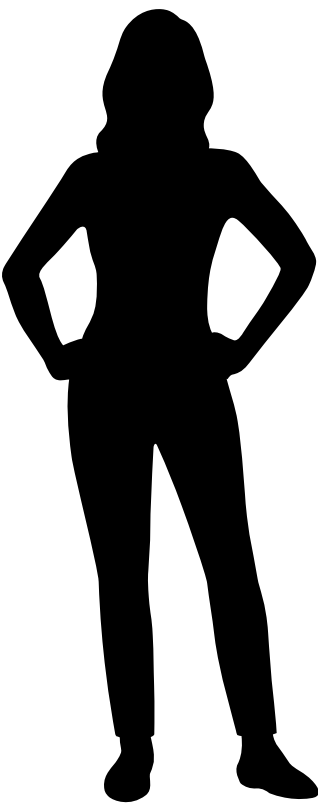


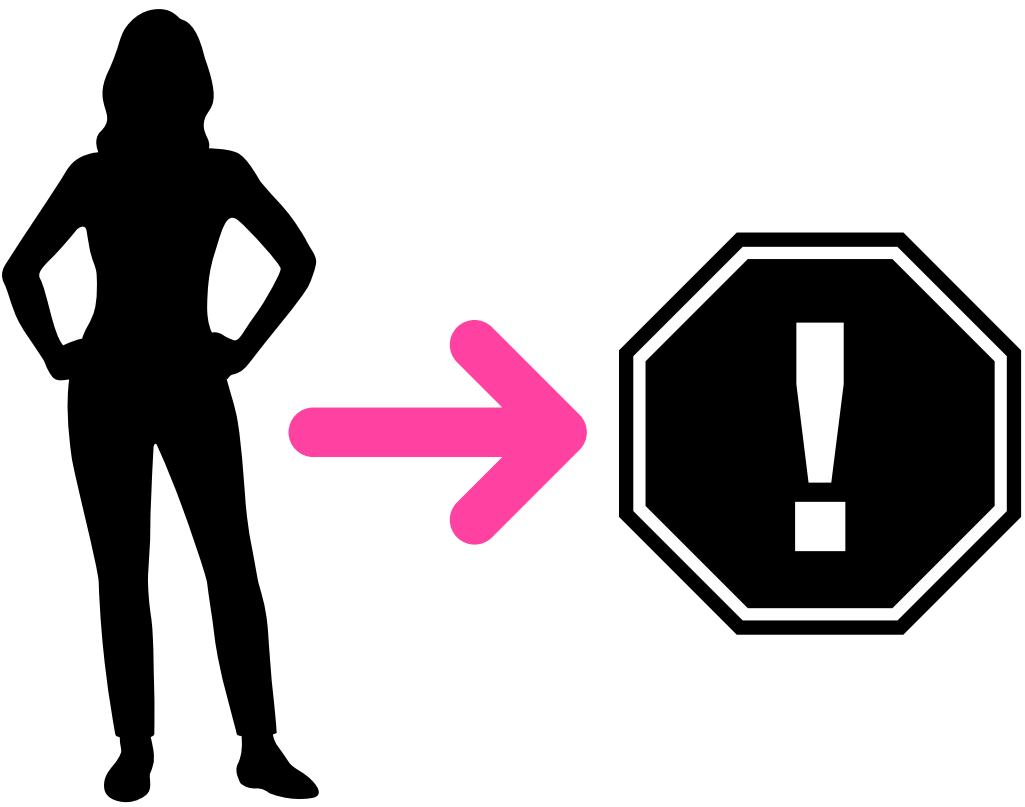
Making Connections

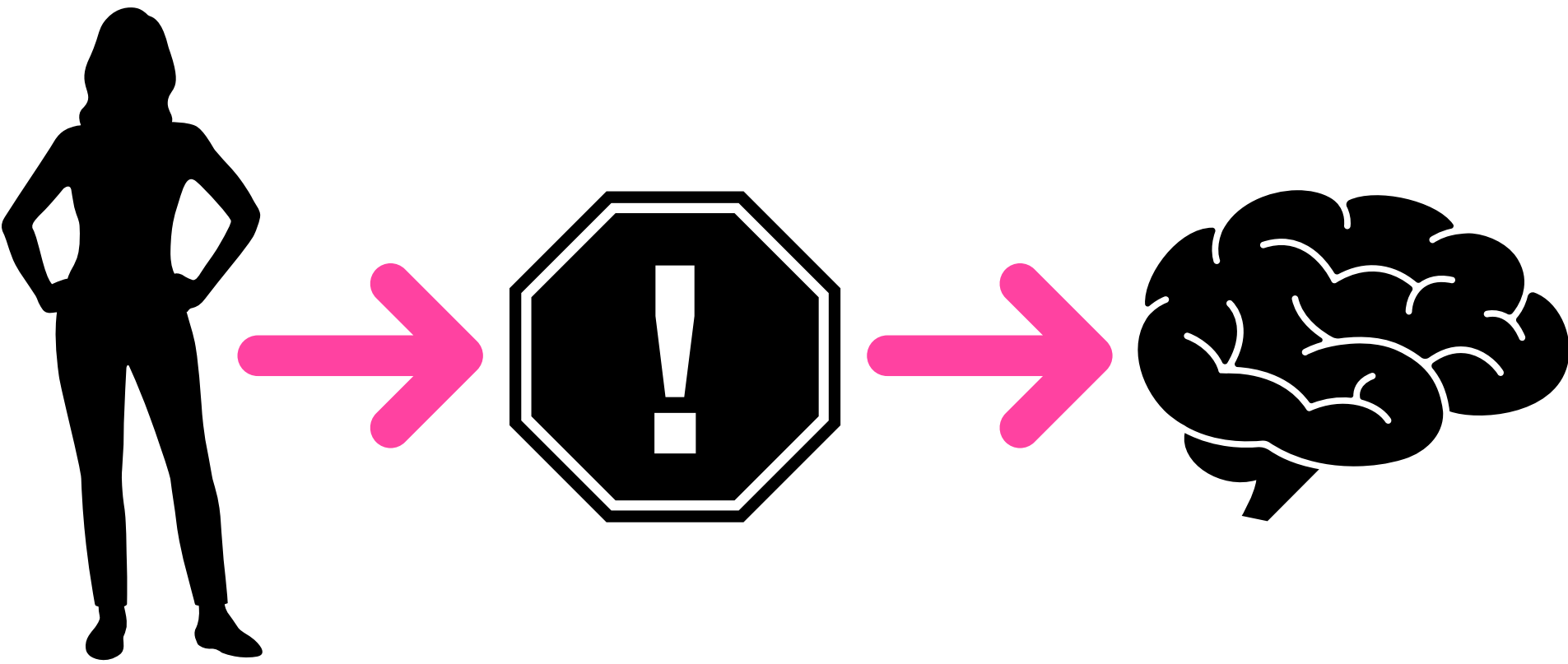
Focusing on problems instead of solutions

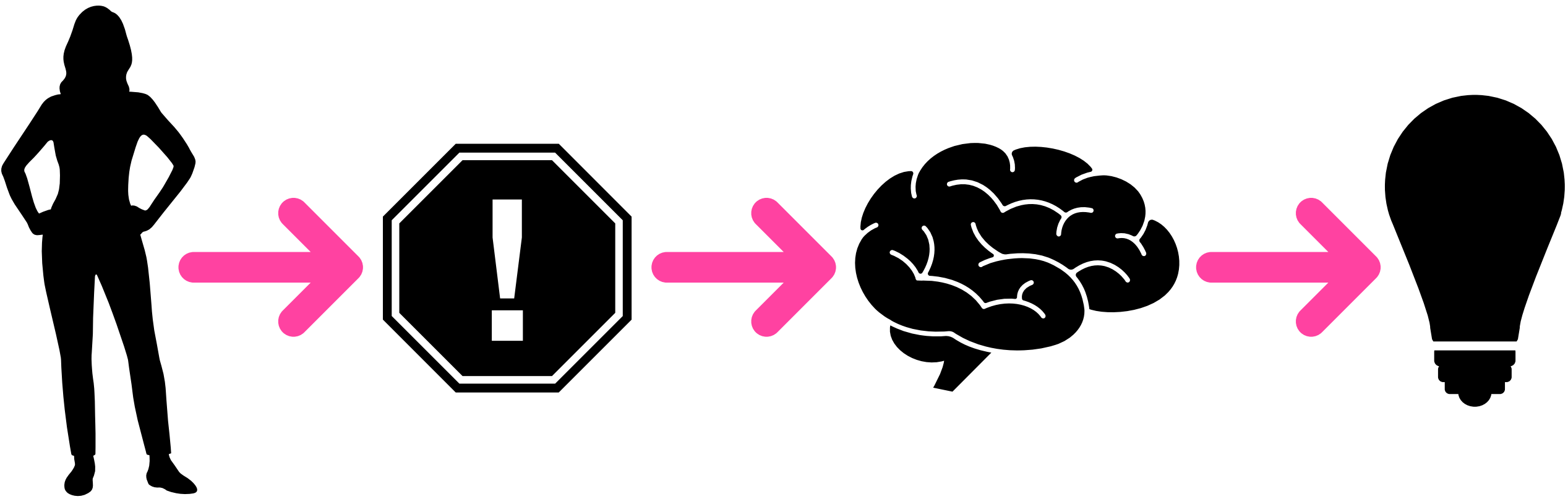
Mara Bos (RustNL, 7 May 2024)

