BOXLANG programming language

BOXLANG is the modern, dynamically and loosely typed scripting language for the Java Virtual Machine (JVM) that supports Object-Oriented (OO) and functional Programming (FP) Constructs. It can be deployed on multiple platforms and all operating systems, web servers, Java application servers, AWS lambda, iOS, Android, web assembly, and more.

BOXLANG combines many features from different programming languages, including Java, ColdFusion, Python, Ruby, Go, and PHP, to provide developers with a modern, fluent, and expressive syntax. BOXLANG has been designed to be a highly modular and dynamic language that takes advantage of all the modern features of the JVM.

Key features:

1. Dynamic Language
2. Low Verbosity Syntax
3. Ideal for quick scripting on JVM or Cloud Lambda architectures
4. Invoke Dynamic
5. Java Interoperability
6. Pure Functions and Closures
7. Event Driven Language
8. Modular
9. Professional Open-Source
10. Multi-Platform Development
11. Portable, Fluent, Human Scheduled Tasks
12. ColdFusion/CFML Compatible
13. Tooling
14. An established ecosystem

General Information

BOXLANG OPEN-SORCE

A professional open-source project based on the Apache 2 license. The BOXLANG open-source edition can be used to create and deploy commercial software without paying a single cent. We love and breathe open-source, but we also know that it comes with responsibilities.

BOXLANG +

A subscription professional license for the language and its runtimes (web, android, web assembly, etc.). It gives world-class support, customizable SLAs (Service Level Agreements), custom patches, security notifications, enhanced features, modules, and more. It has a transparent and no-fuzz licensing model no matter which runtime is used or where is deployed.

BOXLANG + +

Provides its customers with a range of services that guarantee superior Service Level Agreements (SLAs) and an exclusive Yearly Checkup. This entails a thorough analysis of product usage, installation, deployment, and other critical aspects by proficient language engineers and development team members via remote or on-site consultation, as well as a dedicated account manager and video call support.

Who is responsible for BOXLANG?

BOXLANG is the future of programming. Developed by Ortus Solutions, a company with over 18 years of experience in ColdFusion development, BOXLANG is the result of a team of 25+ experts who have been working tirelessly to create a language that will revolutionize the way we write code. But BOXLANG is more than just a language; it's an entire ecosystem, driven by a community of over 100 independent contributors who are passionate about making coding more efficient, more powerful, and more accessible to everyone. Join the BOXLANG community today and help us build a better future for programming!

Overview of History

- 1995: Allaire Corporation (Minnesota) creates Cold Fusion software.
- 1998: Alan Williamson starts developing BlueDragon, a Java implementation of CFML.
- 2001: Allaire is acquired by Macromedia, Cold Fusion becomes Macromedia Cold Fusion.
- 2002: ColdFusion version 4 is released, removing the space in the name (ColdFusion). First Java-based version of ColdFusion (version 6.0) is released. New Atlanta licenses BlueDragon and makes it a commercial product.
- 2005: Adobe acquires Macromedia.
- 2008: Open BlueDragon (fork of BlueDragon) is released. Railo CFML engine first launches as a commercial project.
- 2009: Adobe forms a CFML Advisory Committee (disbanded in 2010). Railo engine becomes open source.
- 2012: OpenCFML Foundation is launched.
- 2015: Lucee, a fork of Railo, is launched by Michael Offner.
- 2024: Ortus Solutions, revolutionizes the world of CFML by launching BOXLANG, a modern, dynamically and loosely typed scripting language for the JVM that supports Object-Oriented (OO) and functional Programming (FP) Constructs that can be deployed on multiple platforms and all operating systems, web servers, Java application servers, AWS lambda, iOS, android, web assembly, and more.

The state of BOXLANG in 2024

BOXLANG has truly transformed the realm of CFML with its exceptional value proposition. It's no surprise that countless organizations worldwide have swiftly embraced this game-changing technology.

Ortus Solutions was founded by Luis Majano in 2006 with the vision of empowering developers with great open-source tools and empowering clients with scalable and robust applications. We have a proven track record of successful web application development from small scale to mission critical applications, software architecture, website design, training and support services.

We know how difficult it is to do everything all by yourself therefore we are here to help you out. Our focus is to make your business more efficient. We are at our core, developers who know the value of time and money and we have seen firsthand how our products and services can help you save those two invaluable things.

Ortus Solutions offers comprehensive suite of products and services for empowering, building, running and managing ColdFusion applications and now BOXLANG applications too.

We're the team behind ColdBox, the de-facto enterprise ColdFusion MVC Framework, TestBox, a Testing and Behavior Driven Development (BDD) Framework, ContentBox Modular CMS, a highly modular and scalable Content Management System, CommandBox, the ColdFusion (CFML) CLI, package manager, etc., and many more.

At Ortus Solutions we have become ColdFusion leaders by changing the way we ALL develop. We create innovative open-source tools and software for empowering, building, running, and managing ColdFusion applications. Our Team of expert developers has over 16 years of experience in software-hardware architecture and OO design which provides our customers with world-class support, mentoring and custom development services.

Assets

Logos & Guidelines

BOXLANG:

https://www.boxlang.io/

Ortus Solutions:

https://www.ortussolutions.com/__media/Public%20Assets/ortus-branding-assets.zip