

Micro-frontends.

26 May 2021

Hello! I am Luisa.

Software Engineer.

Award Winning Researcher.

Always Learning.



**You can find me at:
@Irpinto**

What is a **Micro-frontend**?

Architecture

Division

Small

Independent

Micro-apps

New & Trendy

Some Terminology.

Master

Container

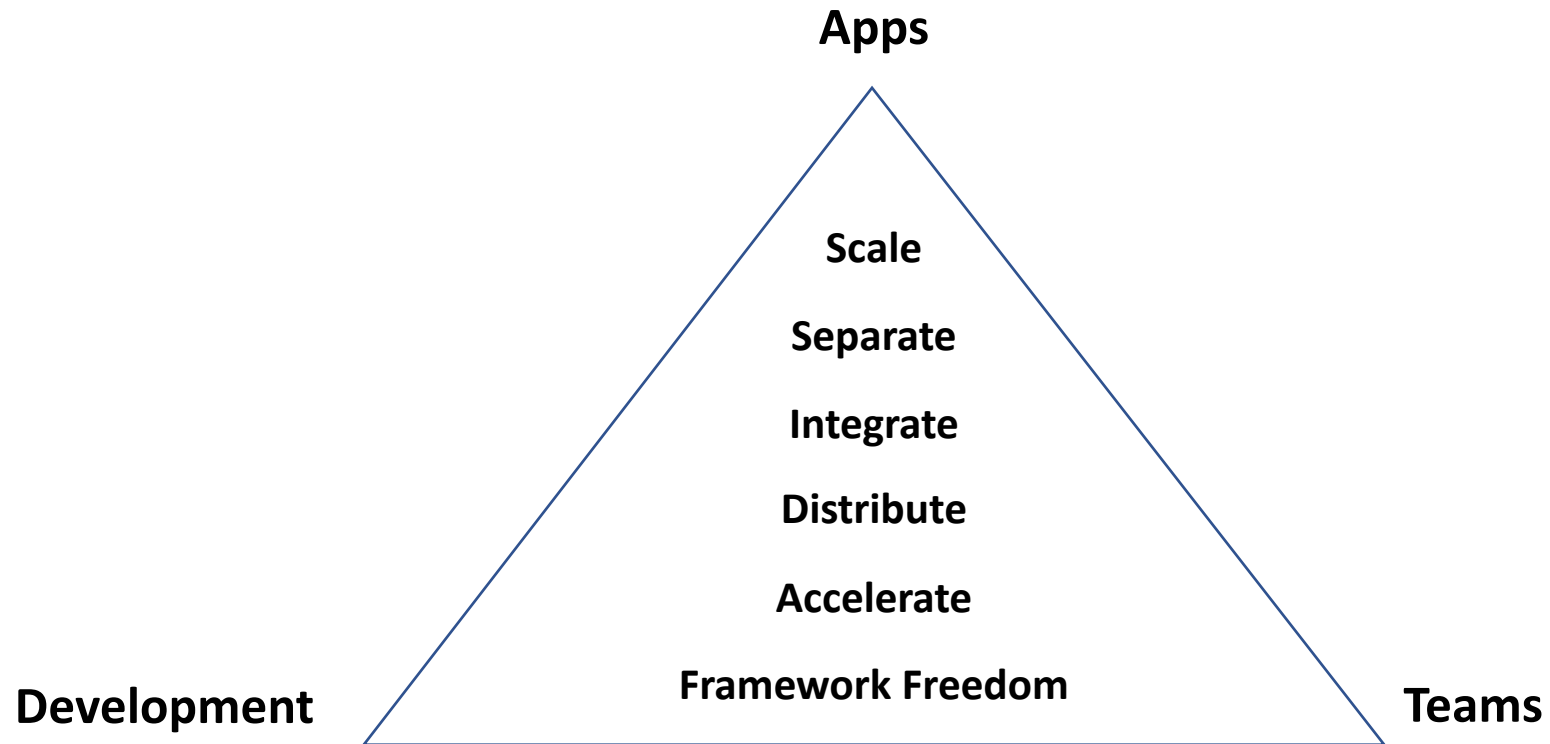
Sub-app

Micro-app

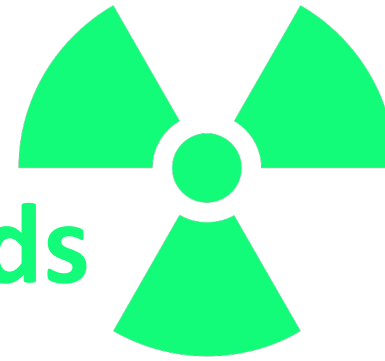
Module

Integration

Why **Micro-frontends**?