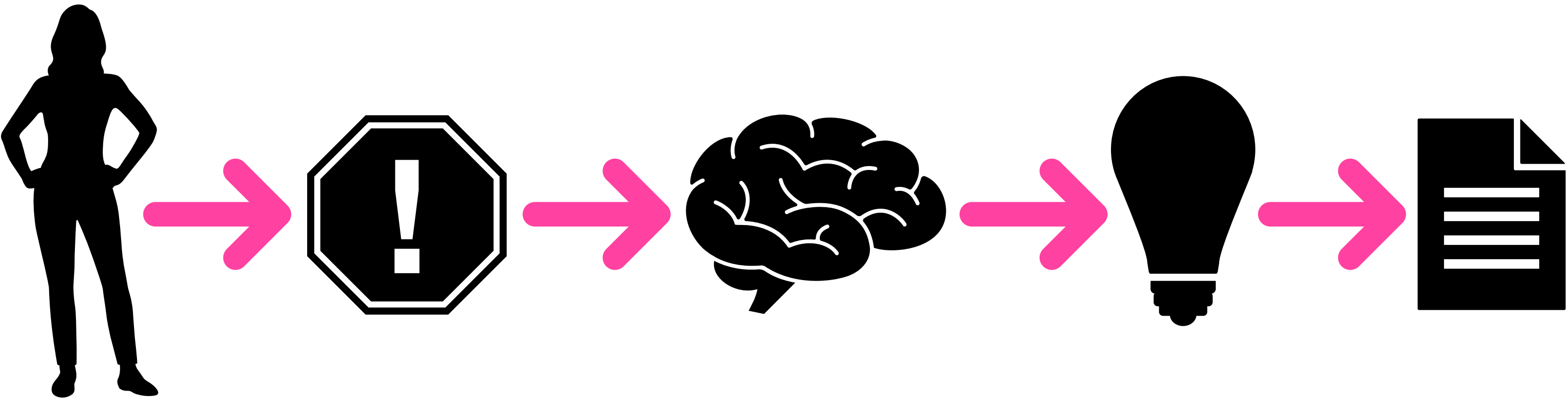
Evolution of the Rust language

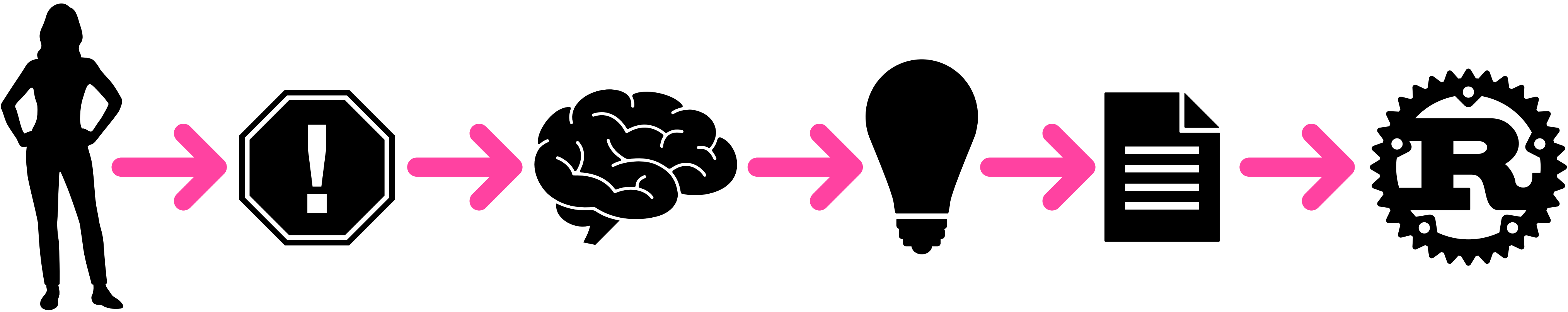


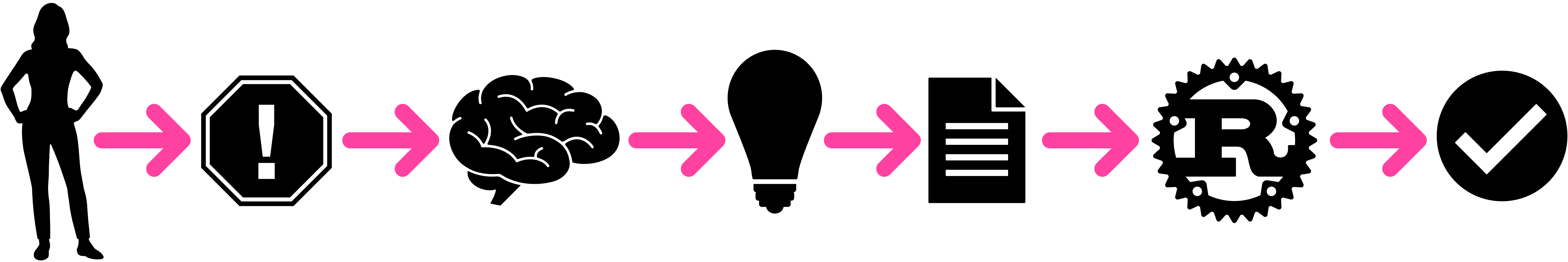


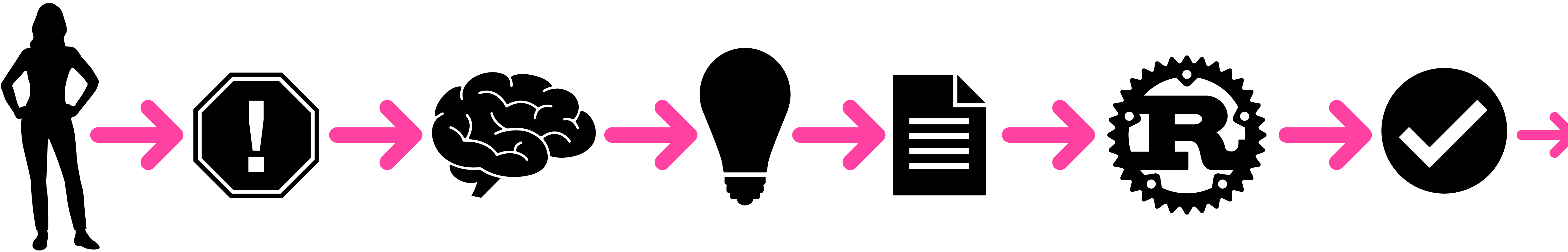




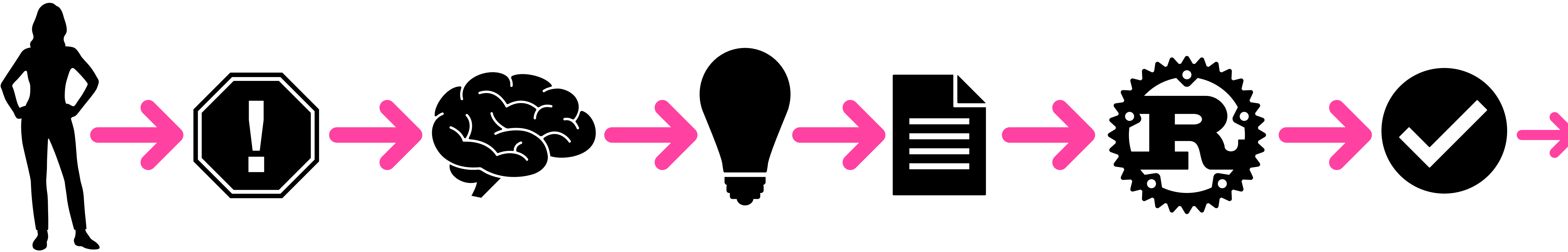


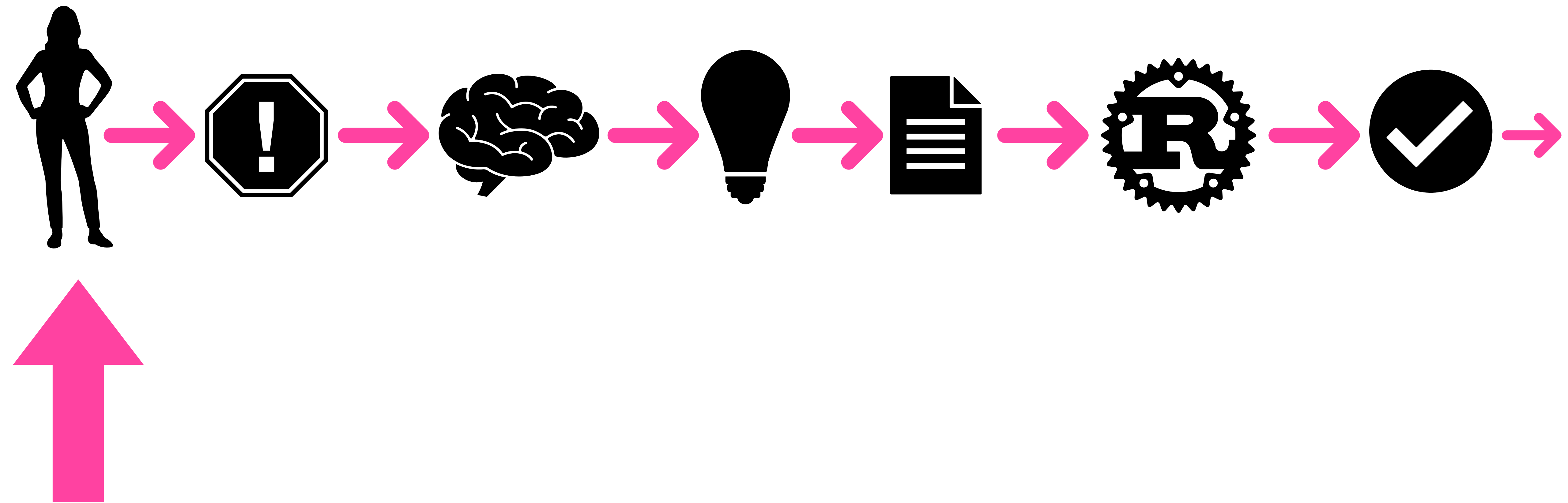


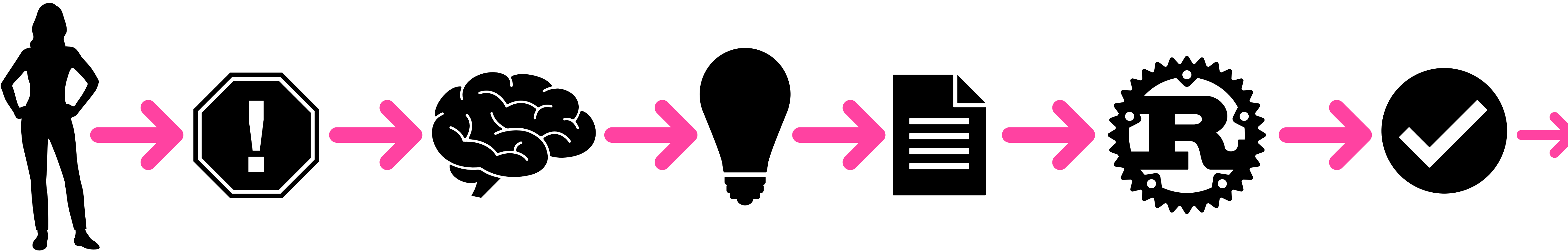


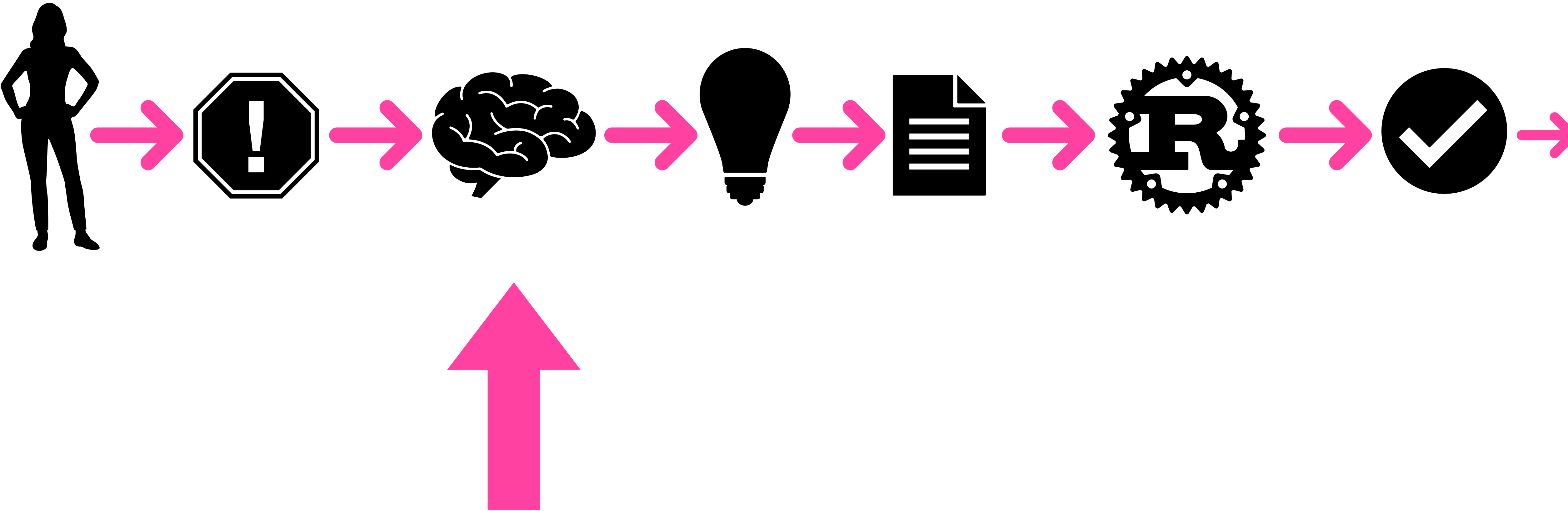


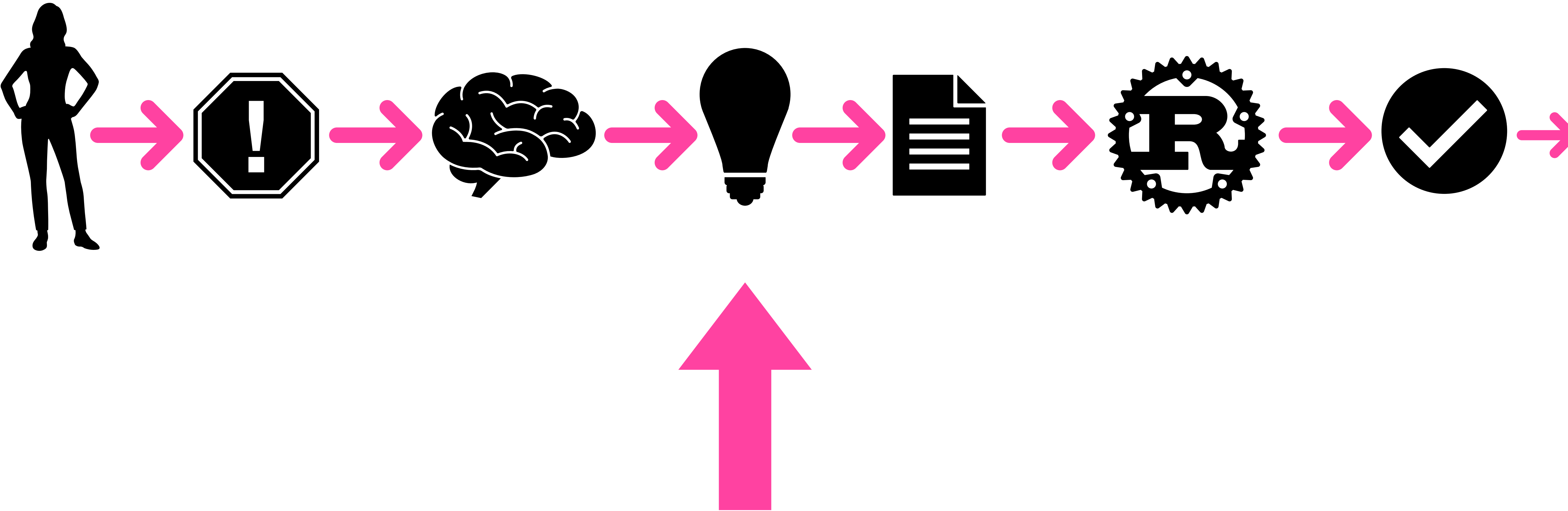
Show of hands

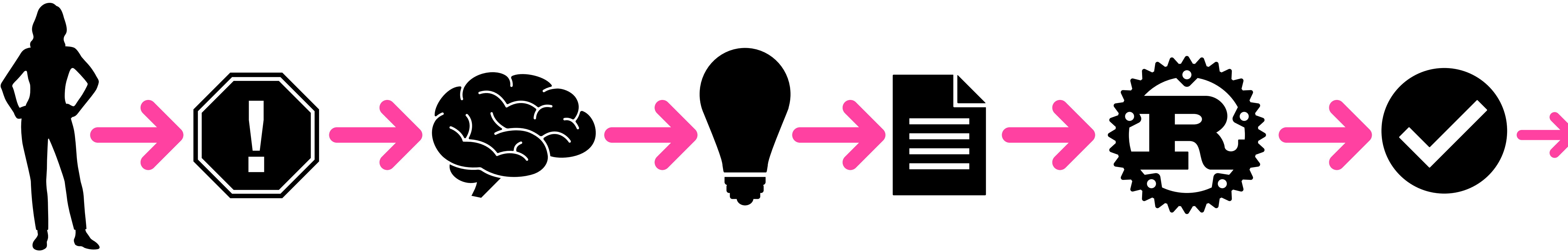


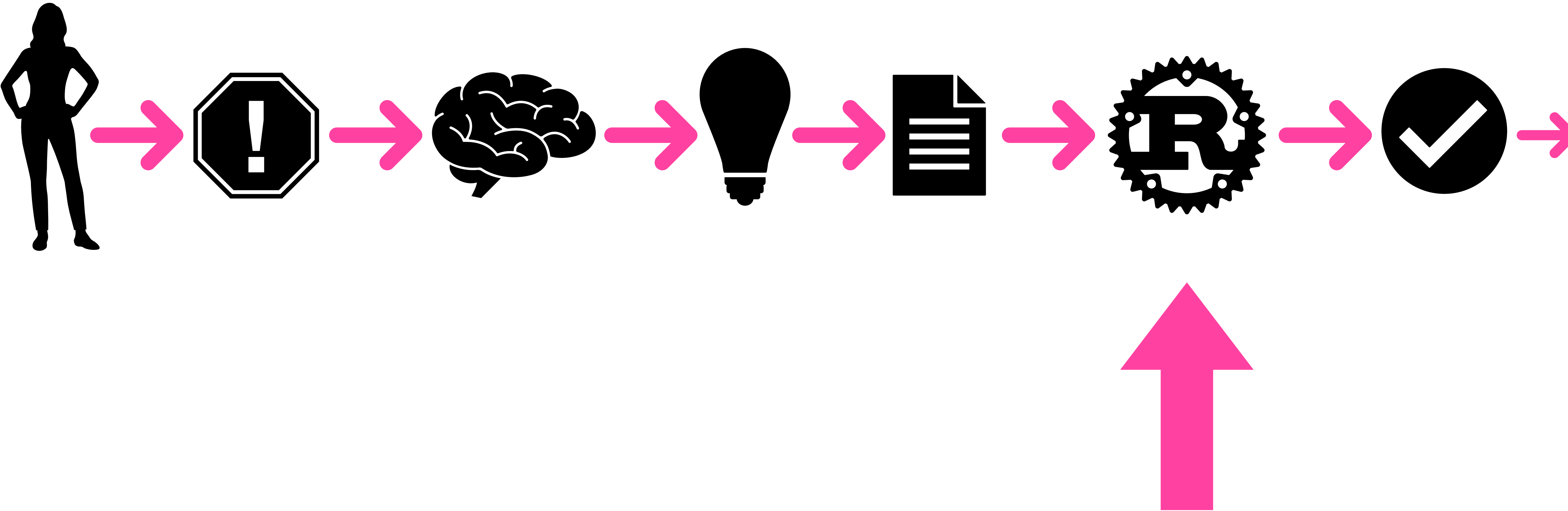


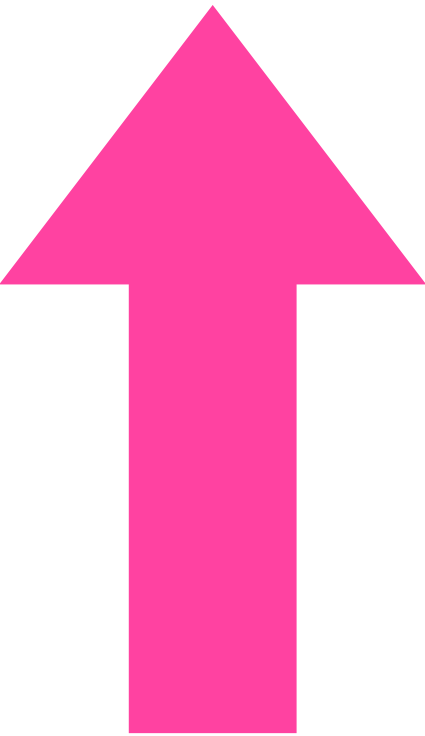
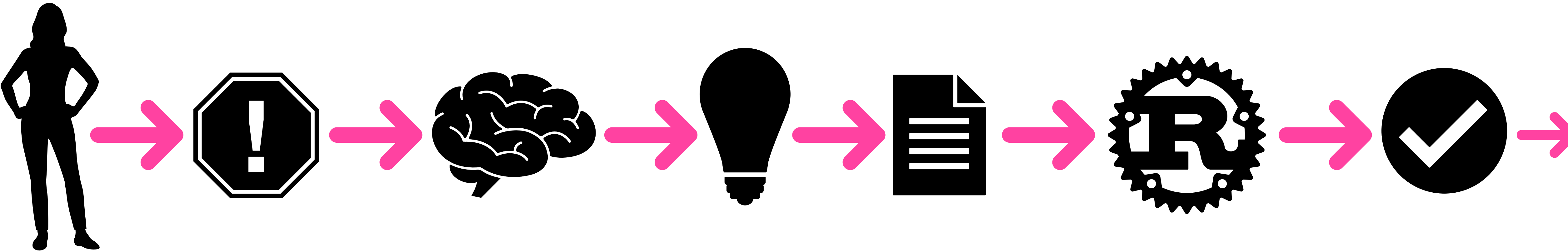




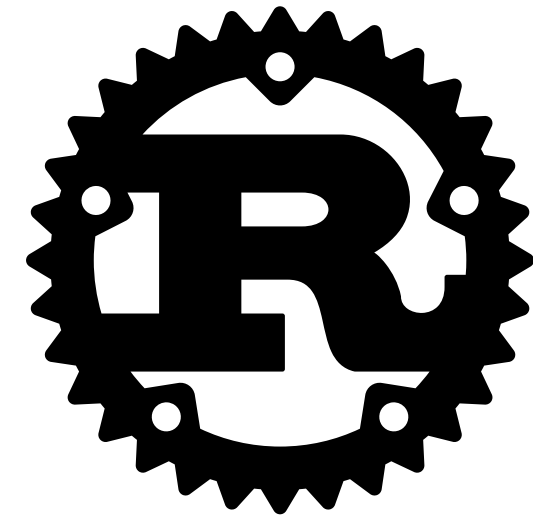
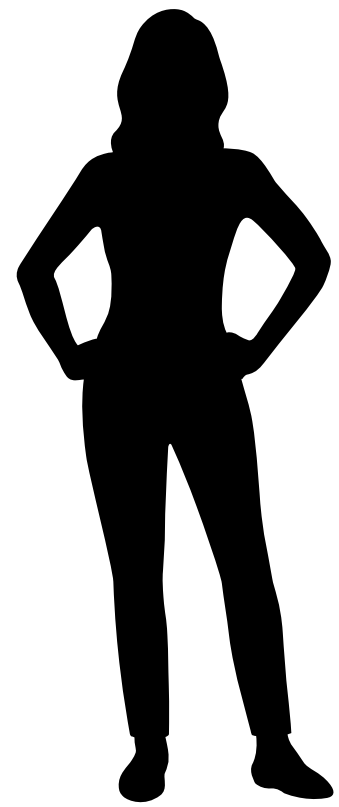


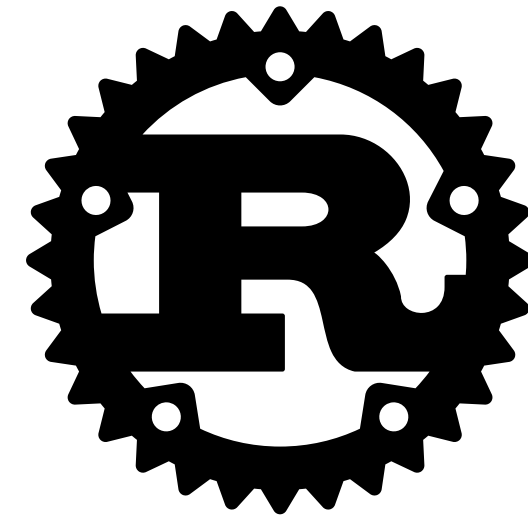
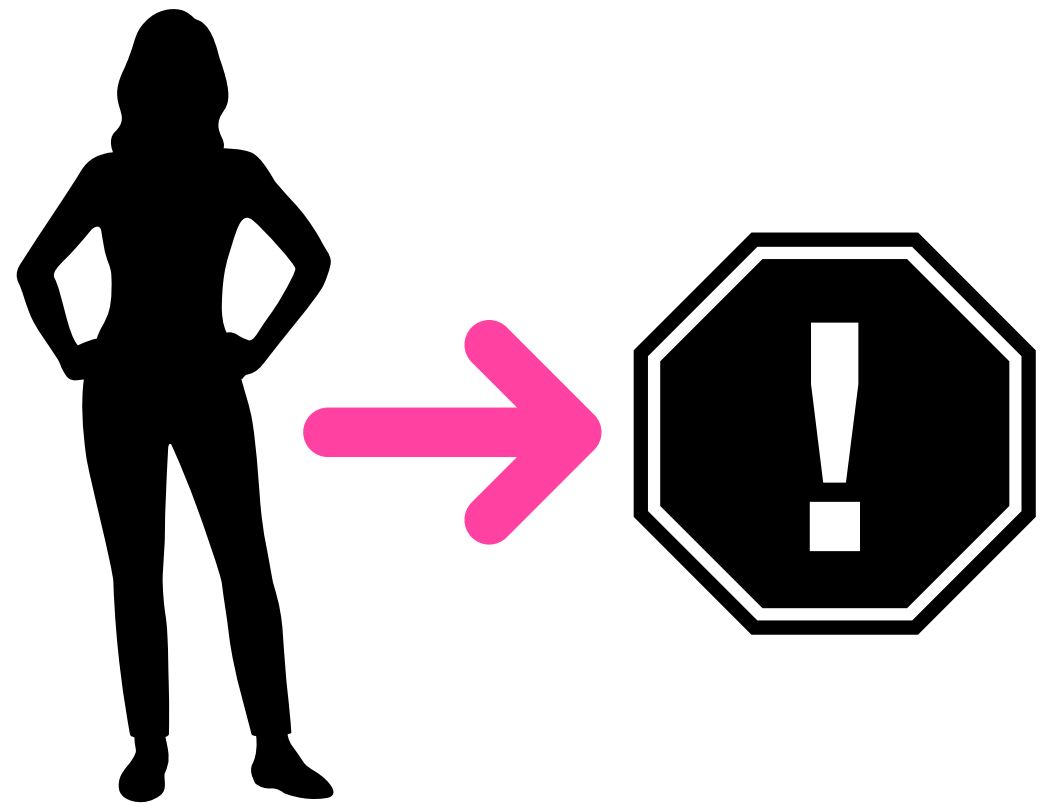


