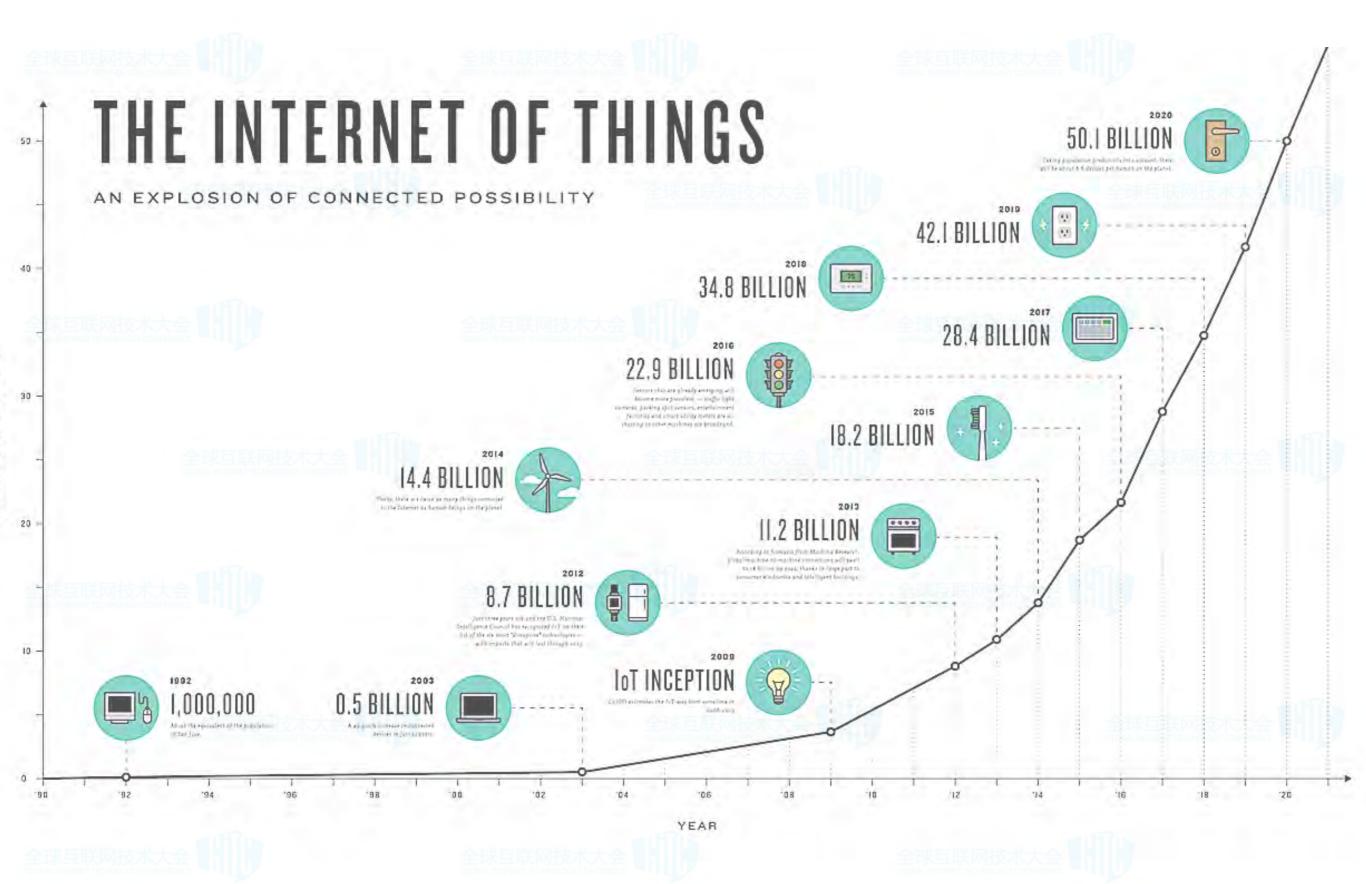
Ruff: 破局硬件研发困境

郑晔

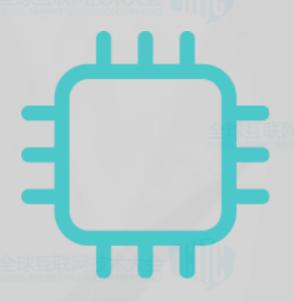




硬件研发团局



软件人做不了硬件



硬件人做不了应用

"劳动生产力上最大的改进,以及劳动时所表现的更多的娴熟程度、技巧和判断力,似乎都是分工的结果。"

