

Embedded Software

With Golang



Agenda

- . What's Embedded Software (ES)?
- . Why Golang?
- . What was I done with ES and Golang?
- . And nexts?



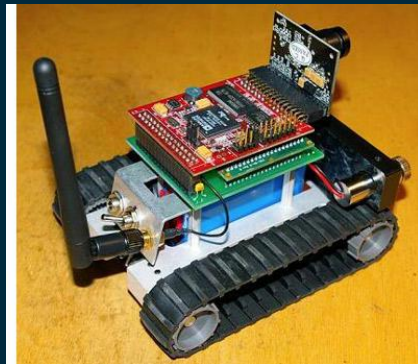
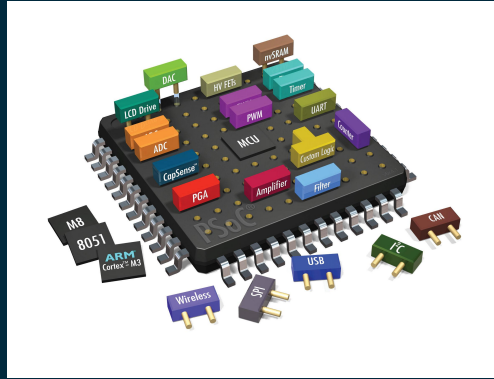
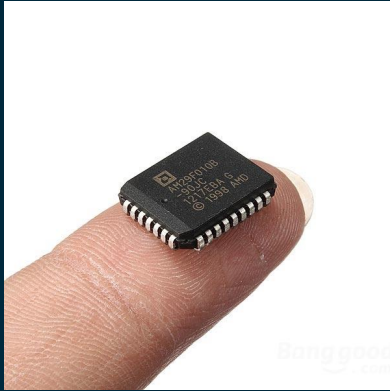
Embedded Software

From Wikipedia, the free encyclopedia

Embedded software is computer [software](#), written to control machines or devices that are not typically thought of as computers. It is typically specialized for the particular [hardware](#) that it runs on and has time and memory constraints.^[1] This term is sometimes used interchangeably with [firmware](#), although firmware can also be applied to ROM-based code on a computer, on top of which the OS runs, whereas embedded software is typically the only software on the device in question.

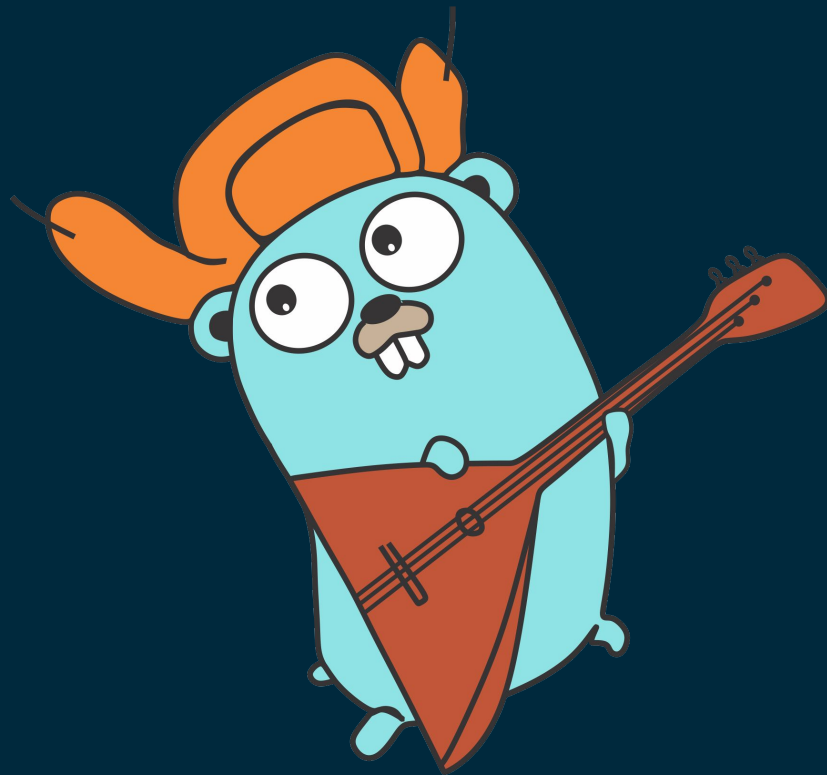


Embedded Software



So...