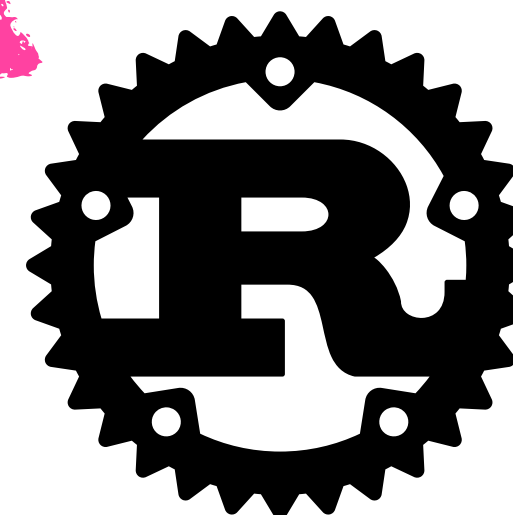
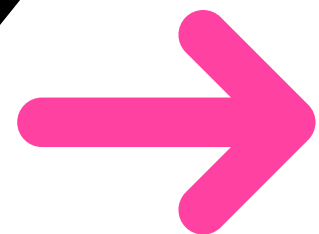
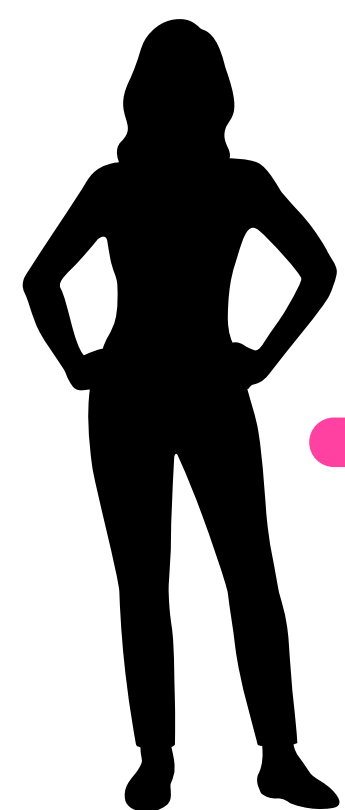


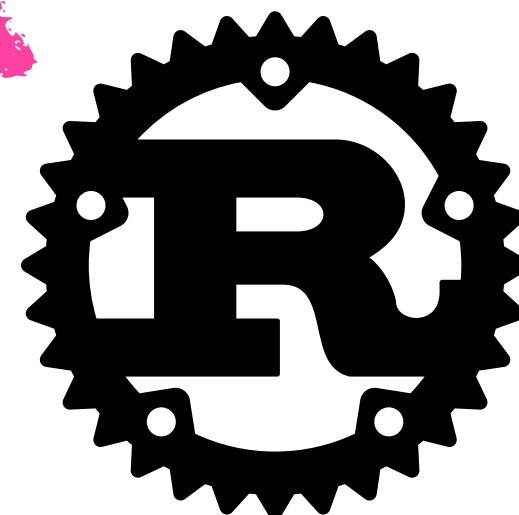
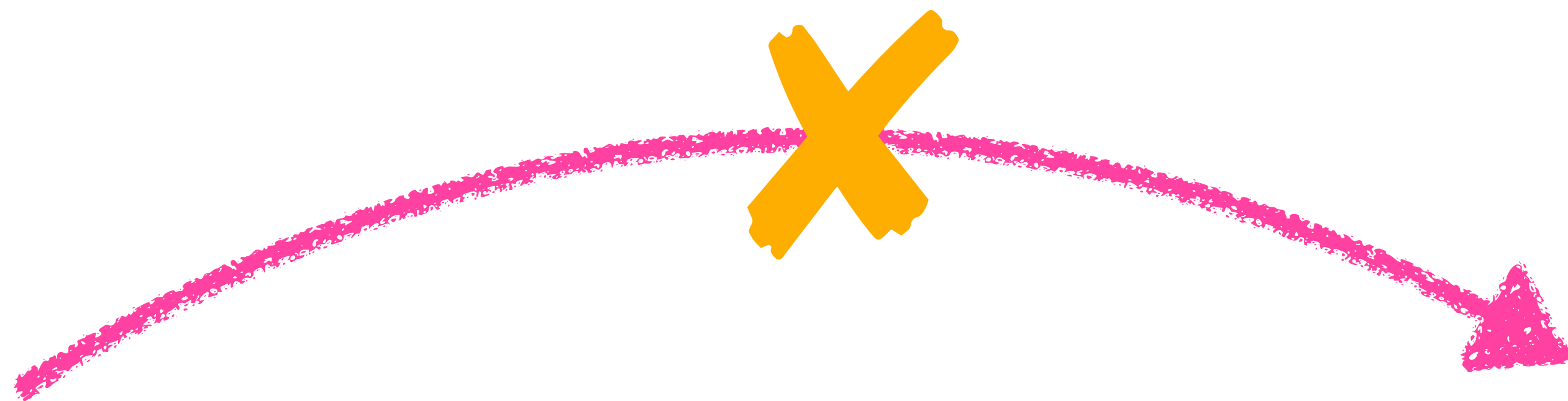
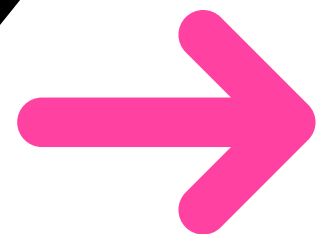
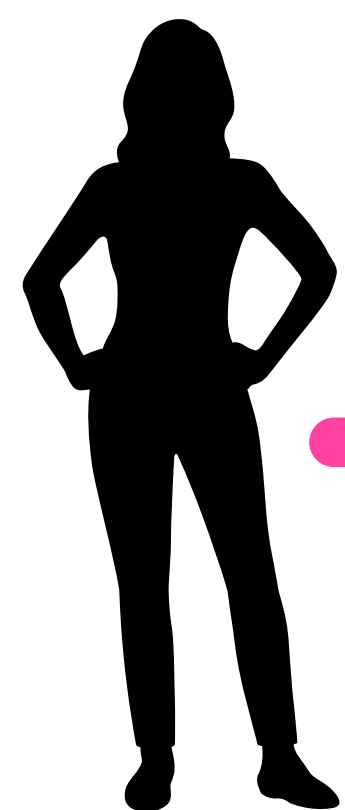


