacti, for monitoring. The Erlang runtime system is designed for systems with these traits: Ericsson started a project in the mid-1980s to create a successor language, which resulted in Erlang. According to co-creator Joe Armstrong, "Erlang was heavily influenced by PLEX and the AXE design." Erlang did not replace...

Functional programming functional programming is a programming paradigm where programs are constructed by applying and composing functions. It is a declarative programming paradigm. In computer science, functional programming is a programming paradigm where programs are constructed by applying and composing functions. It is a declarative programming paradigm in which function definitions are trees of expressions.

that map values to other values, rather than a sequence of imperative statements which update the running state of the program

The Erlang programming language has data, pattern matching, and functional programming. The sequential subset of the Erlang language supports eager evaluation, single assignment, and dynamic typing... Joe Armstrong (programmer) (1950–2019), designer and implementer of Erlang programming language Joe Armstrong, character in American Ninja Functional programming is sometimes treated as synonymous with purely functional...

Joe Armstrong (programmer) At 17, Armstrong began programming in Fortran on his Joseph Leslie Armstrong (27 December 1950 – 20 April 2019) was a computer scientist working in the area of fault-tolerant distributed systems. He is best known as one of the co-designers of the Erlang programming language. co-designers of the Erlang programming language. Armstrong was born in Bournemouth, England in 1950

Yaws, the web server; In functional programming, functions are treated as first-class citizens, meaning that they can be bound to names (including local identifiers), passed as arguments, and returned from other functions, just as any other data type can. This allows programs to be written in a declarative and composable style, where small functions are combined in a modular manner. Joe E. Armstrong (born 1956), American politician and member of the Tennessee House of Representatives Highly available, non-stop applications The language has two variants: Plex-C used for the AXE Central Processor (CP) and Plex-M used for Extension Module Regional Processors (EMRP). Joe Lee Armstrong (born 1955), gospel singer Joe Armstrong (actor) (born 1978), English actor

BEAM (Erlang virtual machine) BEAM is part of the Erlang Run-Time System (ERTS), which compiles Erlang source code into bytecode, which is then executed on the BEAM. the BEAM was JAM (Joe's Abstract Machine), which was the first virtual machine for the Erlang language and was written by Joe Armstrong and Mike Williams BEAM is the virtual machine at the core of the Erlang Open Telecom Platform (OTP). BEAM bytecode files have the .beam file extension

Hot swapping, where code can be changed without stopping a system. Originally BEAM was short for Bogdan's Erlang Abstract Machine, named after Bogumil "Bogdan" Hausman, who wrote the original version, but the name may also be referred to as Björn's Erlang Abstract Machine, after Björn Gustavsson, who wrote and maintains the current version. Both developers worked on the system while at Ericsson.

PLEX (programming language) "Erlang did not replace PLEX PLEX (Programming Language for EXchanges) is a special-purpose, concurrent, real-time programming language. According to co-creator Joe Armstrong, "Erlang was heavily influenced by PLEX and the AXE design. PLEX was described in 2008 as "a cross between Fortran and a macro assembler. PLEX was developed by Göran Hemdahl at Ericsson in the 1970s, and it has been continuously evolving since then. which resulted in Erlang. The proprietary PLEX language is closely tied to the architecture of Ericsson's AXE telephone exchanges which it was designed to control

Mnesia or CouchDB, the database;

LFE (programming language) LFE builds on Erlang to provide a Lisp syntax for writing distributed, fault-tolerant, soft real-time, non-stop applications. LFE is actively supported on all recent releases of Erlang; the oldest version of Erlang supported is R14. Flavored Erlang (LFE) is a functional, concurrent, garbage collected, general-purpose programming language and Lisp dialect built on Core Erlang and the Lisp Flavored Erlang (LFE) is a functional, concurrent, garbage collected, general-purpose programming language and Lisp dialect built on Core Erlang and the Erlang virtual machine (BEAM). LFE also extends Erlang to support metaprogramming with Lisp macros and an improved developer

experience with a feature-rich read-eval-print loop (REPL) 0caec568f4

Linux, the operating system; 0caec568f4

LYME (software bundle) system; Yaws, the web server; Mnesia or CouchDB, the database; Erlang, the functional programming language. The stacks are composed of: The LYME and LYCE bundles can be and are combined LYME and LYCE are software stacks composed entirely of free and open-source software to build high-availability heavy duty dynamic web pages 0caec568f4

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