

Erlang

Types, Abstract Form & Core II

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Abstract

Erlang is a general-purpose **concurrent**, **garbage-collected** programming language and **runtime system**. The **sequential** subset of Erlang is a **functional language**, with **strict evaluation**, **single assignment**, and **dynamic typing**. It was designed by Ericsson to support **distributed**, **fault-tolerant**, **soft-real-time**, **non-stop applications**. It supports **hot swapping**, so that code can be changed without stopping a system. The **first version** was developed by **Joe Armstrong** in **1986**. It was originally a proprietary language within Ericsson, but was released as **open source** in **1998**. This talk focuses in Types, Dialyzer, Abstract Form and how to manipulate Core Erlang.