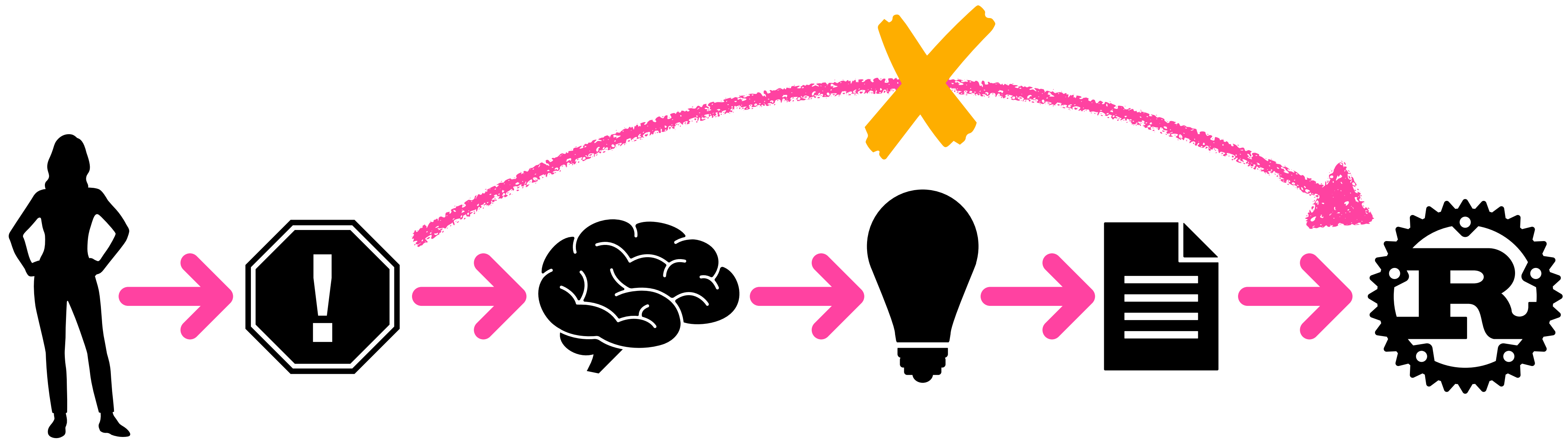
What happens in reality

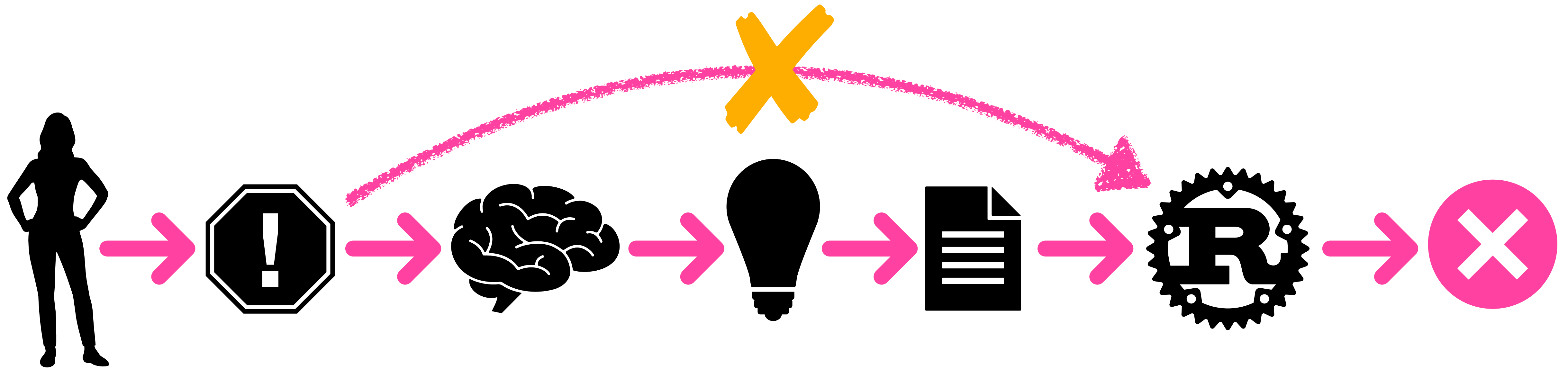


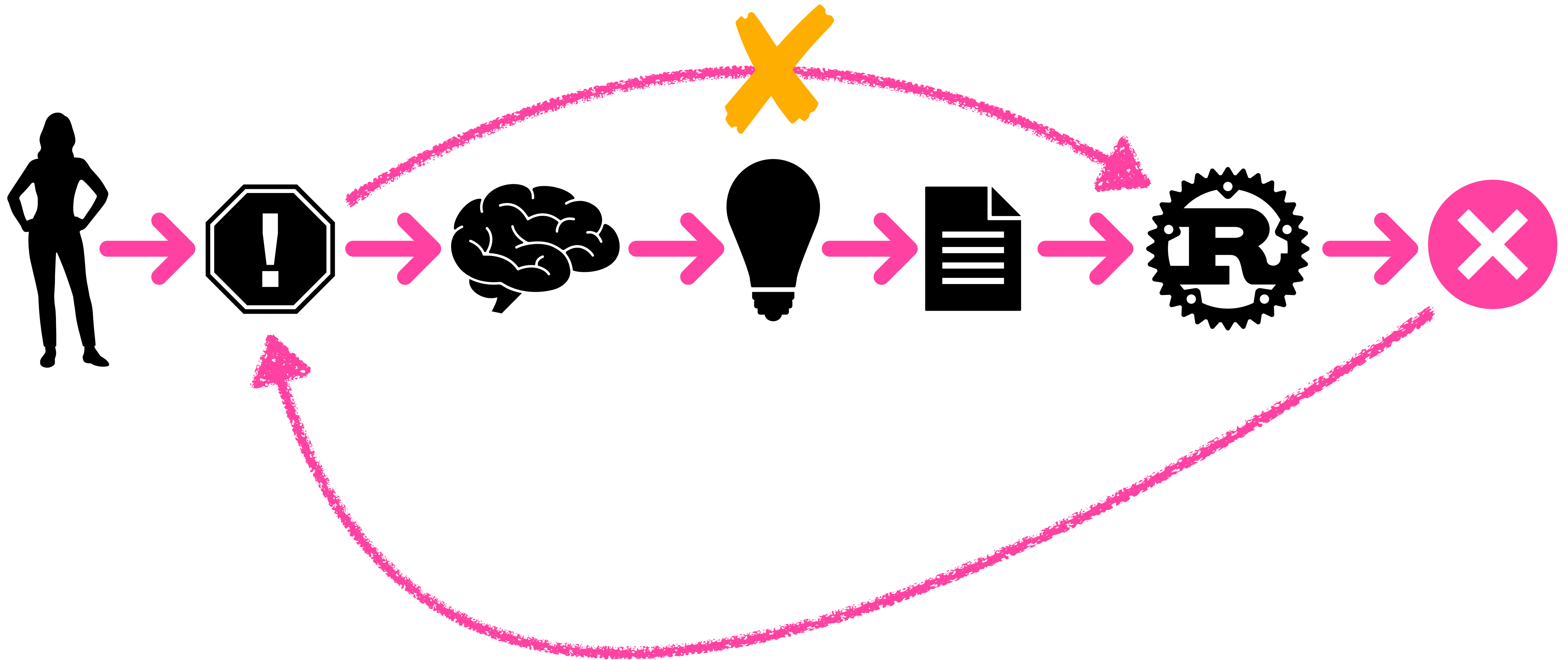


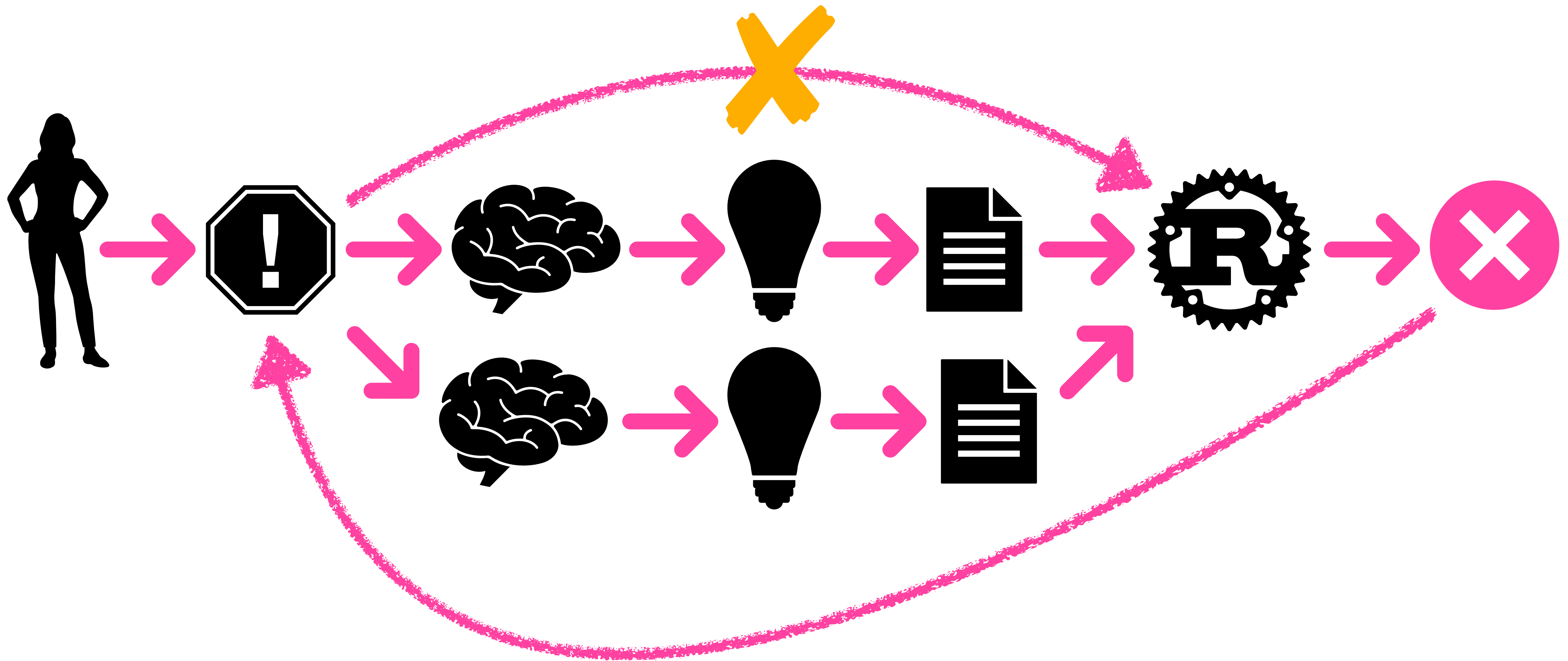


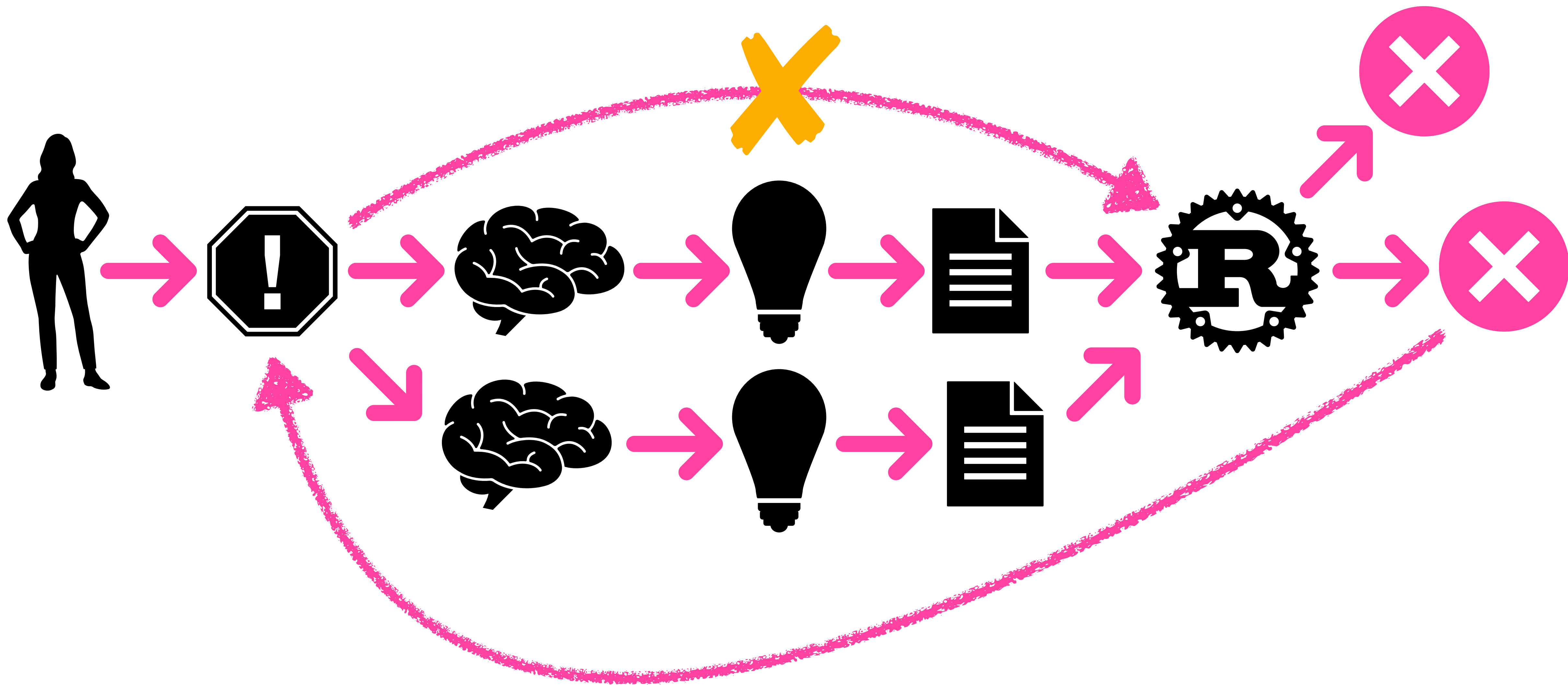


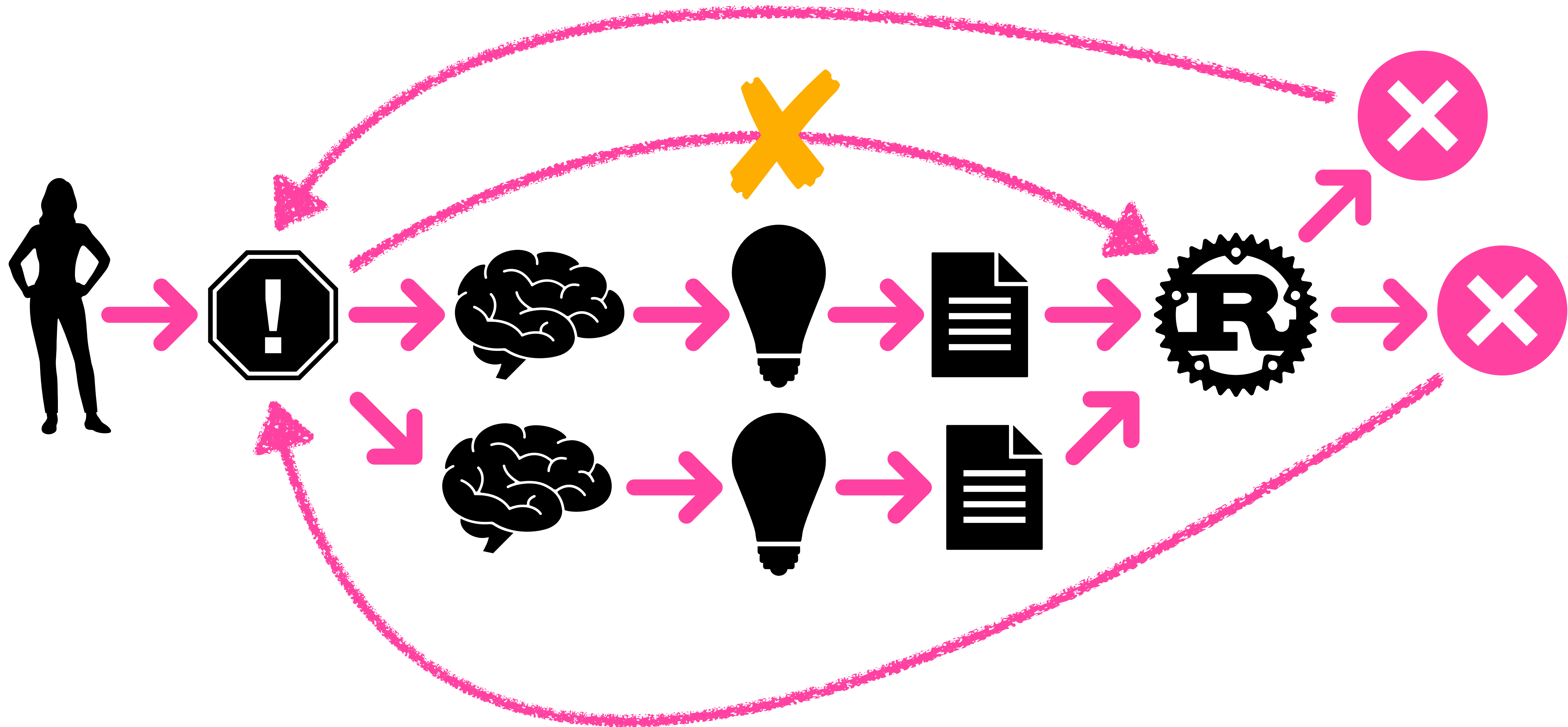


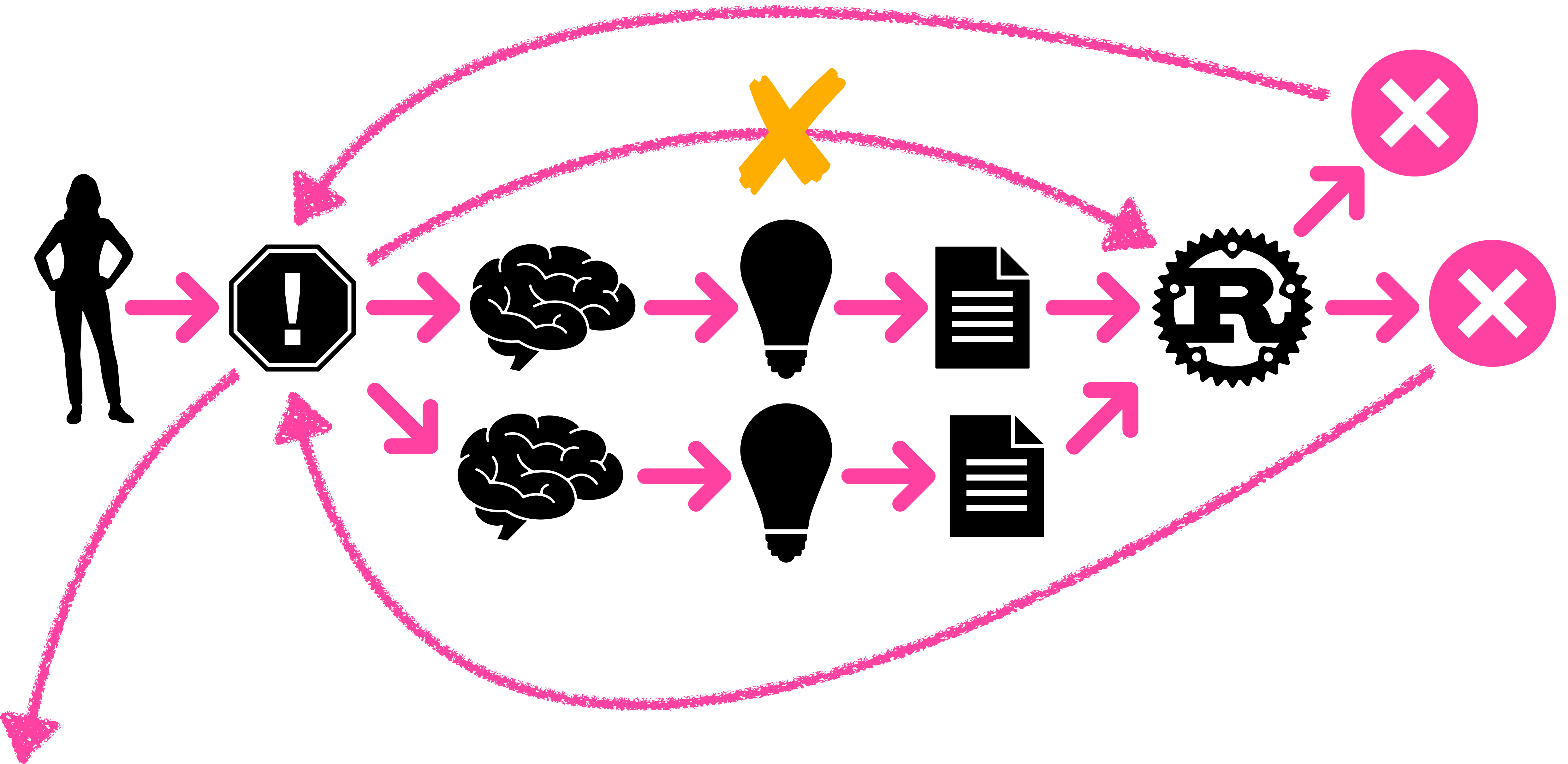


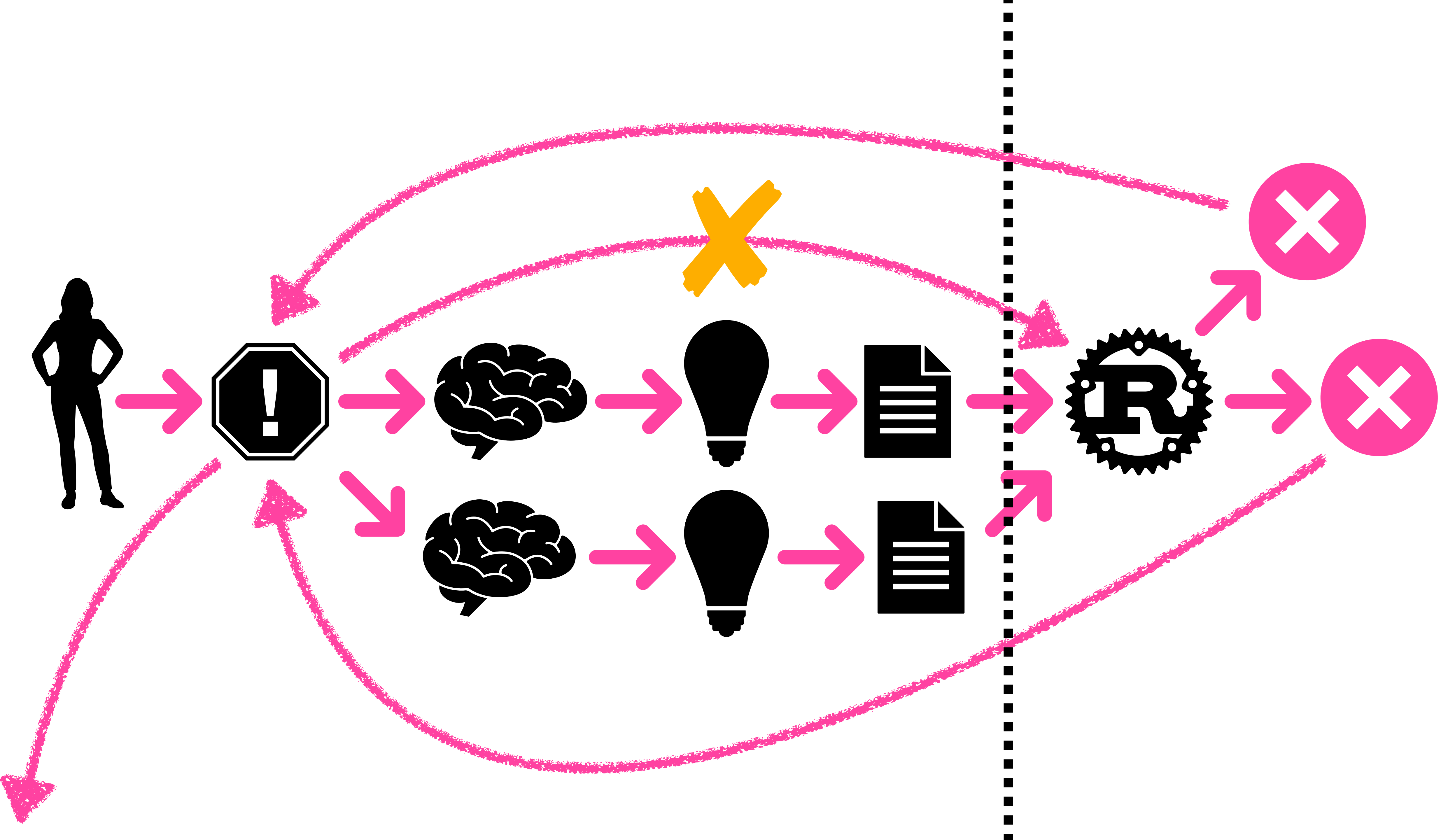




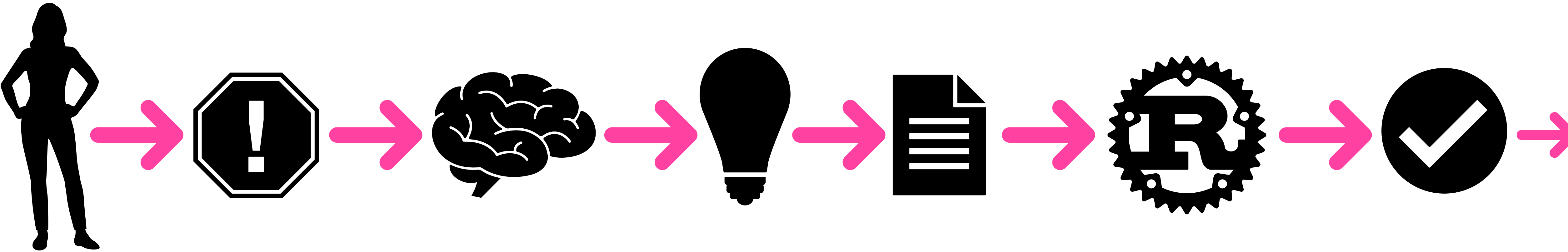


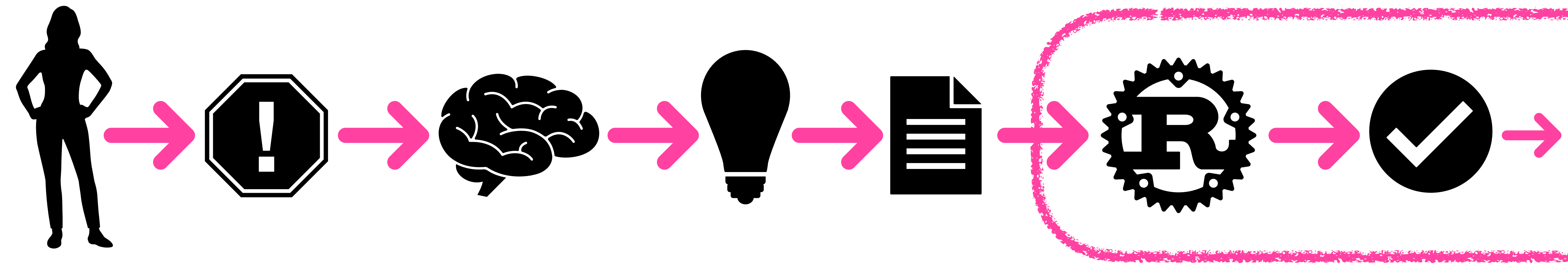




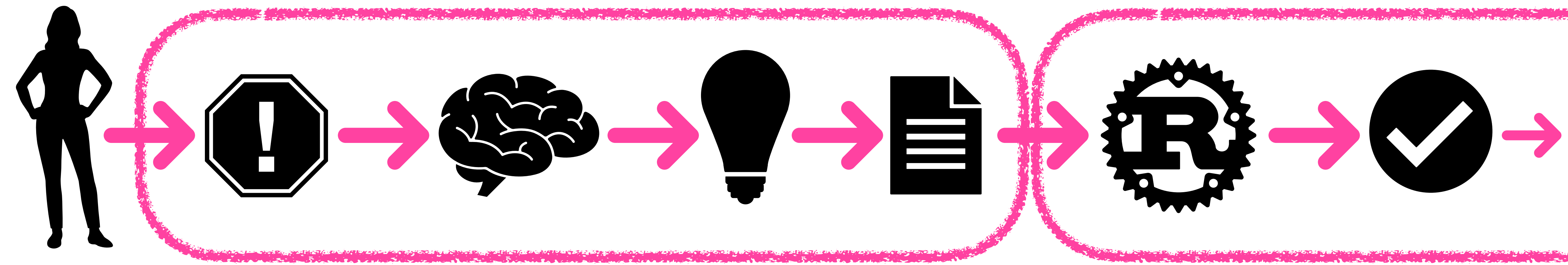


Untracked work





tracked



untracked

tracked

What we could track