Why Golang?



Why don't

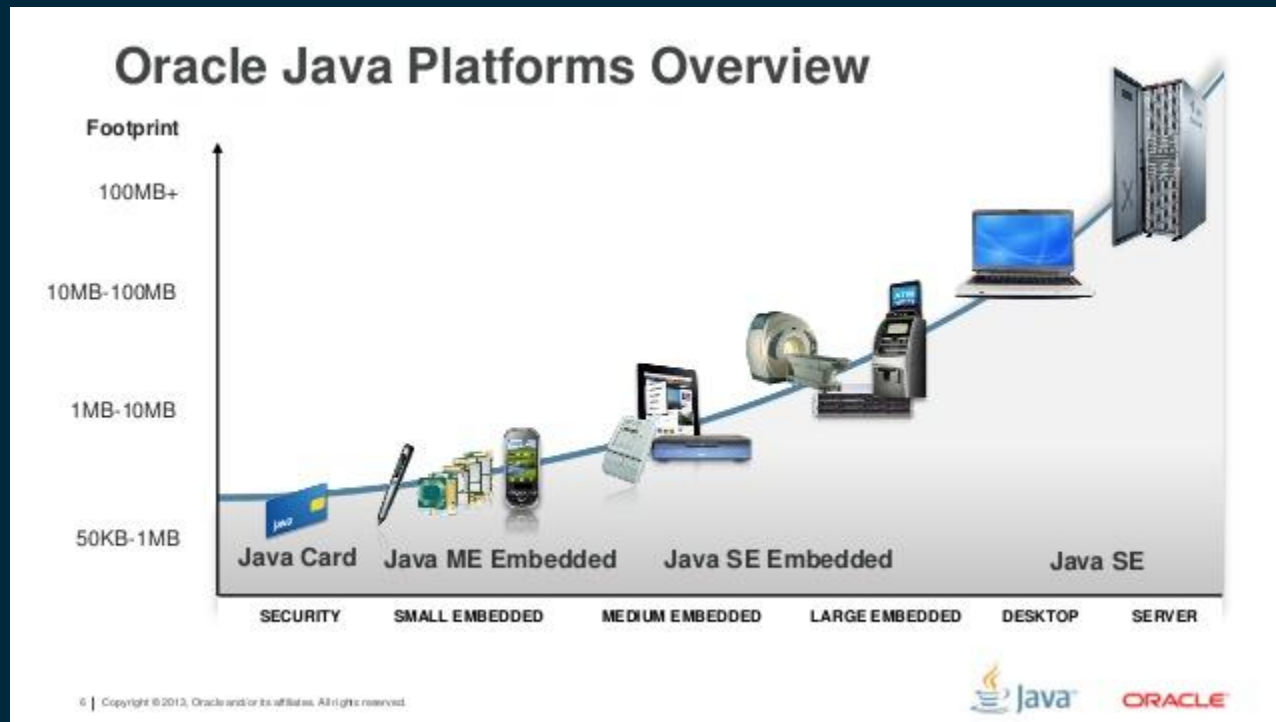
C/C++



Why don't



Why don't

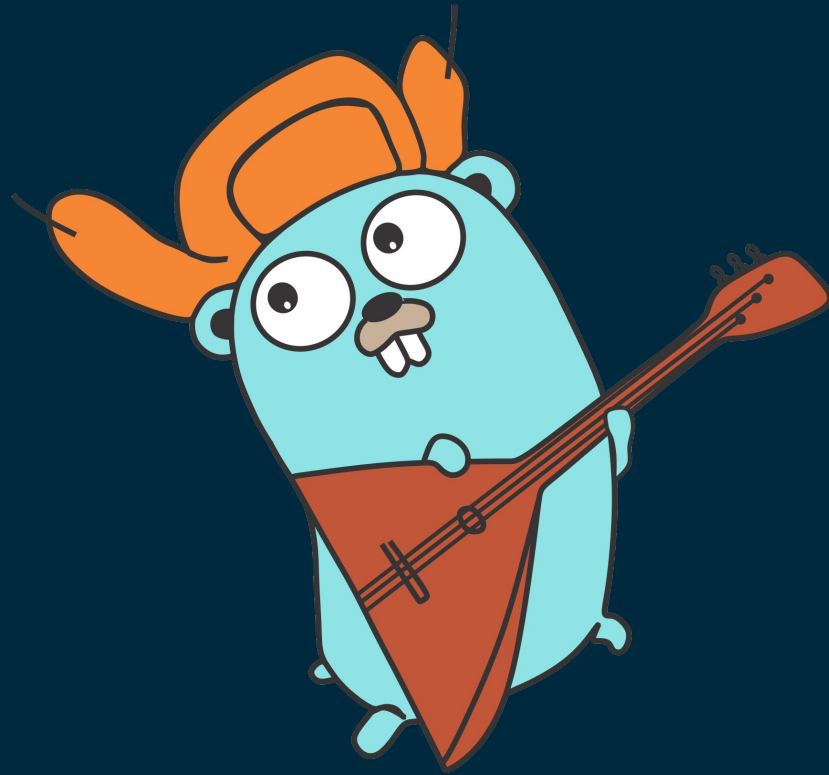


So...

- . Speed of compiled language.
- . Easy to learn and maintain.
- . Easy to develop at system level.
- . Have a large of library support.
- . Not depend on any VMs or interpreters



