

High-Level Developers Escape Your Realm

Revolutionizing Embedded Development

WEB DEVELOPER



HARDWARE ENGINEER



Typical Embedded Development

High Barrier to Entry

- ◆ Requires deep low-level knowledge
- ◆ Complex toolchains and debugging
- ◆ Large teams of specialized firmware developers

Xedge32 Changes the Game

- ◆ High-level development environment
- ◆ Lua scripting on microcontrollers
- ◆ Seamless hardware interaction

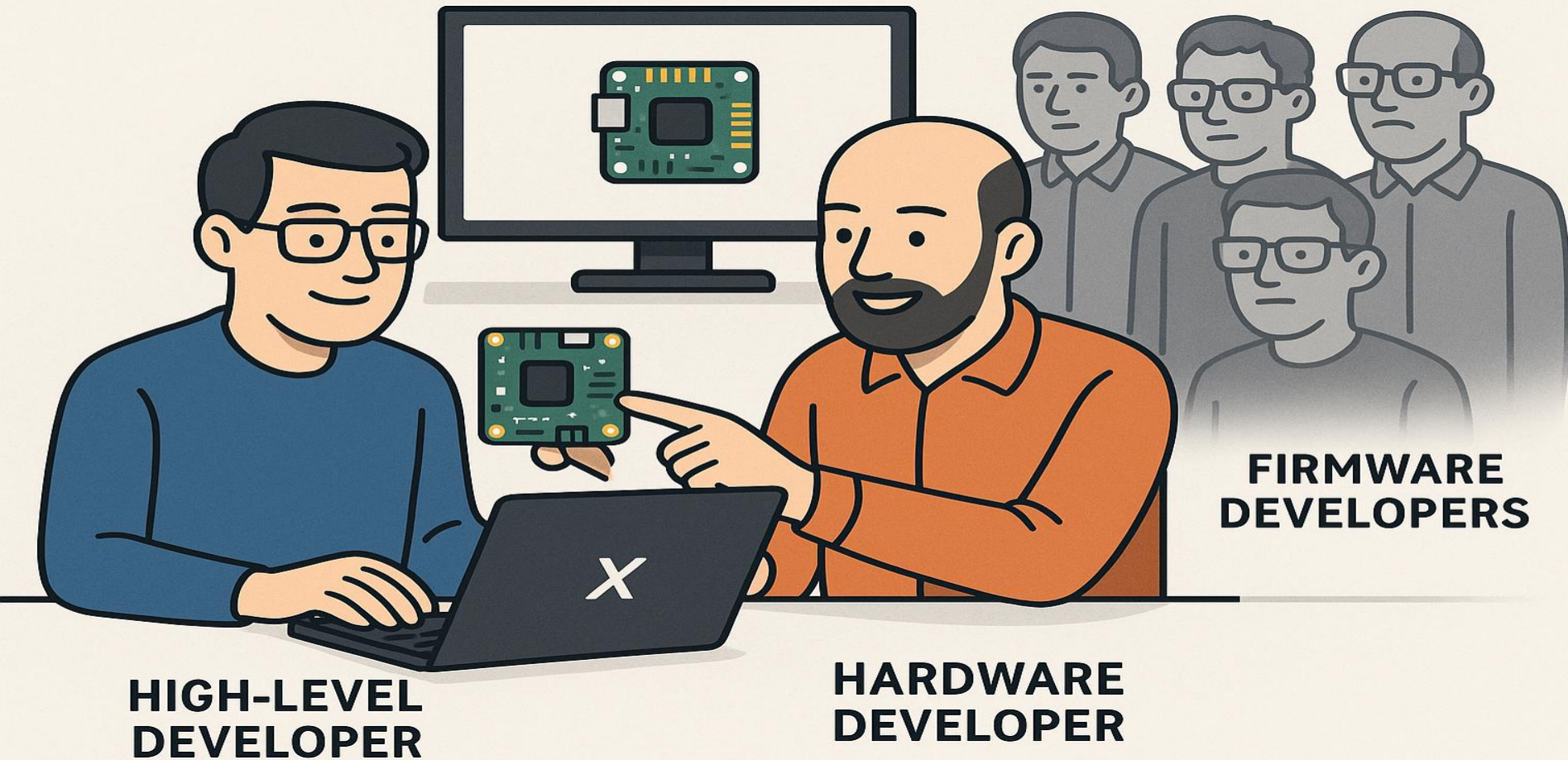


```
1 local function blink()
2     local pin = esp32.gpio(21,"OUT")
3     while true do
4         trace"blink"
5         pin:value(true)
6         coroutine.yield(true) -- Sleep for one timer tick
7         pin:value(false)
8         coroutine.yield(true) -- Sleep
9     end
10 end
11 timer=ba.timer(blink):set(1000) -- Timer tick = one second
```

Uploading /rtl/apps/blink/blinkled.xlua

4: blink
4: blink
4: blink
4: blink
4: blink

Smaller Teams, Faster Results



Develop Devices Without Firmware Developers!

Why This Matters

- ◆ Accelerated time to market
- ◆ Lower development costs
- ◆ Broader talent pool

Where Xedge32 Shines

- ◆ IoT devices
- ◆ Industrial control systems
- ◆ Smart consumer electronics

Empower Your Developers

Build the Future

- ◆ Visit <https://realtimelogic.com/xedge32.lsp>
- ◆ Start prototyping today
- ◆ Let Real Time Logic help you make the leap