What we could track

If we had unlimited time and energy

What we could track

If we had unlimited time and energy

- Problem statements

What we could track

If we had unlimited time and energy

- Problem statements
- Negative results

What we could track

If we had unlimited time and energy

- Problem statements
- Negative results
- Partial results

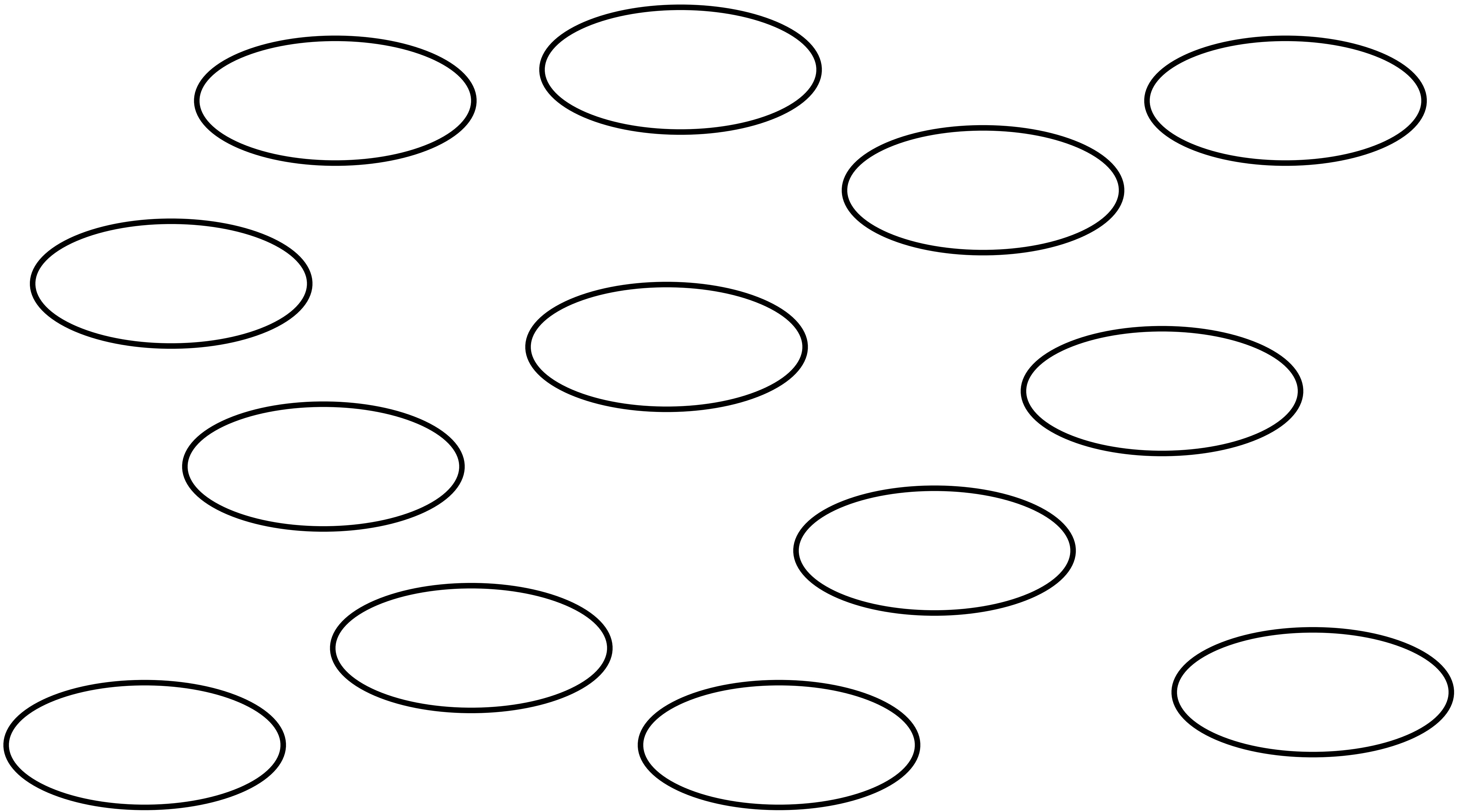
What we could track

If we had unlimited time and energy

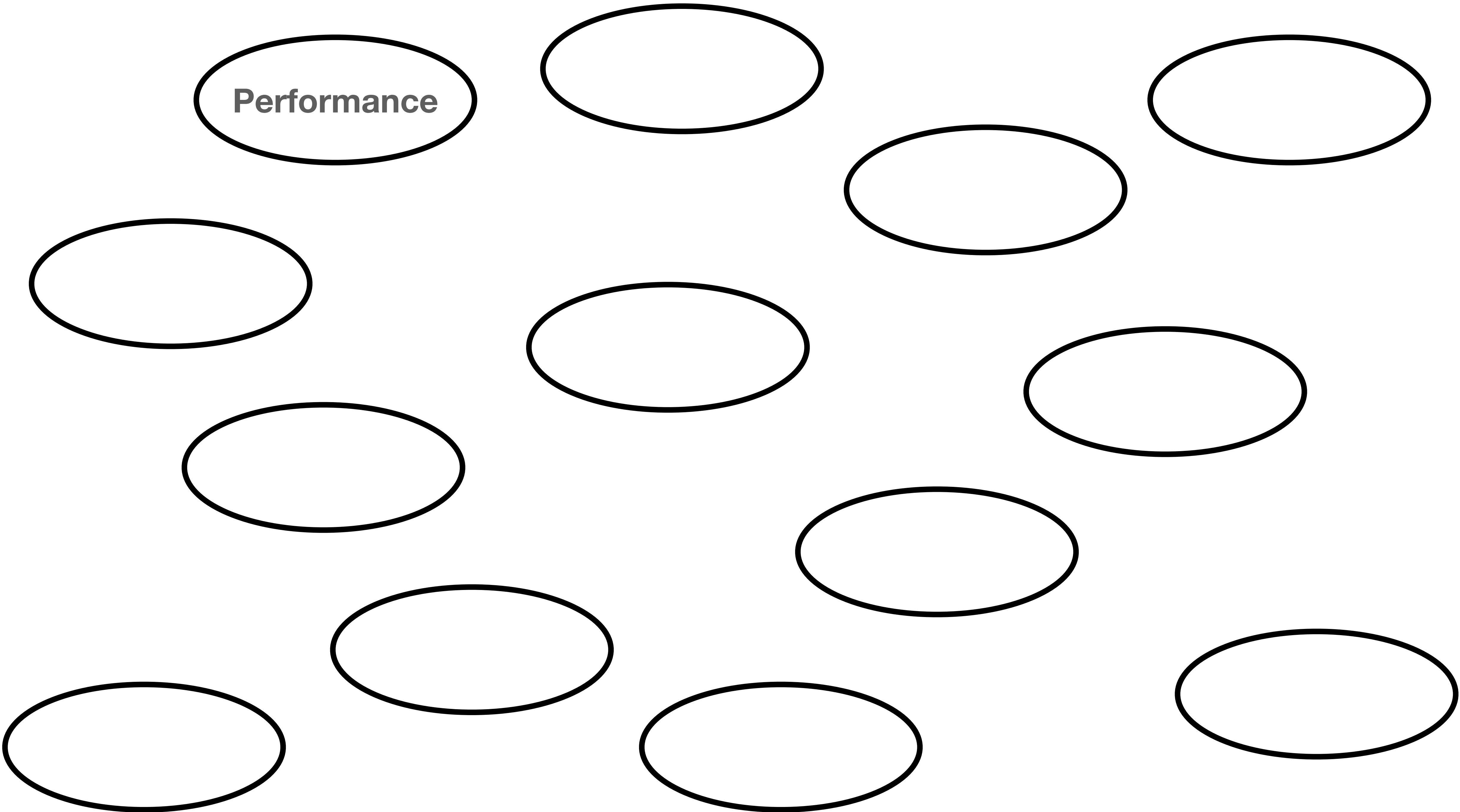
- Problem statements
- Negative results
- Partial results
- User research