—— 亚当•斯密《国富论》





IoT Platform

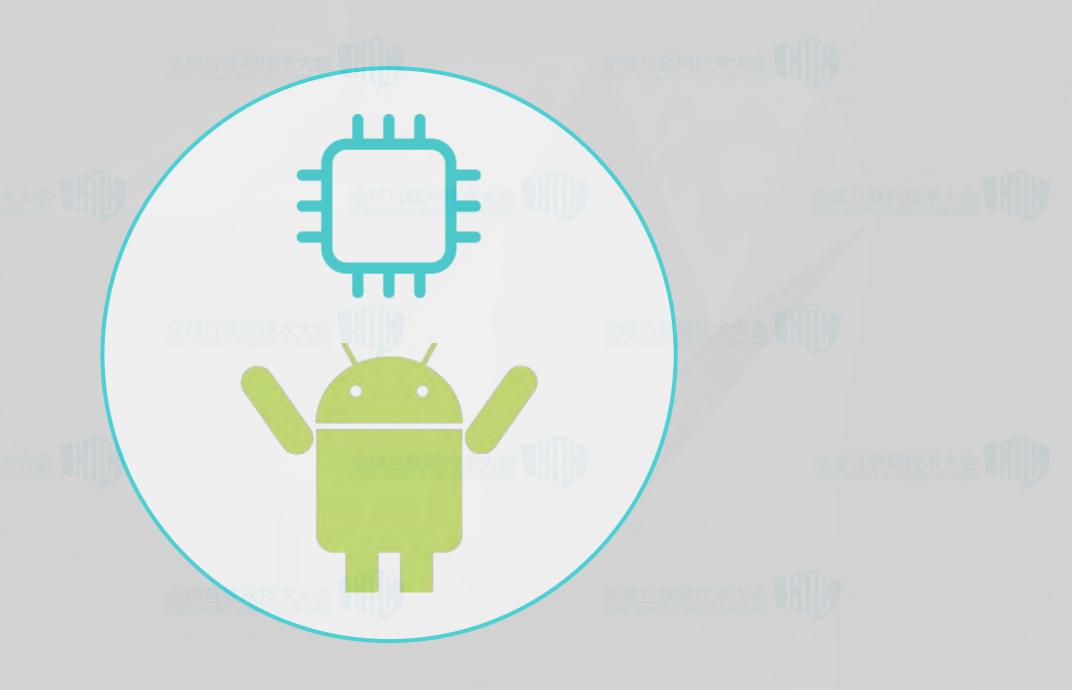


Hardware

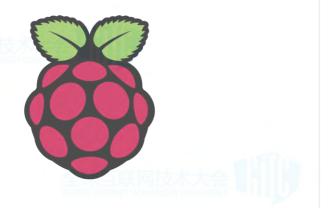


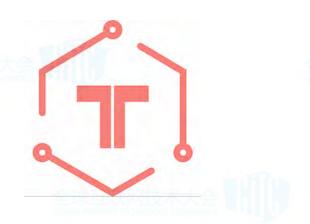
软件人做硬件

IoT 版的 Android



スロギャ とロギ





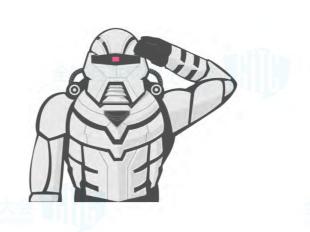


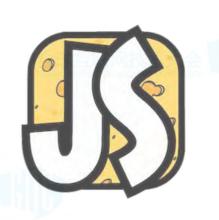


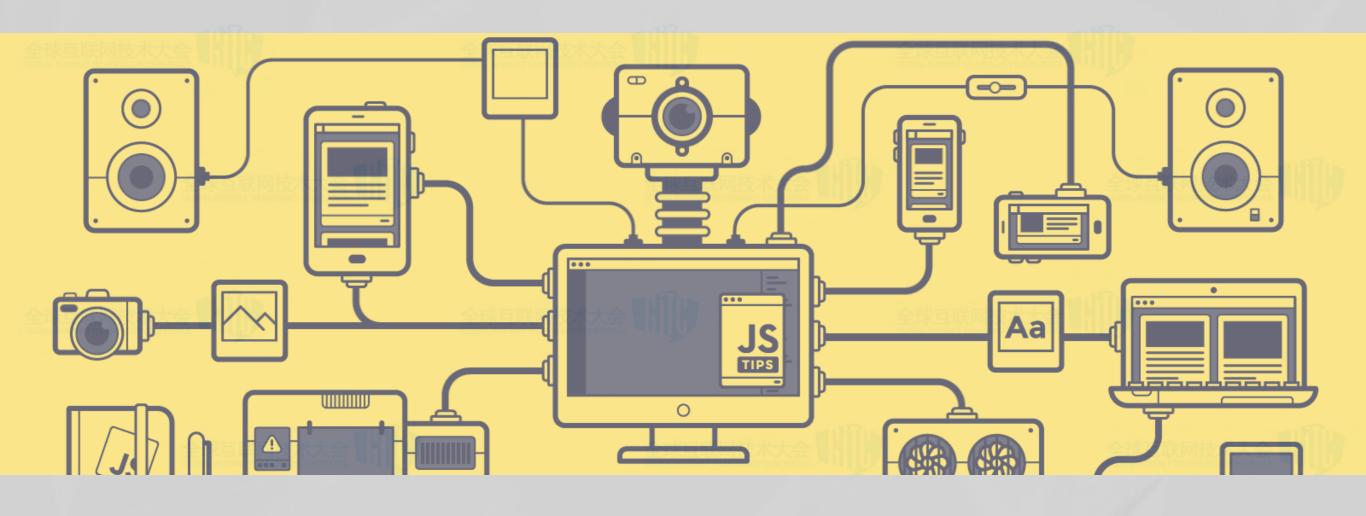




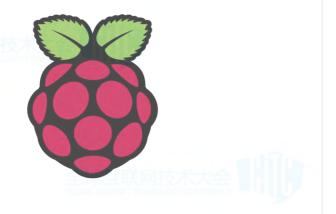


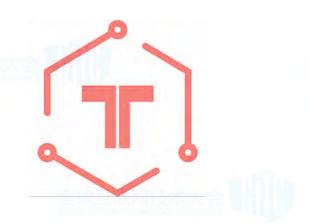






