



JakartaEE or Spring?

Real world testimonies



April 04, 2023

Topics to cover



- > What's JakartaEE?
- > What's Spring?
- > How they compare
- > Real world testimonies
- > How to choose

What's JakartaEE?

A little bit of history

From J2EE to JakartaEE

Long - short story:

- J2EE renamed to JavaEE
- JavaEE not evolving fast enough
- JavaEE donated to Eclipse Foundation
- JavaEE renamed to JakartaEE



What is Spring?

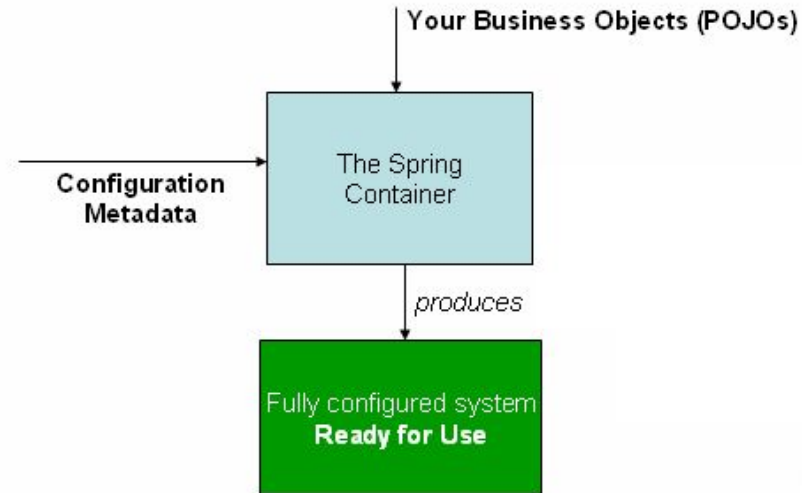
A Framework

Or maybe a container?

- Integrates with selected specifications from the traditional EE umbrella
- Is prepared to provide out-of-the-box support for the further evolution of the Jakarta EE APIs
- Inversion of control container, also known as a Dependency injection.

A Framework

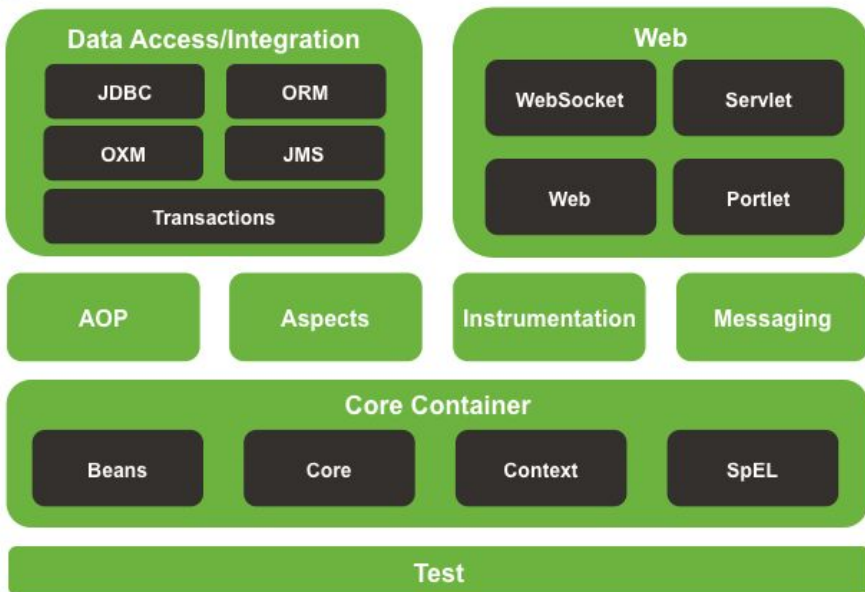
Or maybe a container?



Spring - Modules



Spring Framework Runtime



Spring - Projects



How they compare?