That's a lot of work

Imagine *we did* track problems

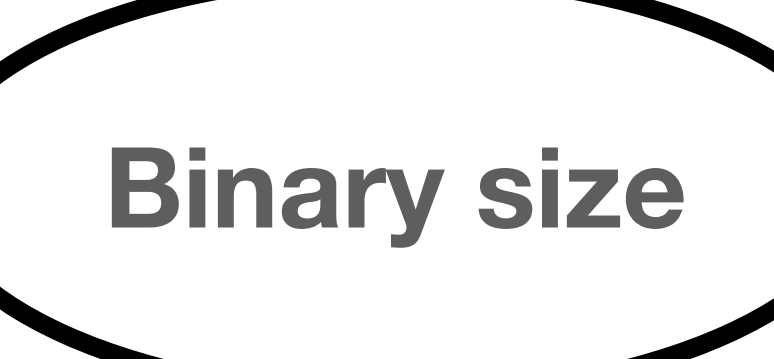


Performance

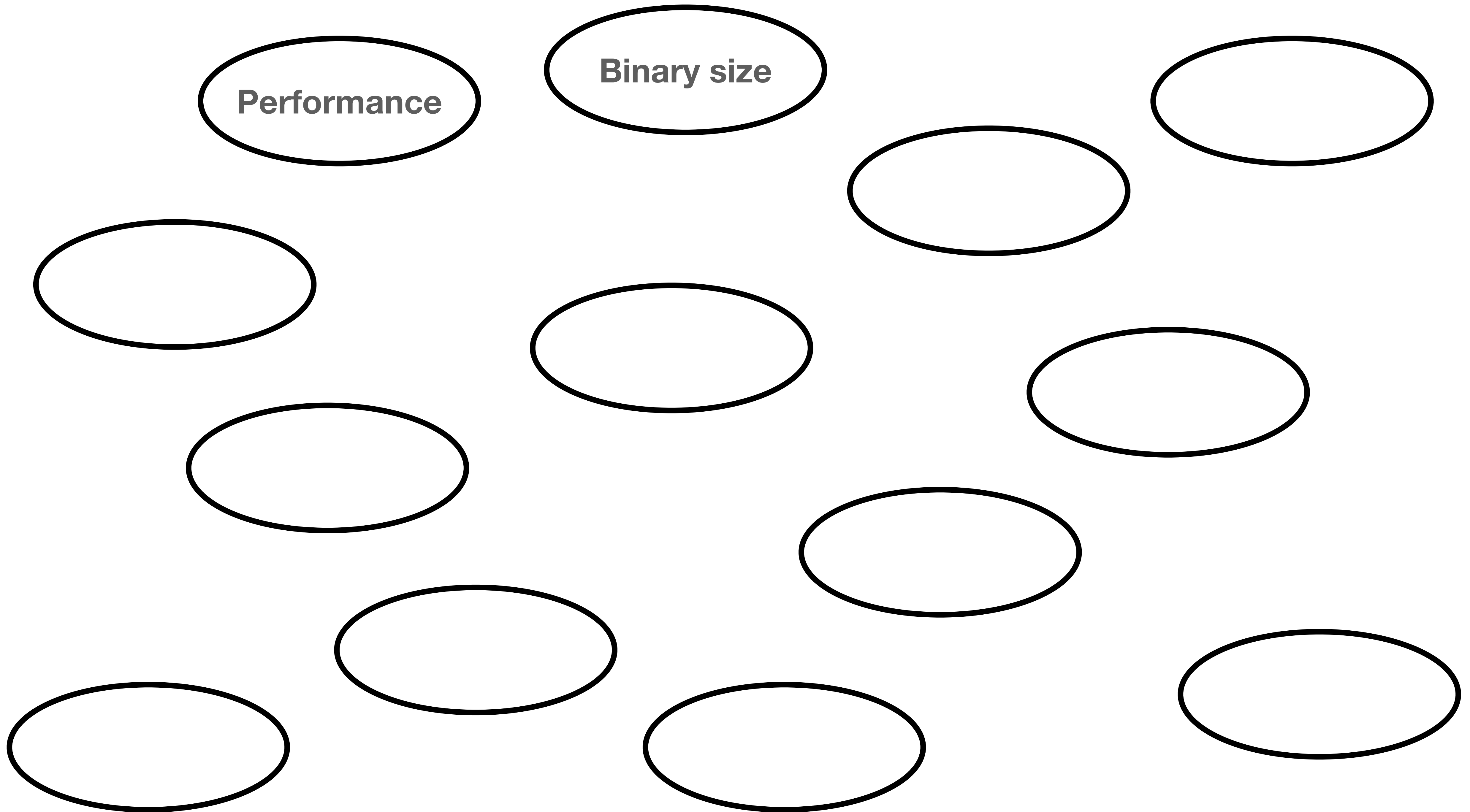


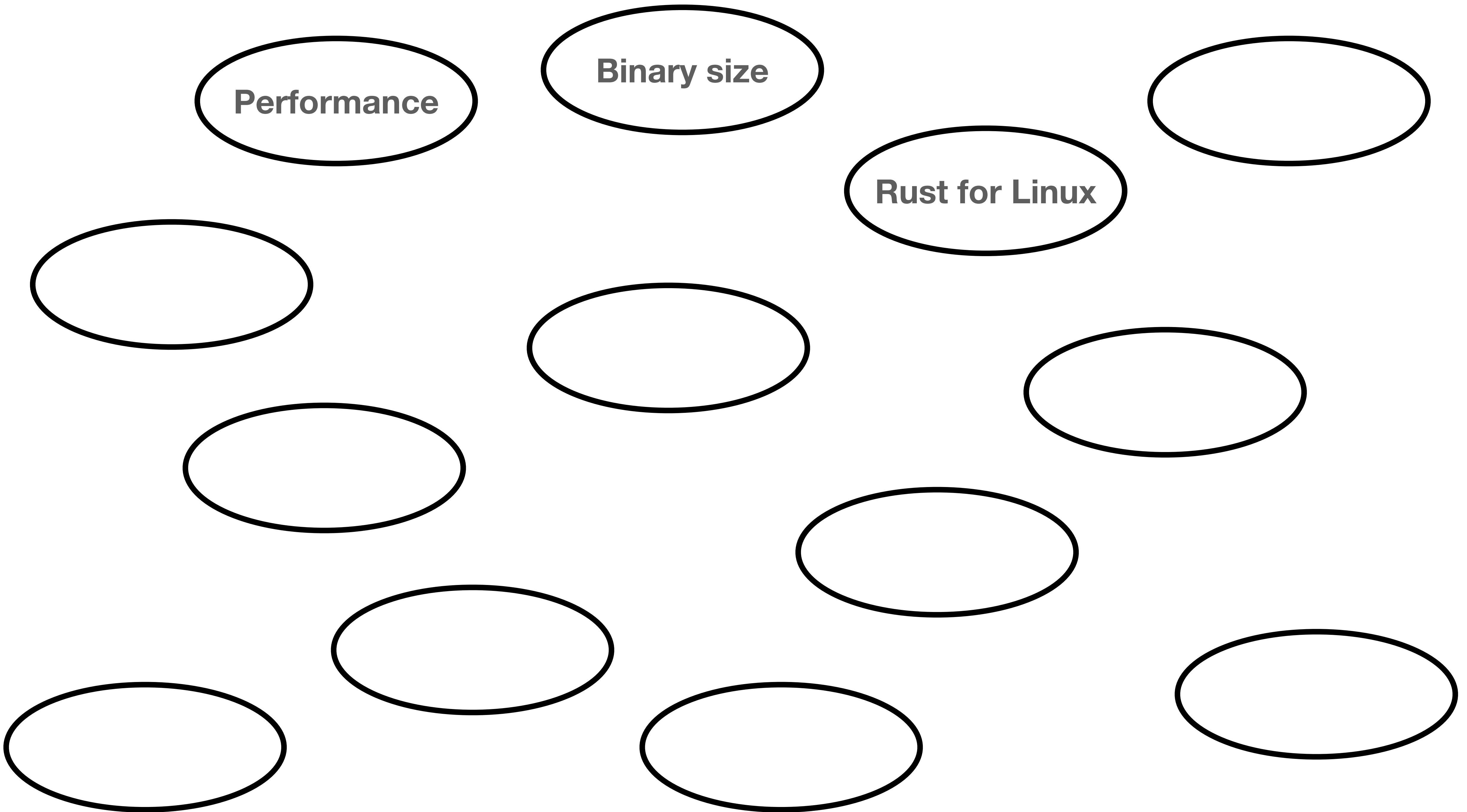


Performance



Binary size



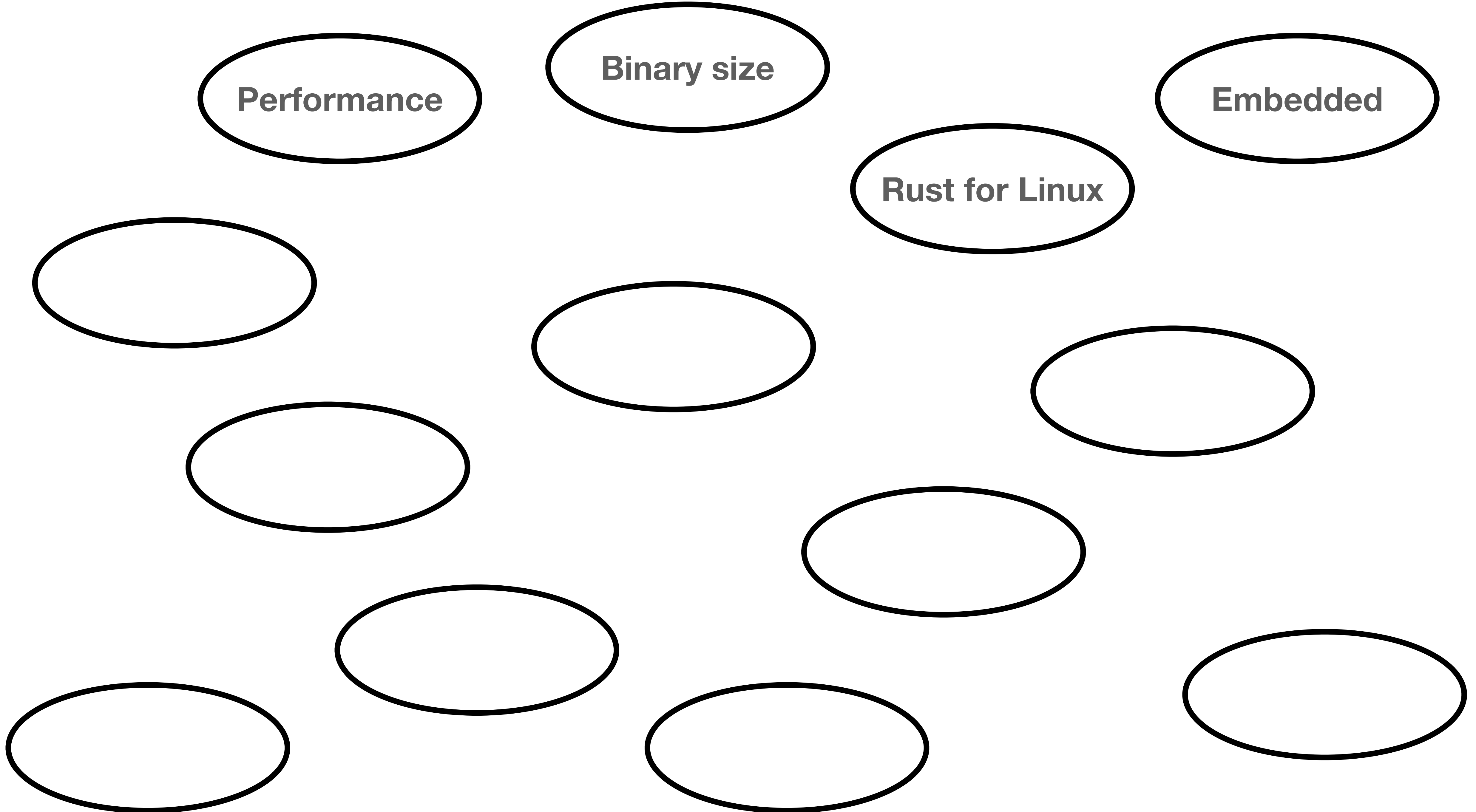


Performance

Binary size

Embedded

Rust for Linux



Performance

Binary size

Embedded

Rust for Linux

**mutex
poisoning**

Performance

Binary size

Embedded

Rust for Linux

C strings

**mutex
poisoning**

Performance

Binary size

Embedded

Rust for Linux

C strings

**mutex
poisoning**

extern types

Performance

Binary size

Embedded

Rust for Linux

