

# JabirOS Developer Guide

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# 1 Introduction

JabirOS<sup>1</sup>, is a FreeBSD derivative, and a general purpose unix-like operating system. It can be used in servers, mainframe computers, personal computers, and embedded computers like Raspberry Pi or Cubieboard.

After reading this document, you can make JabirOS applications using software development kit<sup>2</sup>.

## 1.1 A brief history of JabirOS

JabirOS, was a GNU/Linux based operating system first. It was a remaster of Ubuntu<sup>3</sup> GNU/Linux. Actually, this operating system was made for fun by Reza Bagherzadeh and me. Then, we wanted to make a technical, and purer unix-like operating system. In this steps, Muhammad Esmaili had joined us, so we made JabirOS from FreeBSD.

## 1.2 Required knowledge for reading this book

- You need to know Ruby<sup>4</sup> language.
- You need to know how to write classes and objects in Ruby, and use them in other codes.
- You need to know how to work with JabirOS (or FreeBSD, etc. Every FreeBSD based operating systems are suitable for learning).
- You need to know how to run or package your final product.

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<sup>1</sup><http://jabirproject.org>

<sup>2</sup><https://github.com/JabirTech/SDK>

<sup>3</sup><http://ubuntu.com>

<sup>4</sup><http://ruby-lang.org>