Golang have a change to try



Framework - EMBD

<http://embd.kidoman.io/>

EMBD.

Golang Embedded Programming Framework

CODE

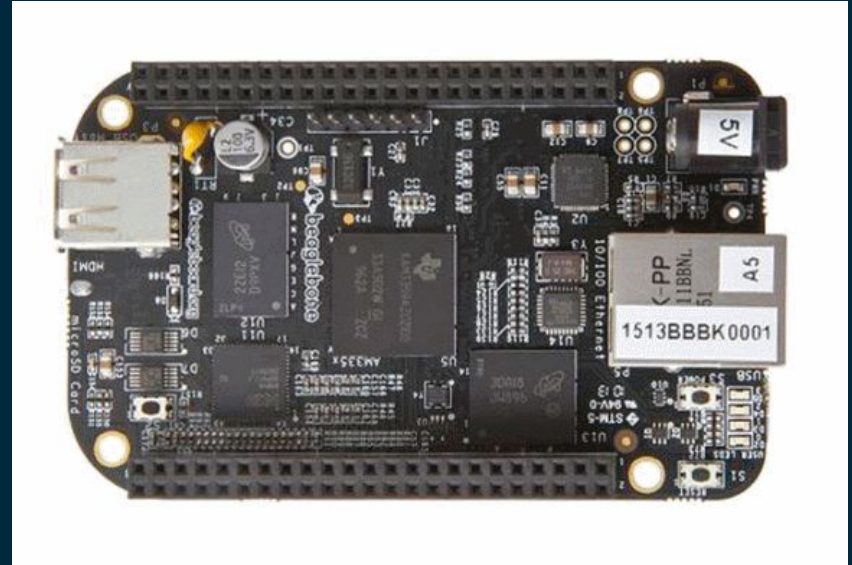
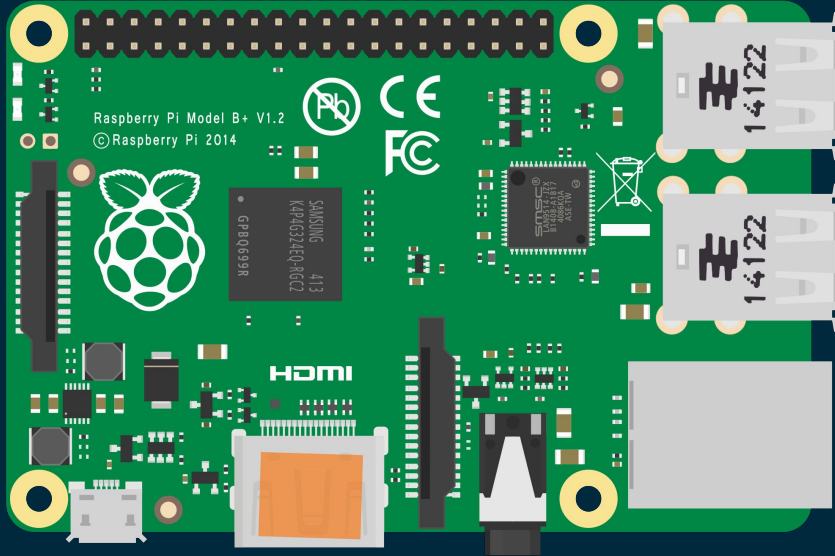
DEMO

DOCS

 Star 642  Fork 59



Framework - EMBD



Framework - GoBot

GOBOT

DocsPlatformsResourcesBlogGithub

Go, Robot, Go!