**efficient string
formatting**

C strings

**mutex
poisoning**

extern types

Performance

Binary size

Embedded

Rust for Linux

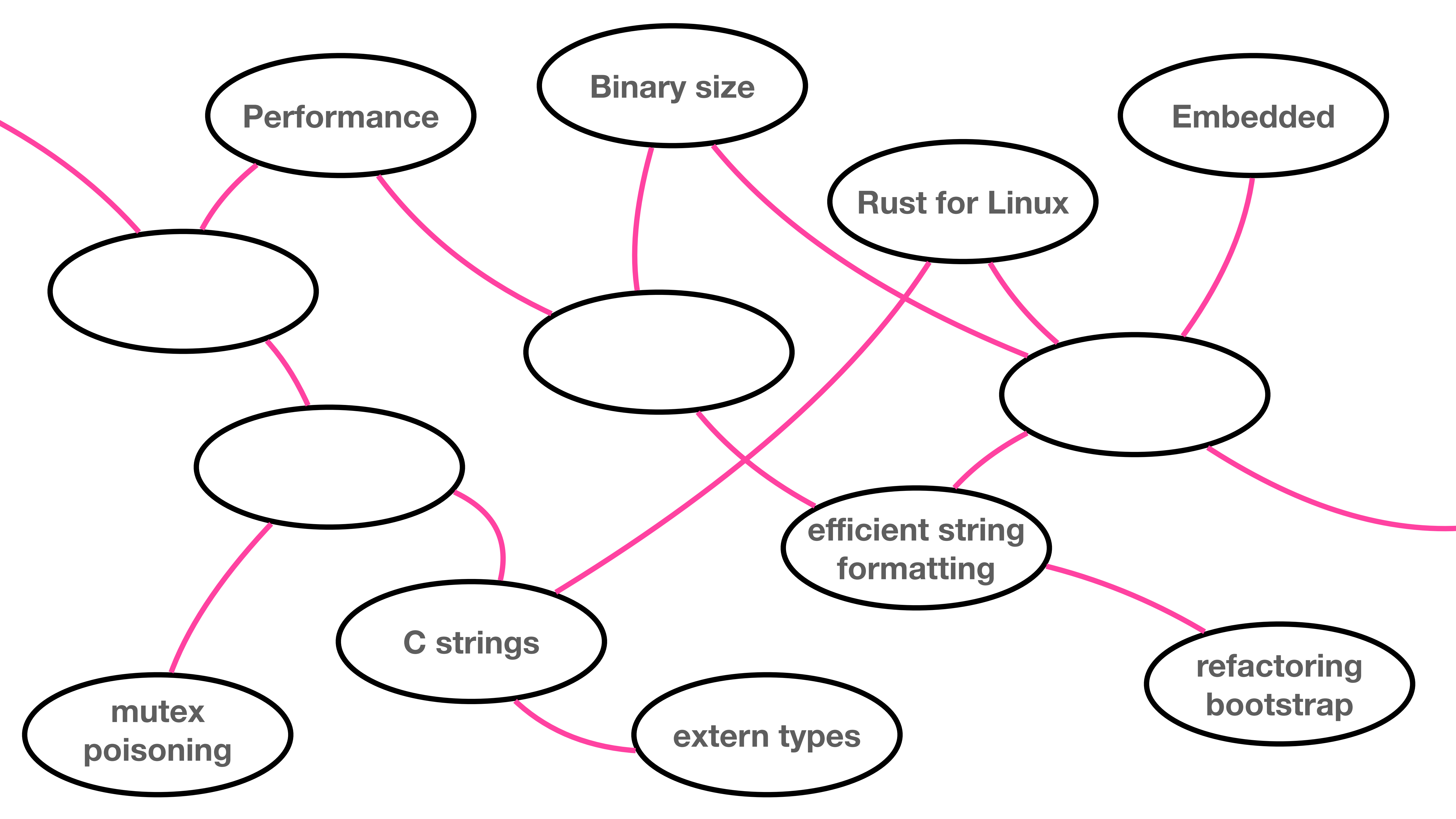
**efficient string
formatting**

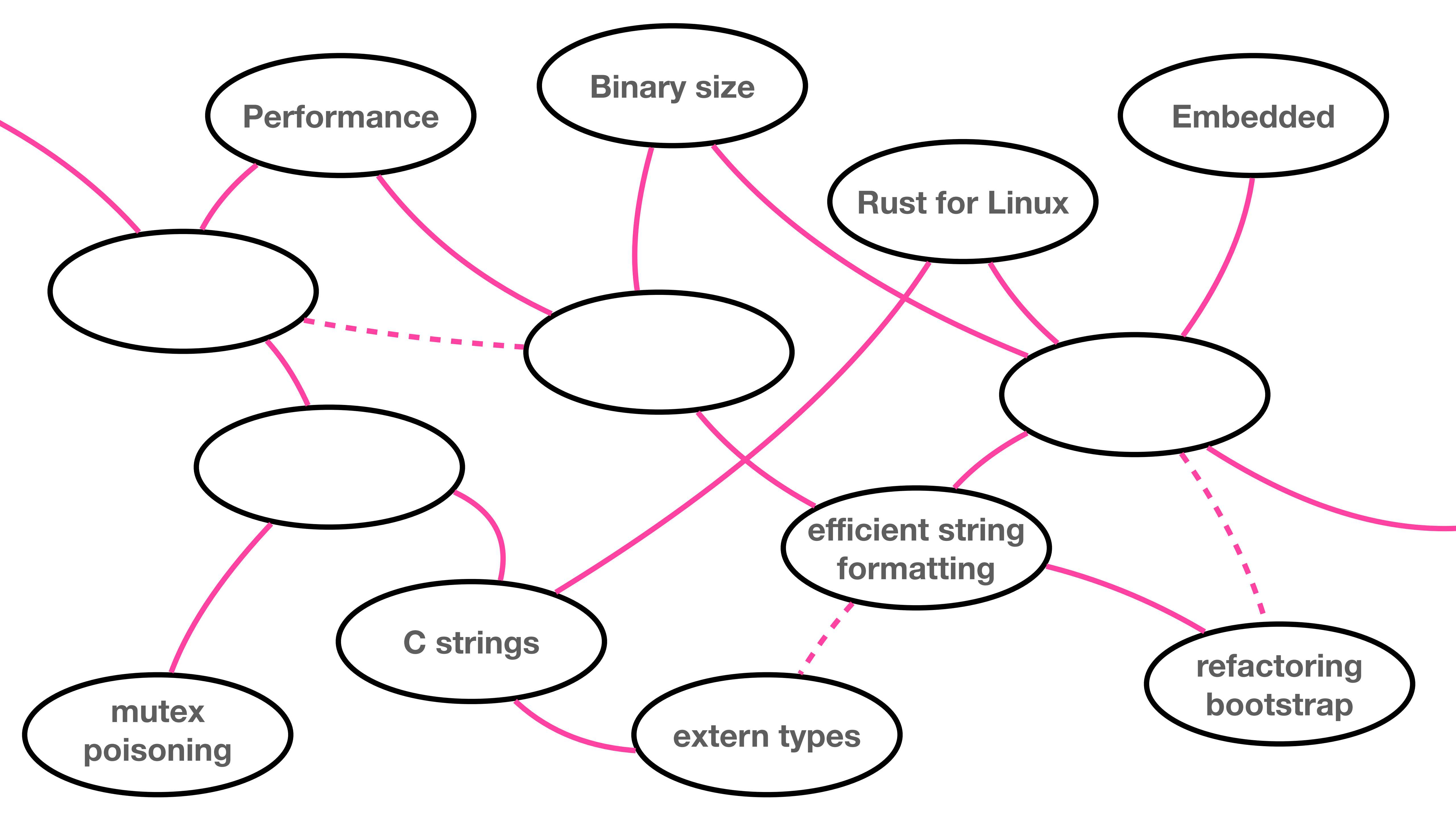
C strings

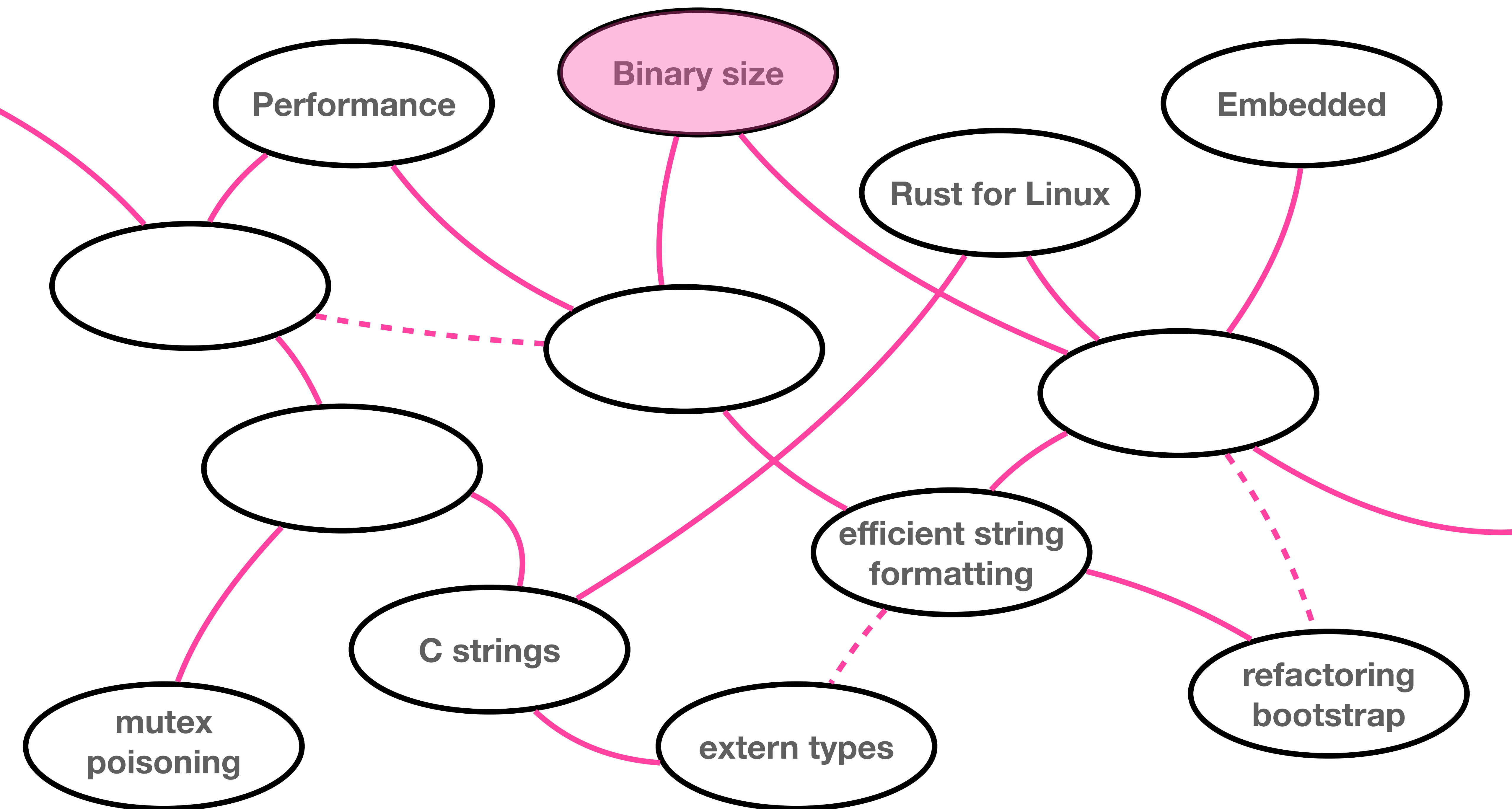
**refactoring
bootstrap**

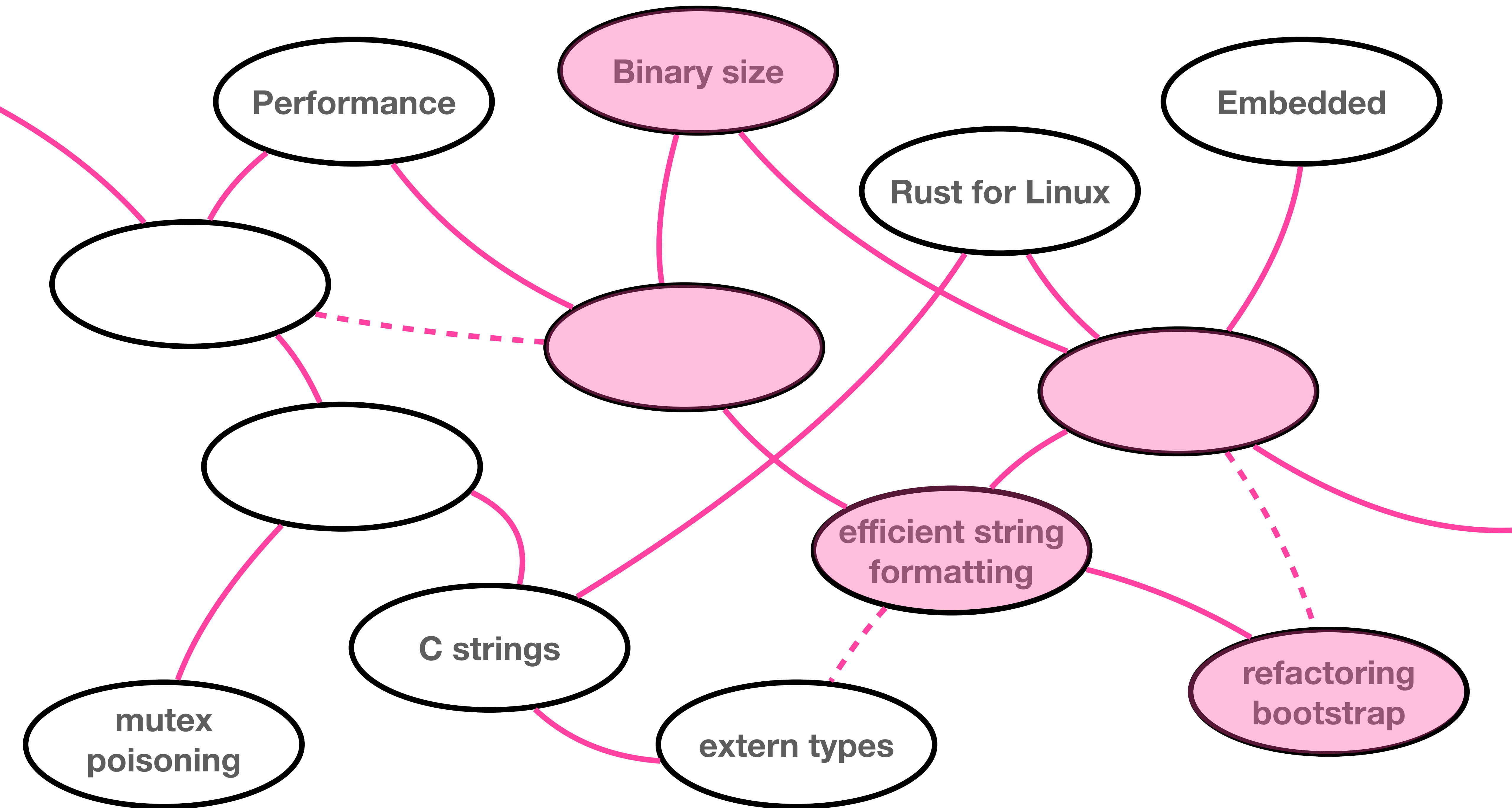
**mutex
poisoning**

extern types



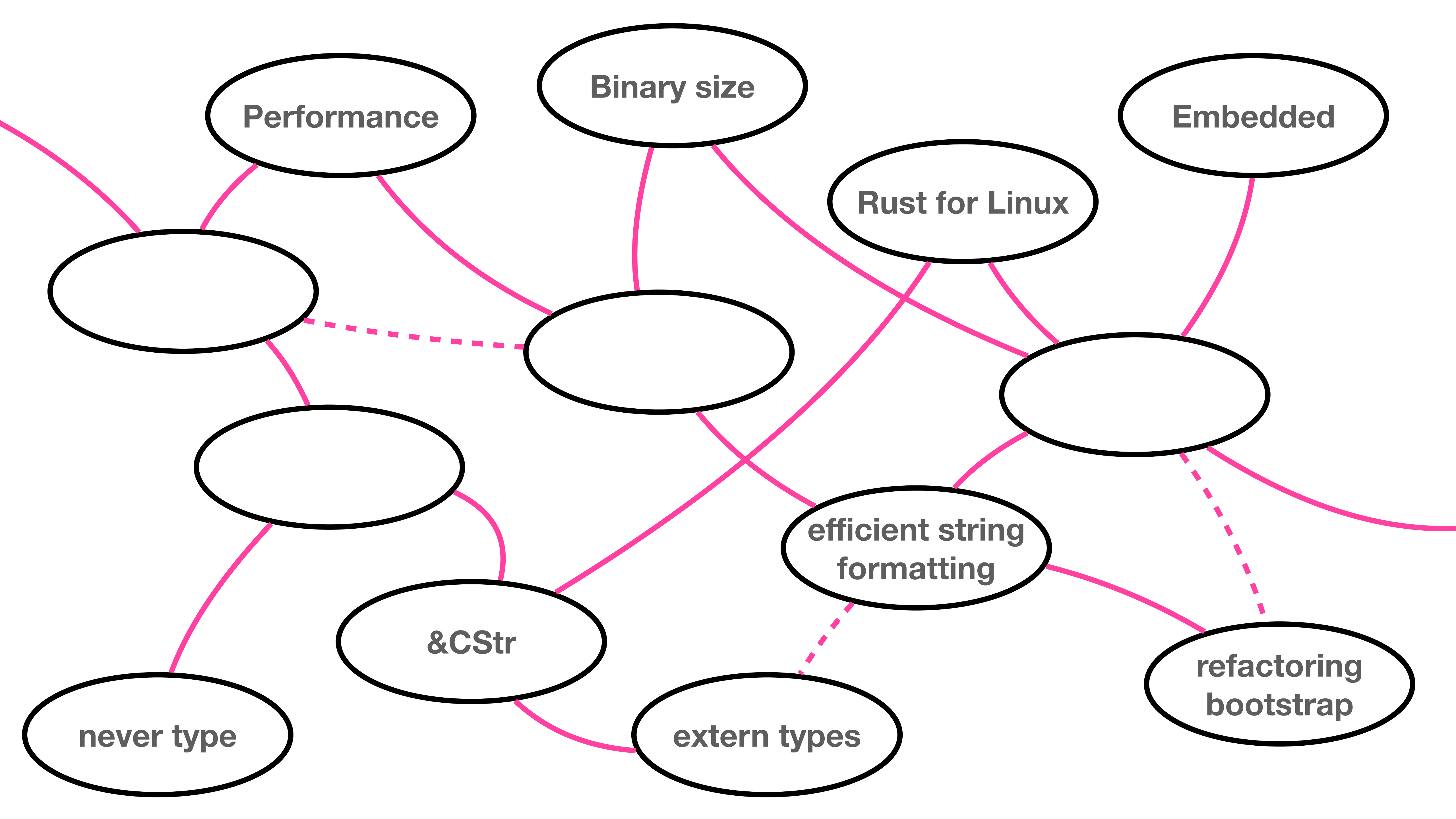






Shout out to Niko's work on *Project Goals*

<https://rust.tf/rfc3614>



€€€€

Performance

Binary size

Embedded

Rust for Linux

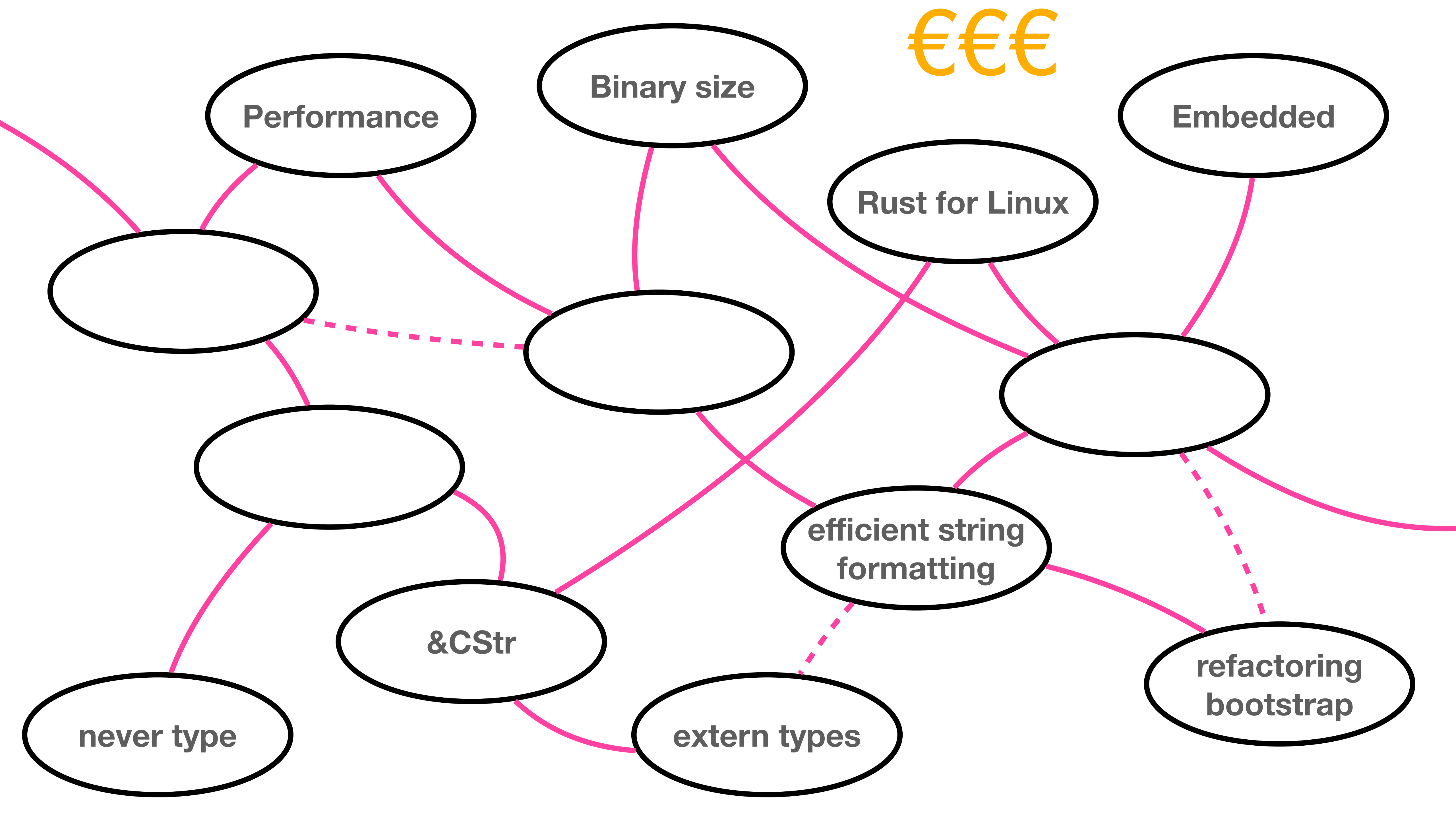