Micro-frontends



Scope

Contamination

Shared state

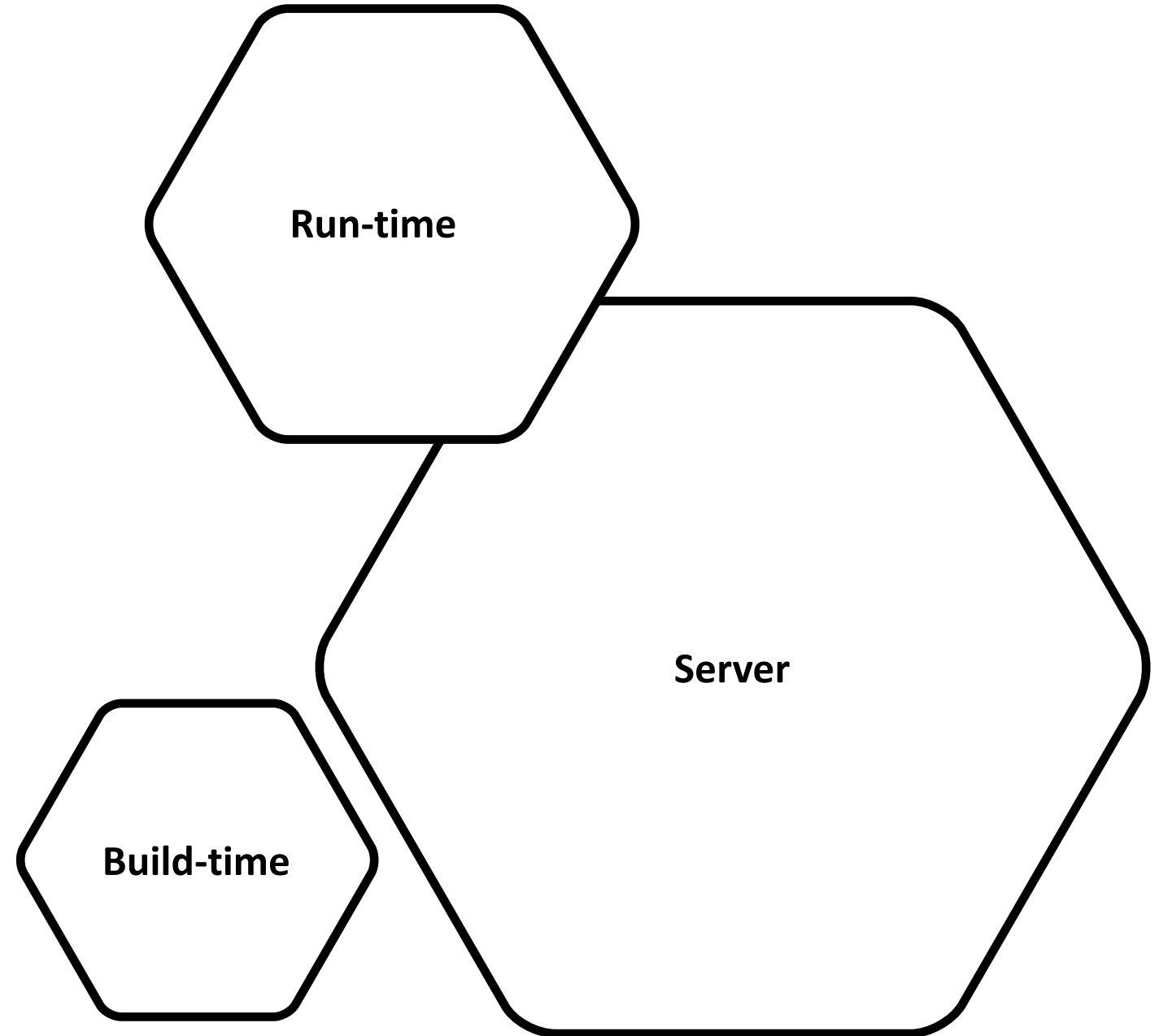
Performance

Complexity

Learning

Challenges

Integration approaches.



When-to-use Checklist.

Teams

Scaling

Monolithic

Features

Communication

Workflow

Scopes

Micro-frontends

Frameworks

Webpack Module Federation

webpack.js.org

Single SPA

single-spa.js.org

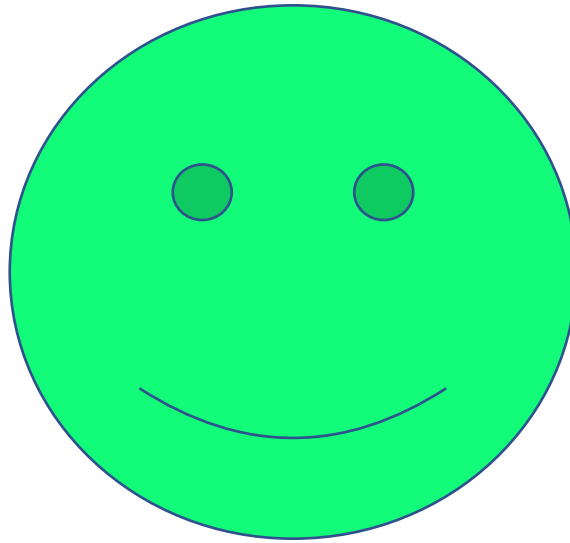
Luigi

luigi-project.io

Bit

bit.dev

Thank you! Questions?



Learning **Resources.**

Udemy Course

Microfrontends with React: A Complete Developer's
Guide

by Stephen Grider

Book

Micro Frontends in Action Paperback – 28 Nov. 2020
by Michael Geers