It’s not about hacking together old computer parts. But it’s interesting that people seem to think that it is. Think of it as another weapon in the fight against obsolescence. Use this guide to add Open Source Hardware to your toolkit of open source materials and techniques.

**START HERE:**

Your museum has PLENTY of resources for trying new technology...

NO <  YES

...but you have LOTS of ideas to improve the visitor experience!

UM, STILL NO

YES!

IDEAS LIKE...

1. TRACKING VISITORS
2. PLAYING AUDIO/VIDEO
3. MAKING RESPONSIVE EXHIBITS
4. ADDRESSING ACCESSIBILITY

If you meet the OSHW org guidelines, tag your hardware with the OSHW mark:

open source hardware, open source software, open source hardware

NOPE  YES

...and you have experience with OSHW?

You can print your own boards!

AND YOU CAN BRAND IT X

OSHWH?

Really???

YES!

TELL ME HOW

BUT... WHY?

Yeah, of course! I DO THAT

Because it helps cut other museums, supports the community, and fits with your ethics & charter.

(We talk about it... in our paper.)

Did you share your designs?

YES, OF COURSE!

(Yes, we love it.)

Does anyone else in your museum want to try with you?

YES, I DON'T KNOW HOW

 там же (опять)

TOTA

RFID?

blob-tracking?

HAPP button?

beacons?

IR sensing?

...power switch?

touch capacitance?

simple IR

tracking

camera

tracking

simple video player

accessible sound player

data-driven lights

printing OSHW boards

MORE! tutorials & resources

Say hello!

(We get excited about OSHW!)

Electronics can be tricky; while the internet is useful, you should doublecheck tutorials (or StackOverflow answers) that don’t make sense to you. Some trustworthy sources we recommend: arduino.cc learn.adafruit.com sparkfun.com/tutorials Make: projects (+books)

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(There are many ways to approach your ideas!)