efficient string
formatting

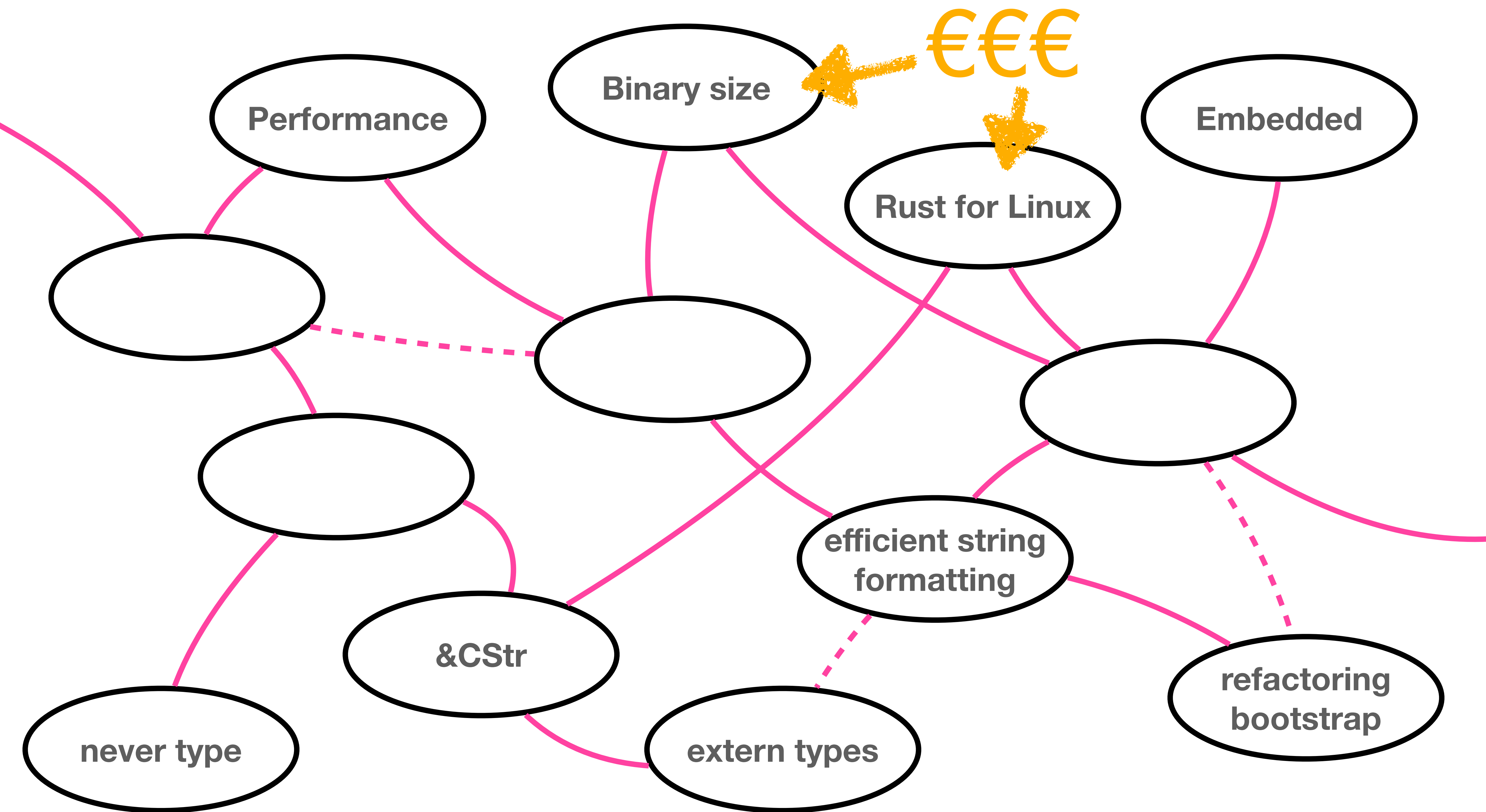
refactoring
bootstrap

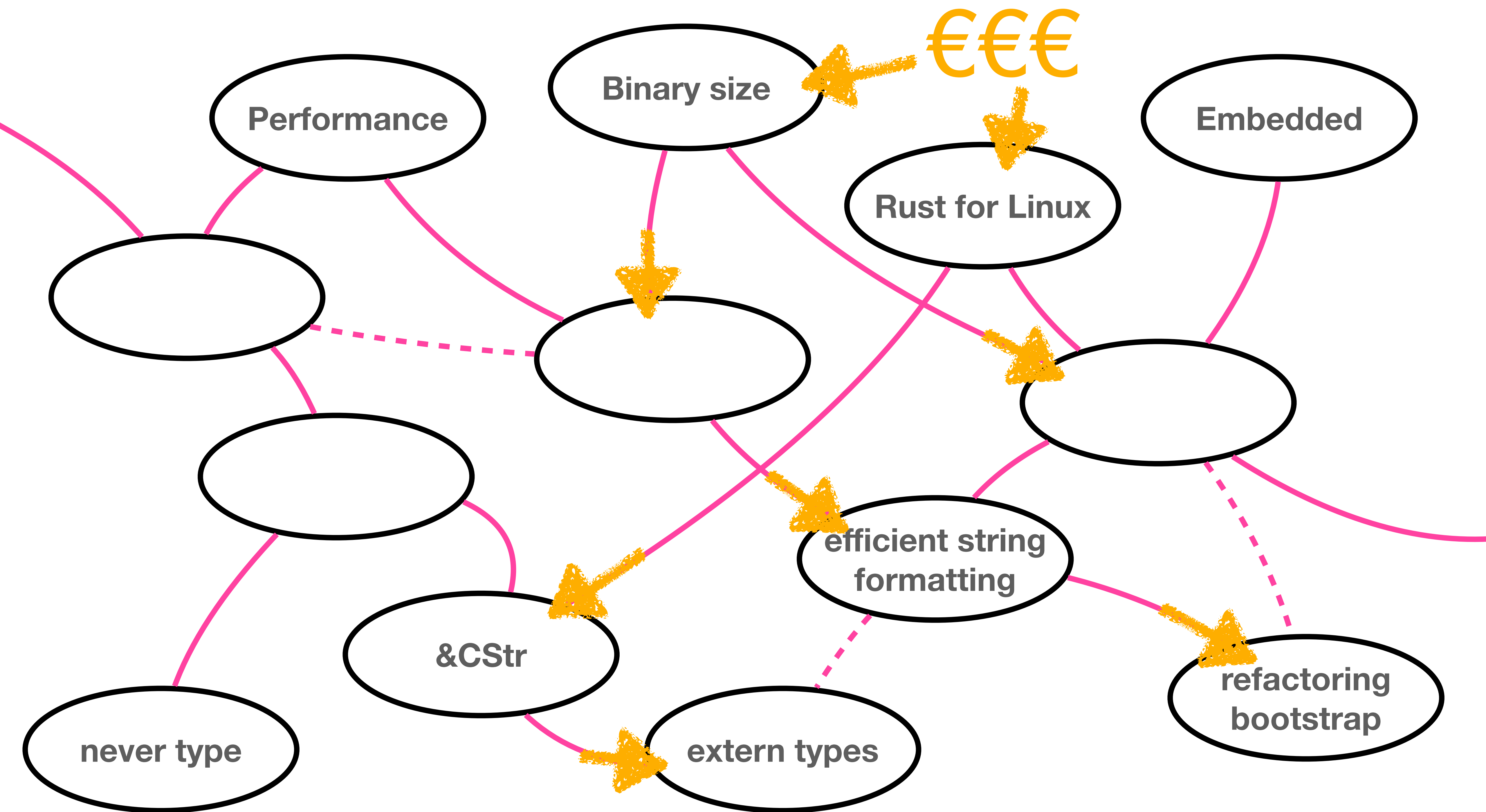
extern types

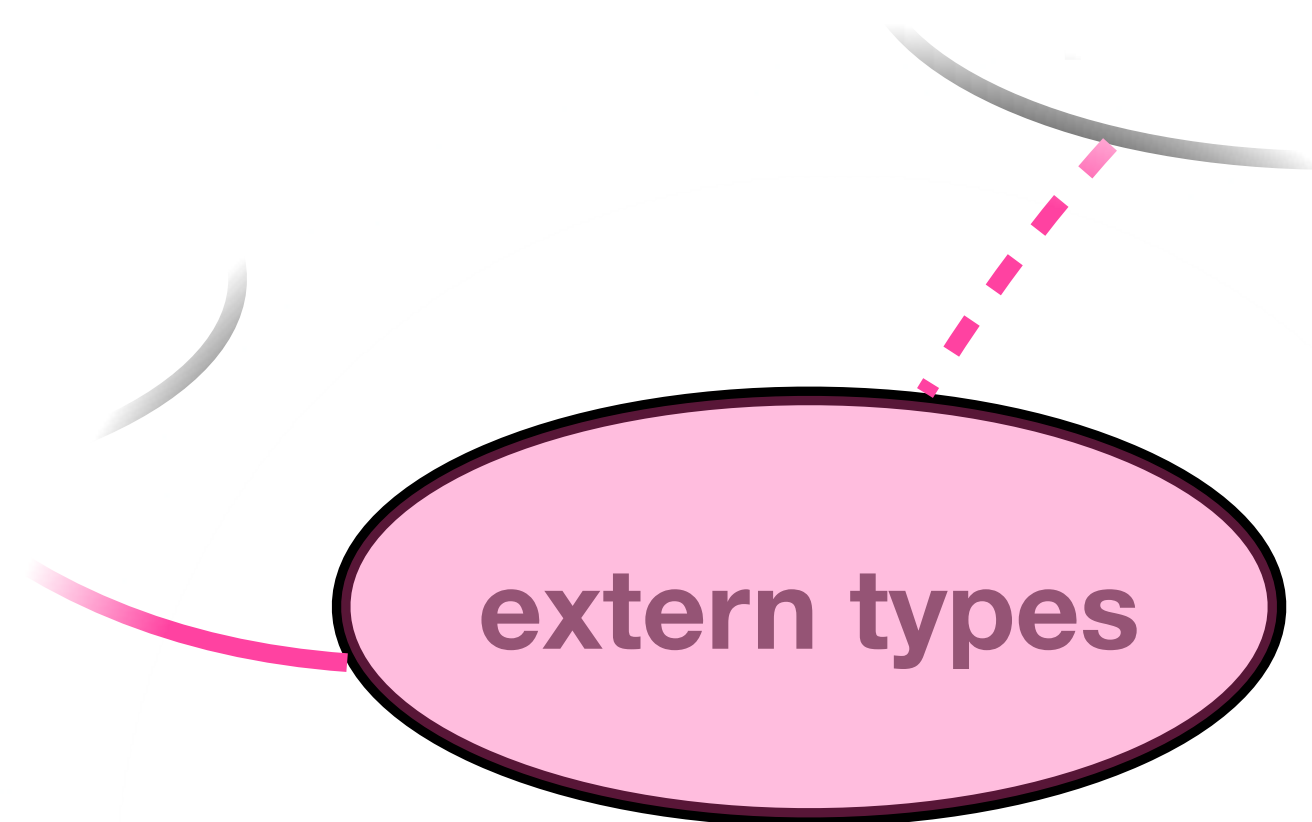
&CStr

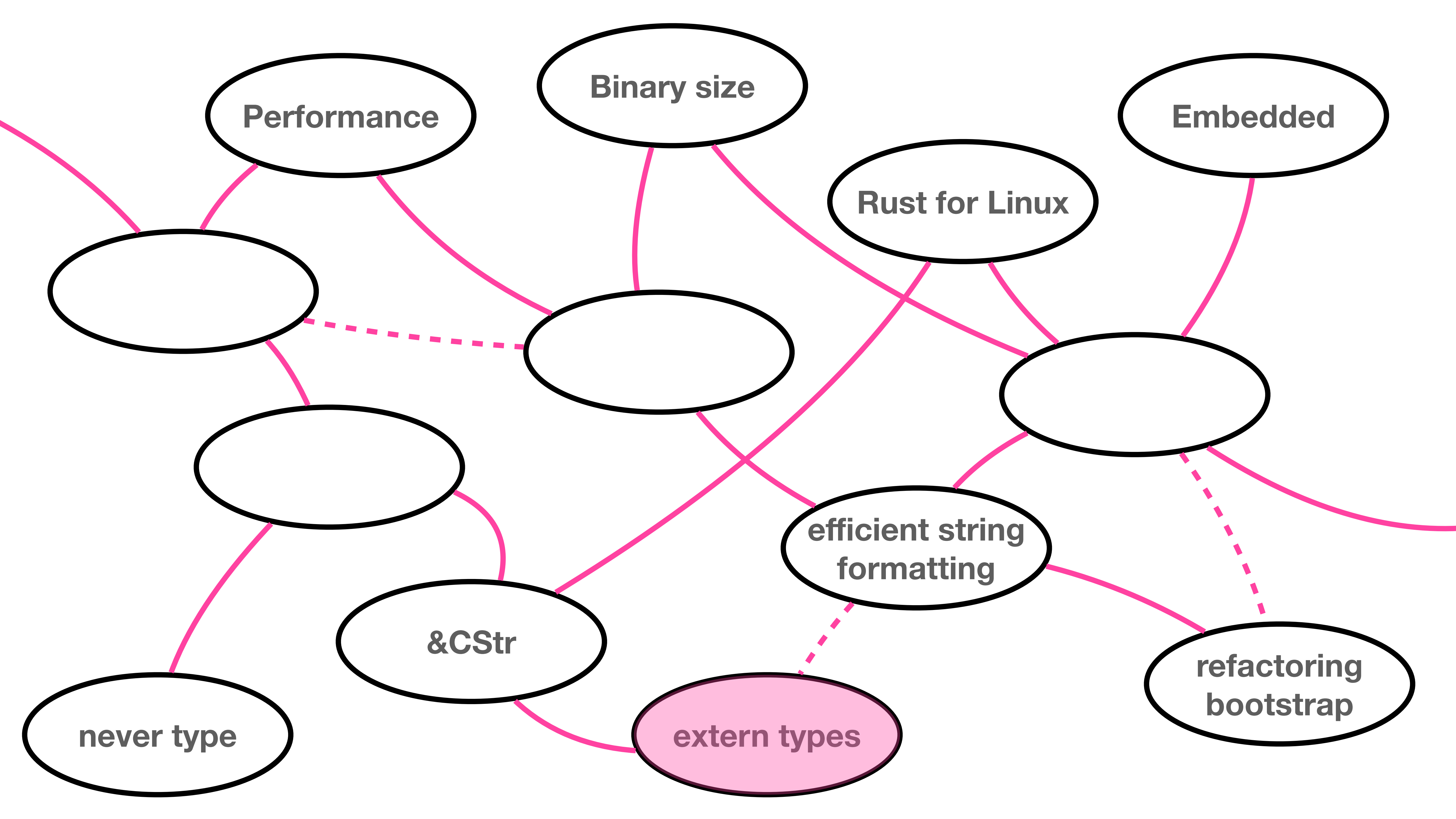
never type



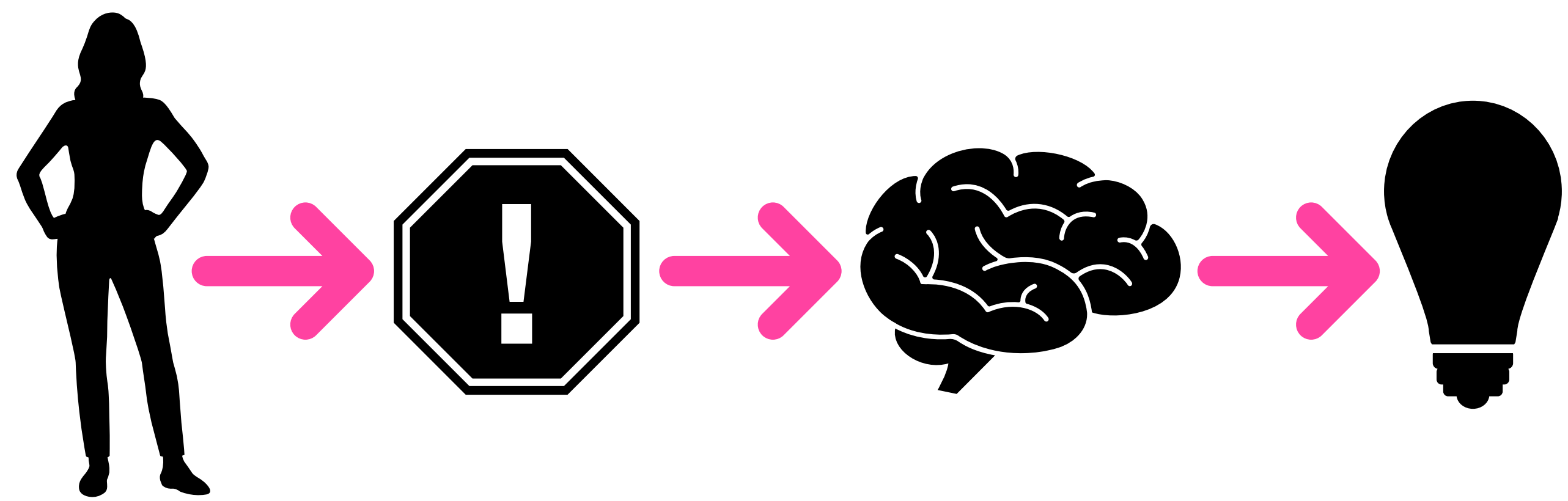








Let's focus on the problems



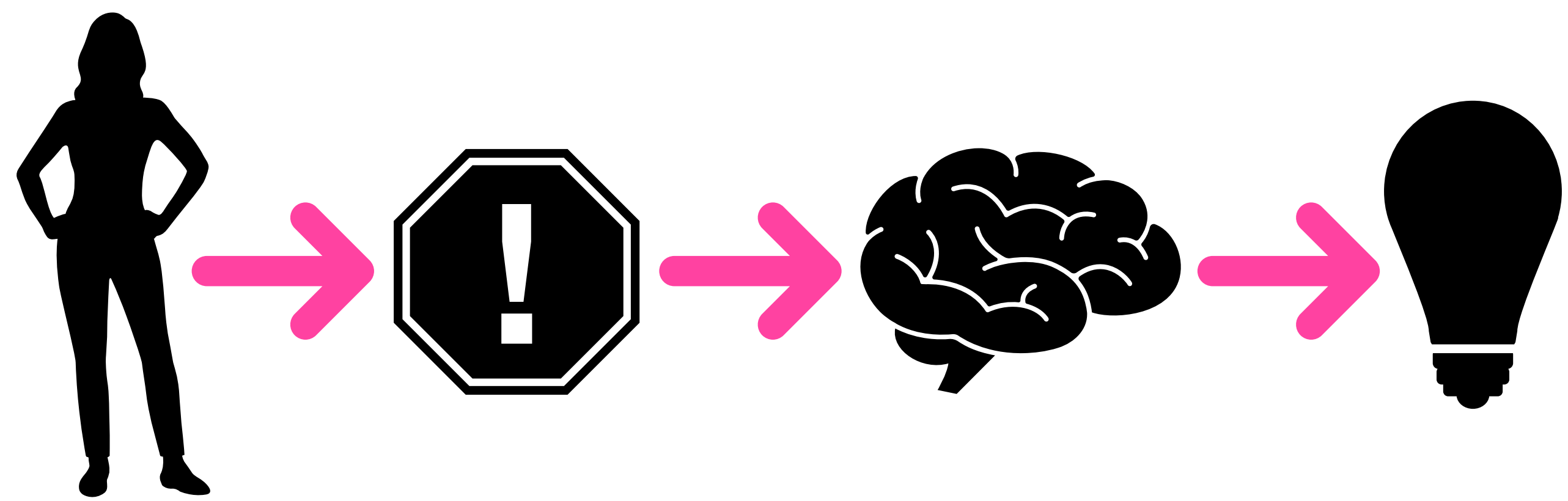
How?

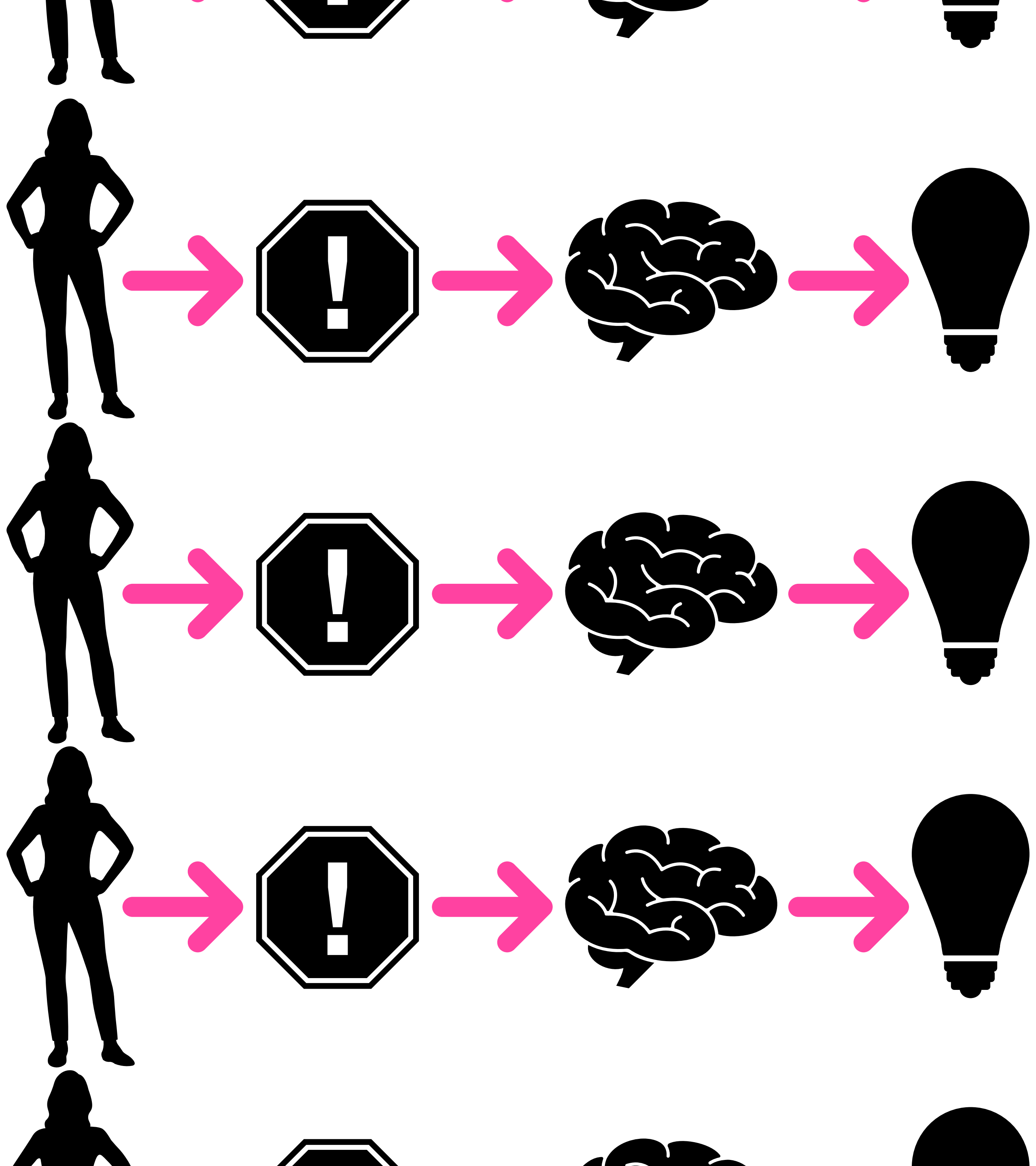
How?

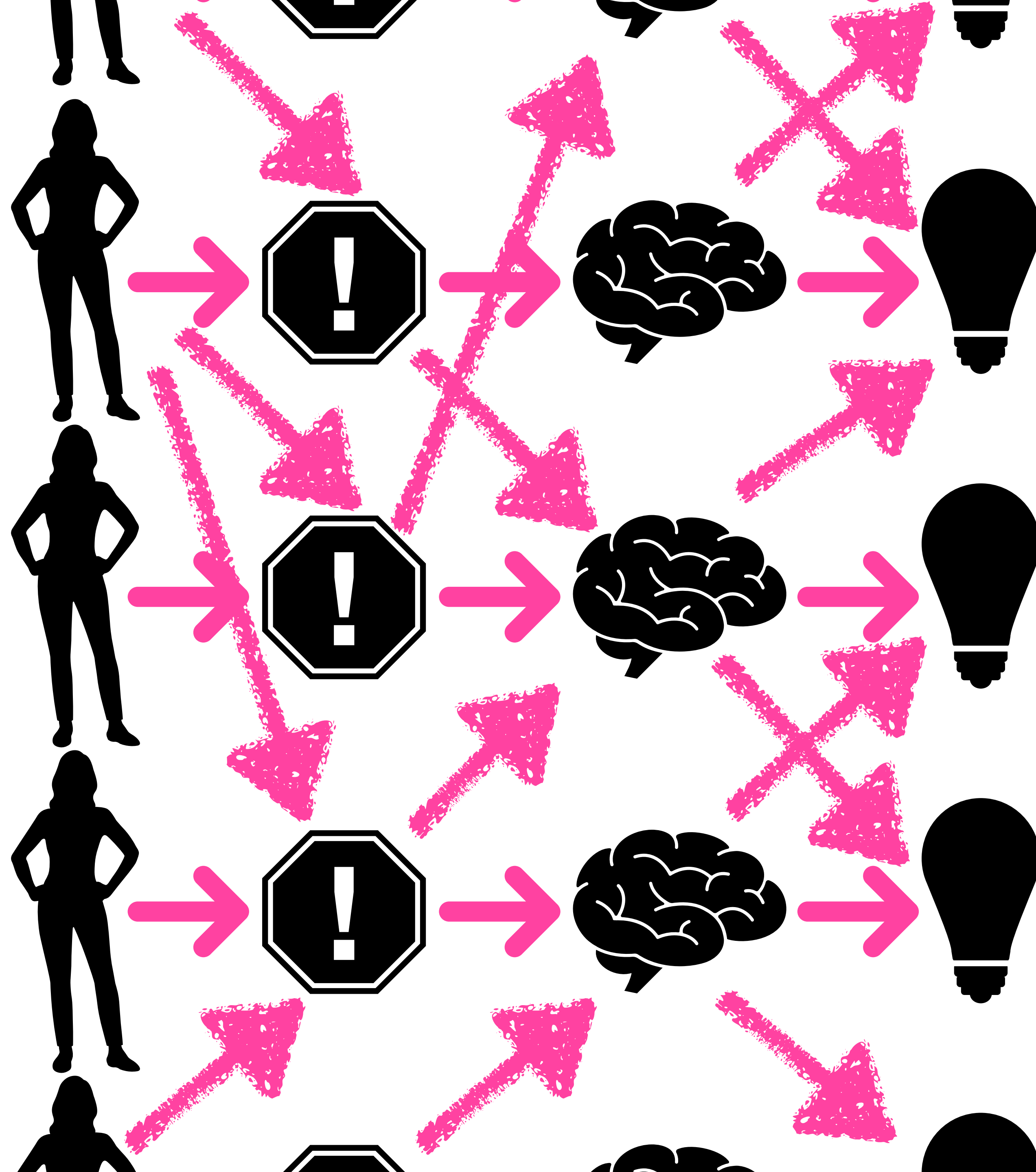
Not sure yet!

Go make connections

Talk about your Rust problems during lunch







Come talk to us!

Bring your problems to our booth, today and tomorrow

Thank you!