现代开发





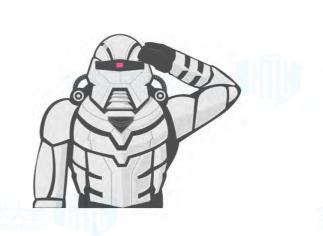


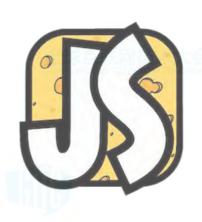






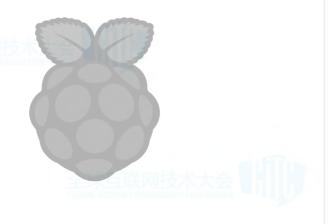








面向应用





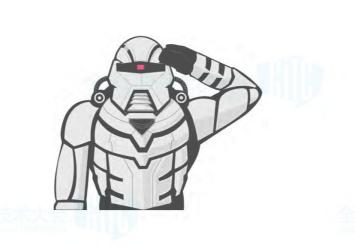


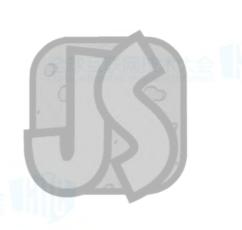


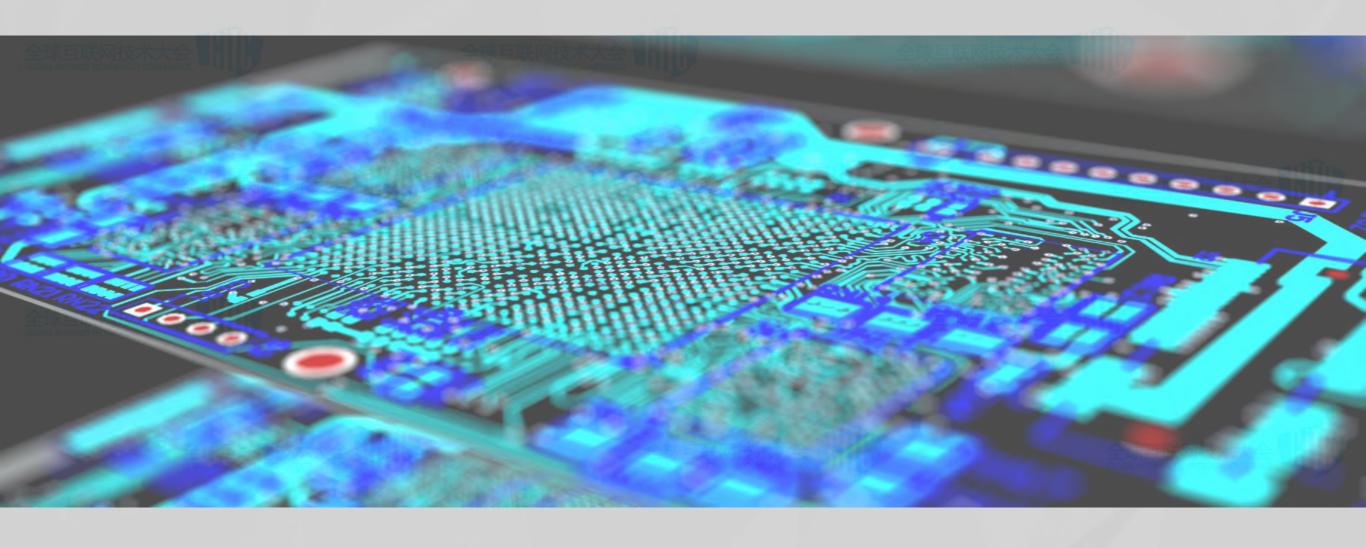




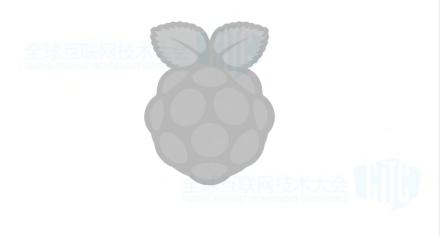








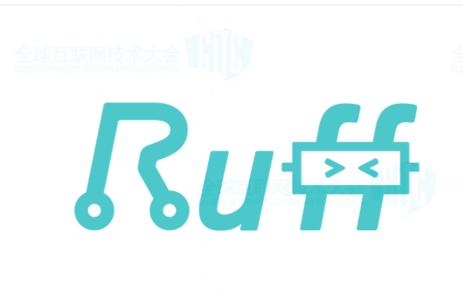
面向生产



















