

“any application that can be written in
JavaScript, will eventually be written in
JavaScript”

– **Atwood’s Law**

YodaOS

一个属于 Node.js 社区的操作系统

7 ROKID CLOUD

6 JS APP

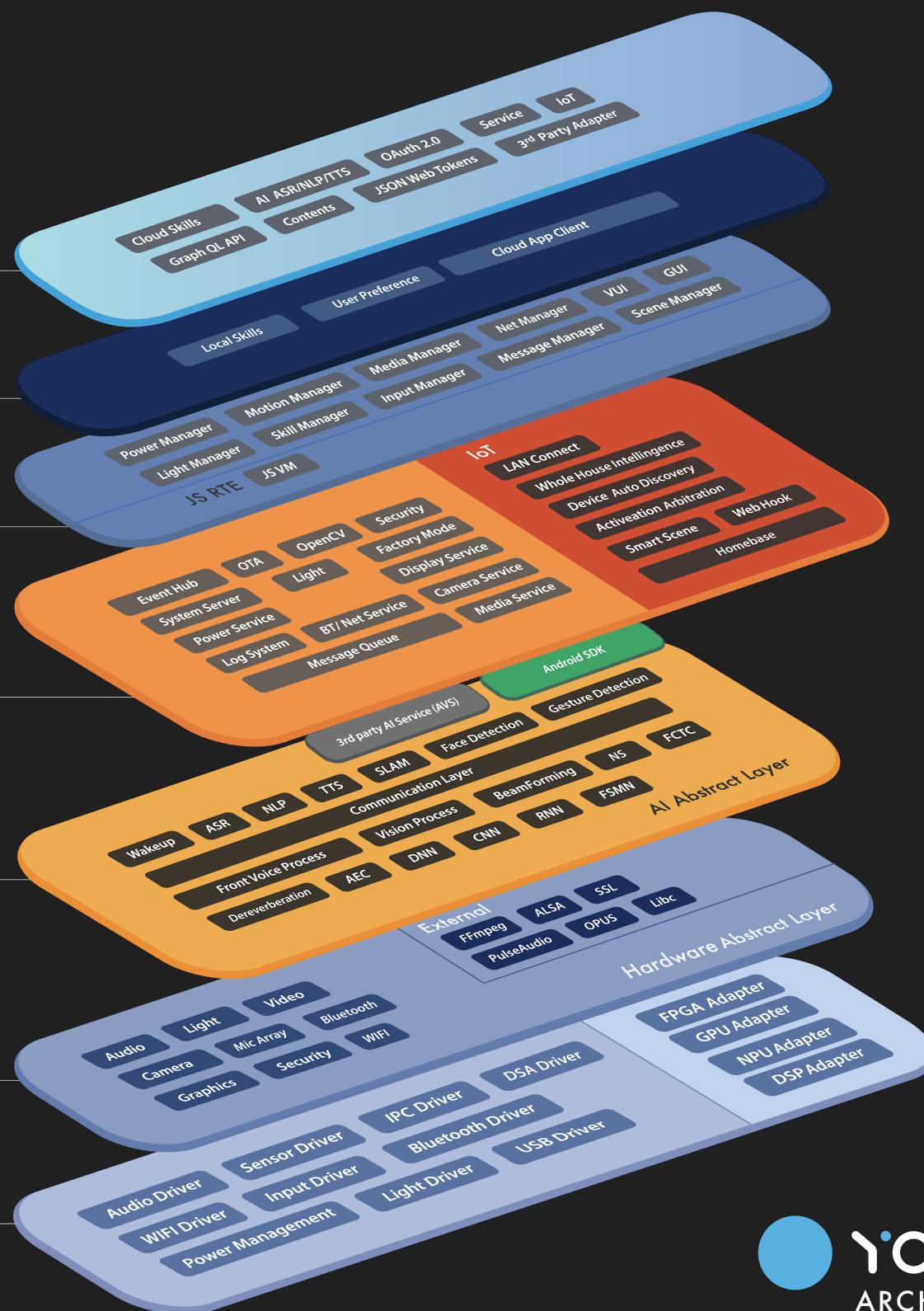
5 JS FRAMEWORK
(FRAMEWORK/BASE)

4 SYSTEM SERVICE
(FRAMEWORK/NATIVE)

3 AI AL

2 HARDWARE AL
(HARDWARE)

1 LINUX KERNEL



JS in YodaOS

Yoda Runtime	
ShadowNode	Node.js
JerryScript	V8
Linux	

- Node.js APIs: file / net / https / child process.
- MQTT / WebSocket.
- AIAL: voice trigger, speech and TTS.
- OS: audio, battery, bluetooth, LED & OTA.

部分支持 npm

为什么选择 Node.js?

“Node.js 正在发挥每位开发者的想象力”

—Yorkie

- 服务器领域代表：koa / express 等等
- 前端工程化代表：grunt / gulp / webpack
- 其他...

YodaOS 想做

- 让 Node.js 开发者以更低的门槛进入语音交互
- 让 Node.js 开发者以更低的门槛进入物联网

物联网下 开发者的诉求

既要节省资源
又要便于开发

ShadowNode

- 更快的启动速度、更低的资源占用
- 调试工具
- N-API 跨运行时实现
- 特定芯片优化 (Kamino18、Amlogic A113)

JavaScript Ecosystem on Edge

Yoda Runtime

ShadowNode

Node.js

JerryScript

V8

Linux

YodaOS ❤️ Node.js

[yodaos-project / yodaos](#)