Spring

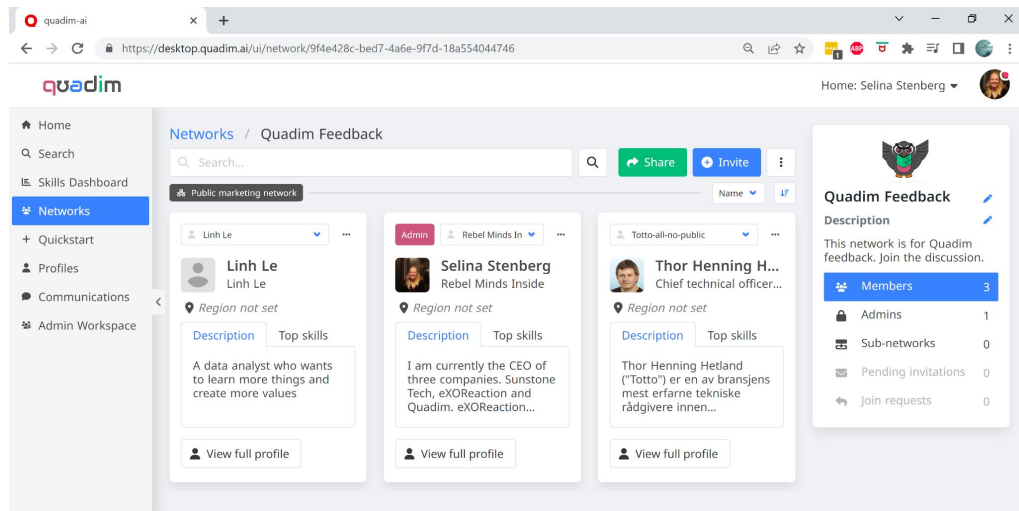
- Heavyweight - Needs an App container ❌
- Many implementations and vendors to choose ✅
- Slower Feature releases ❌
- Many Specs / Features to choose ✅
- Complex Configuration, not easy to start ❌

- Lightweight - Modular and customizable ✅
- Tied to a vendor, not easy to migrate outside ecosystem ❌
- Fast innovation ✅
- Limited set of features compared to JakartaEE ❌
- Easy to use but difficult to learn ❌



Testimonies

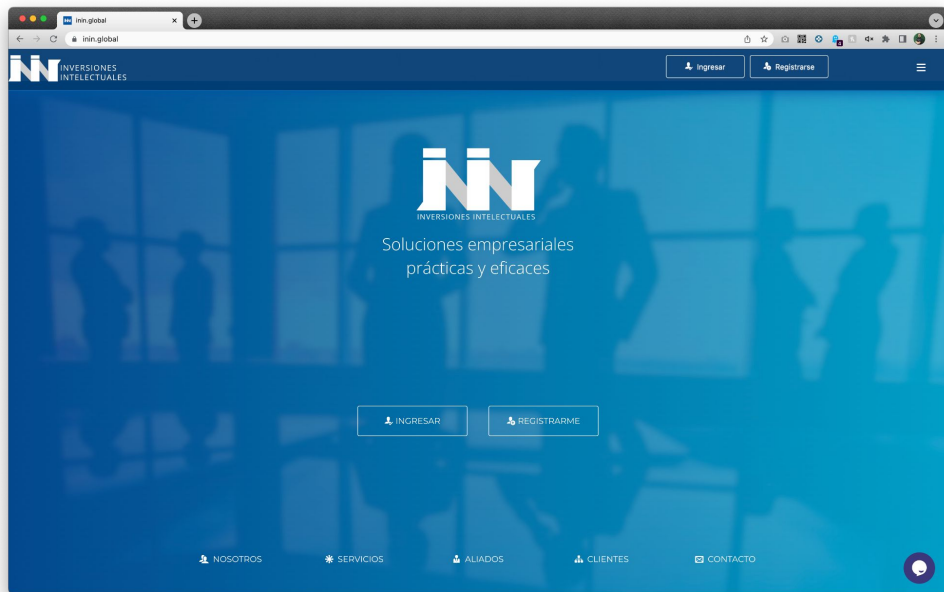
- Spring Boot
- SQL Database
- Amazon EC2, ELB
- Jenkins
- Nuxt.JS
- Nexus Repository
- Flyway



ININ Global



- JakartaEE / MicroProfile
- SQL and NoSQL Databases
- Amazon SQS, SNS, Kinesis
- Event based Architecture
- Third party integrations



Own Products

- Visuale
- WhyDah (SSO)
- PathWatcher
- Java-Auto-Update
- ConfigService
- Messi (Event solution)
- Xorcery (Event solutions)



<https://github.com/cantara>

What about you?

- Long-term investment and backwards compatibility
 - Best suited for Government, Banks or slow paced companies
 - Complex workflows
 - Real time messaging apps
 - Large-scale, mission-critical apps that needs with a wide range of features and APIs
- Easy to start, but with the risk of breaking changes
 - Best suited for fast changing applications
 - Small to medium applications
 - Web applications
 - Apps that needs lightweight framework with a lot of flexibility

Questions?

Thanks



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▲ **THANK YOU!**