Ruff: 一个 IoT 平 台

```
'use strict';
$.ready(function (error) {
    if (error) {
       console.log(error);
        return;
    $('#led-r').turnOn();
});
$.end(function () {
    $('#led-r').turnOff();
});
```



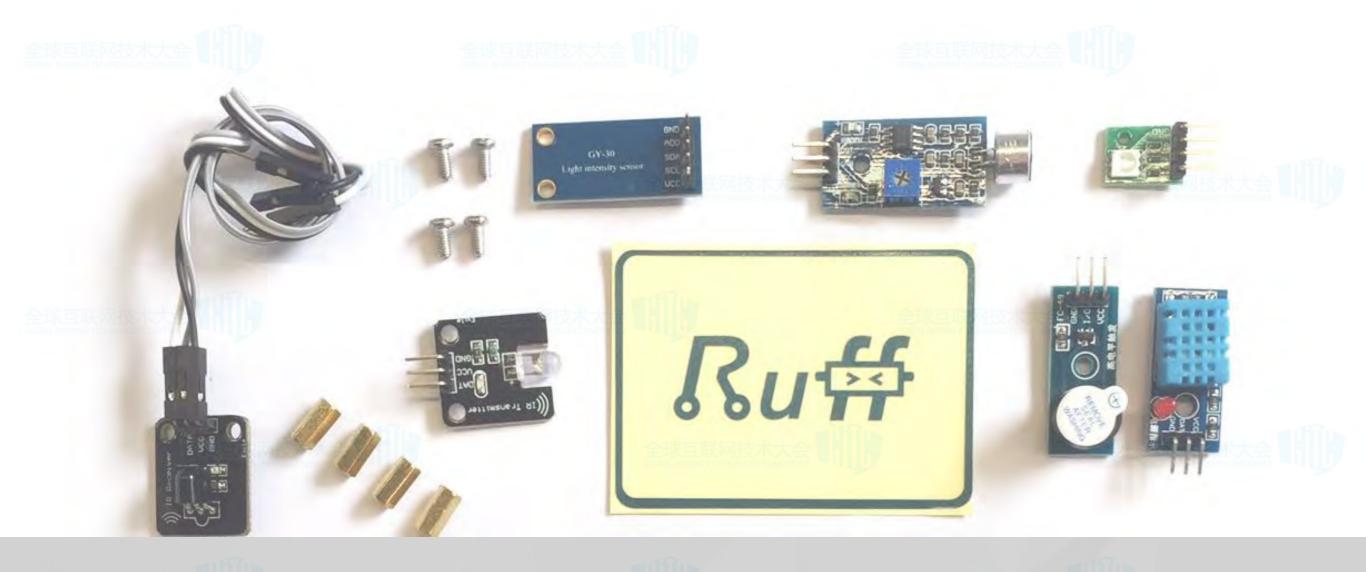
自动化工具



软件仓库

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测试



原型到生产

基于 Ruff 的硬件应用发

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软件定义硬件



Ruff.io 谢谢!