



# Go

Duration 2 day(s) (GO-02)

Learn to develop applications in Go / Golang

## Description

Go is the programming language developed by Google in 2007 with the aim of being as fast as C, portable as Java and simple as a dynamic language. Today Go has become one of the most popular languages for writing server applications. It is the language used by companies like Docker, Dropbox, CloudFlare, SoundCloud, BBC, Cloud Foundry, MongoDB. In this training we will introduce the key concepts of language that will allow you to develop your next project in Go.

## Goals

- Discover and implement programming in Go - Model and manipulate real world objects
- Concurrent programming in GB
- The pros and cons of Go
- For which types of Go projects is most suitable
- How to organize your code into packages
- How to write tests
- Tools to develop in Go
- The standard library

### *Public*

- Developers

### *Prerequisites*

- Knowledge of at least one programming language

### *Structure*

40% Theory, 60% Practice

## Program

First step

Language basics

Types

Collections

Control structures

Methods

Interfaces

Concurrent programming

Testing

Tools and good practices

Standard library