

Today

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- What it means to be a multi-lingual or full-stack developer, based on my experience and observations

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- Some insight about why you may want to follow different paths, including the pros/cons, as well as how you might do it.

Who

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- me: Made a career out of not wanting to pigeon-hole myself

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 - https://twitter.com/mike_moran

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What: Spotting Patterns

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- An illustrative example to get us started

What: XPath Example

```
<ul>  
  <li id="2">Bloop</li>  
  <li id="1">Feep</li>  
</ul>
```

```
//li[@id = 2]//text() -> Bloop
```

```
//li[position() = last()] -> <li id="1">Feep</li>
```

What: SQL Example

```
SELECT CustomerName, Country  
FROM Customers  
WHERE City = 'Paris'
```

CustomerName	Country
Paris spécialités	France
Spécialités du monde	France

What: Rust Example

```
fn main() {  
    let a = [1, 0, 3];  
  
    let iterated : Vec<_> =  
        a.iter()  
        .filter(|&i| *i != 0 )  
        .collect();  
  
    dbg!(iterated);  
}
```

iterated = [1, 3]

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- XPath \leftrightarrow SQL \leftrightarrow Rust?

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- What's different / similar?

Any Questions?

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 - know the layout of the room
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- Choosing the right language/library for the job
 - "Library-first Programming"

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- Gives Perspective: "All Computers are Shit" (:-)
- Bootstrap in X, Scale out in Y
- Building a Robust Company

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 - example: Svelte, React
- Characterise options
 - "Pin-hole test": power vs culture
- Try to "feel the grain"
 - "this would be easier / better in Language X / Layer Y"
- Be a librarian / router for others, learn on the way

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 - example: C# `yield` != Python generator

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Closing

- This is an option, and not a recommendation for everyone.
 - Being a specialist is still totally fine
- However:
 - please be proficient in at least 2 languages; 2 is very different to 1
 - Avoid being a "Foo" programmer; drop your prejudices (something I still struggle with)

Contact details

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