Golang Powered Robotics

Next generation robotics framework with support for 18 different platforms

Start Now

<http://embd.kidoman.io/>

Star1,908

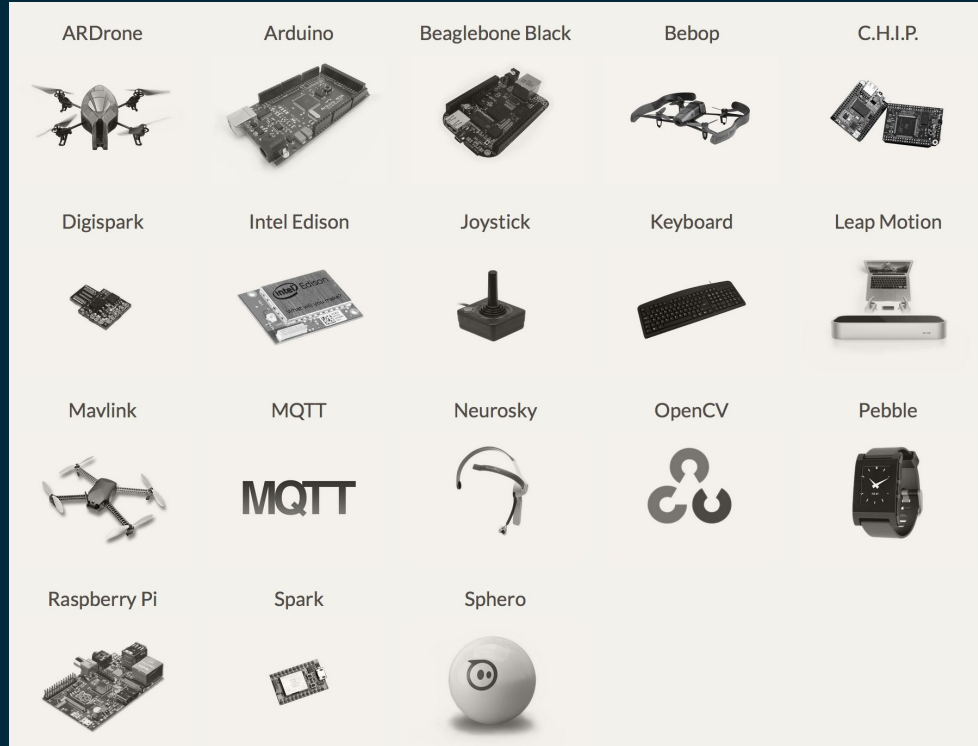
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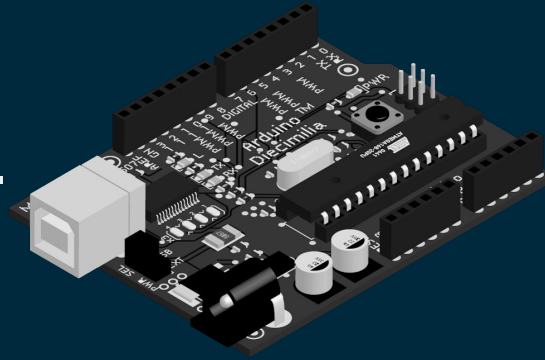
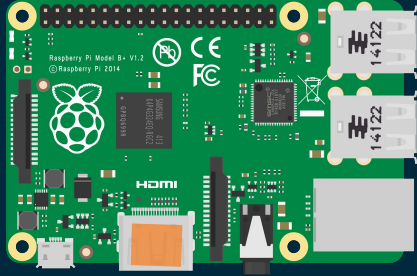
Framework - GoBot



What did I tried any yet



What did I tried any yet



C/C++

What did I tried any yet

