



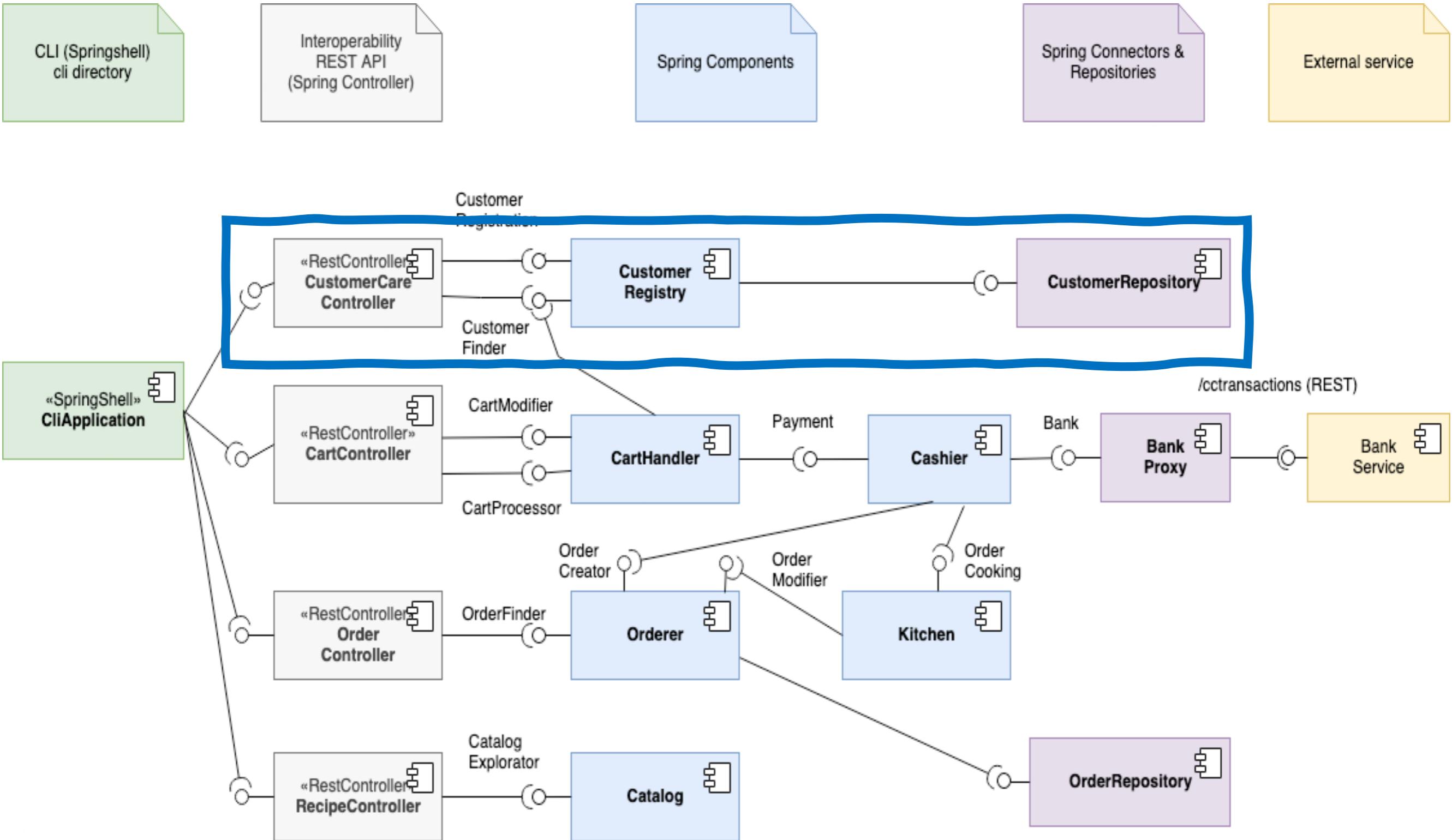
# How to start

pictures: [sxc.hu](#), pixabay

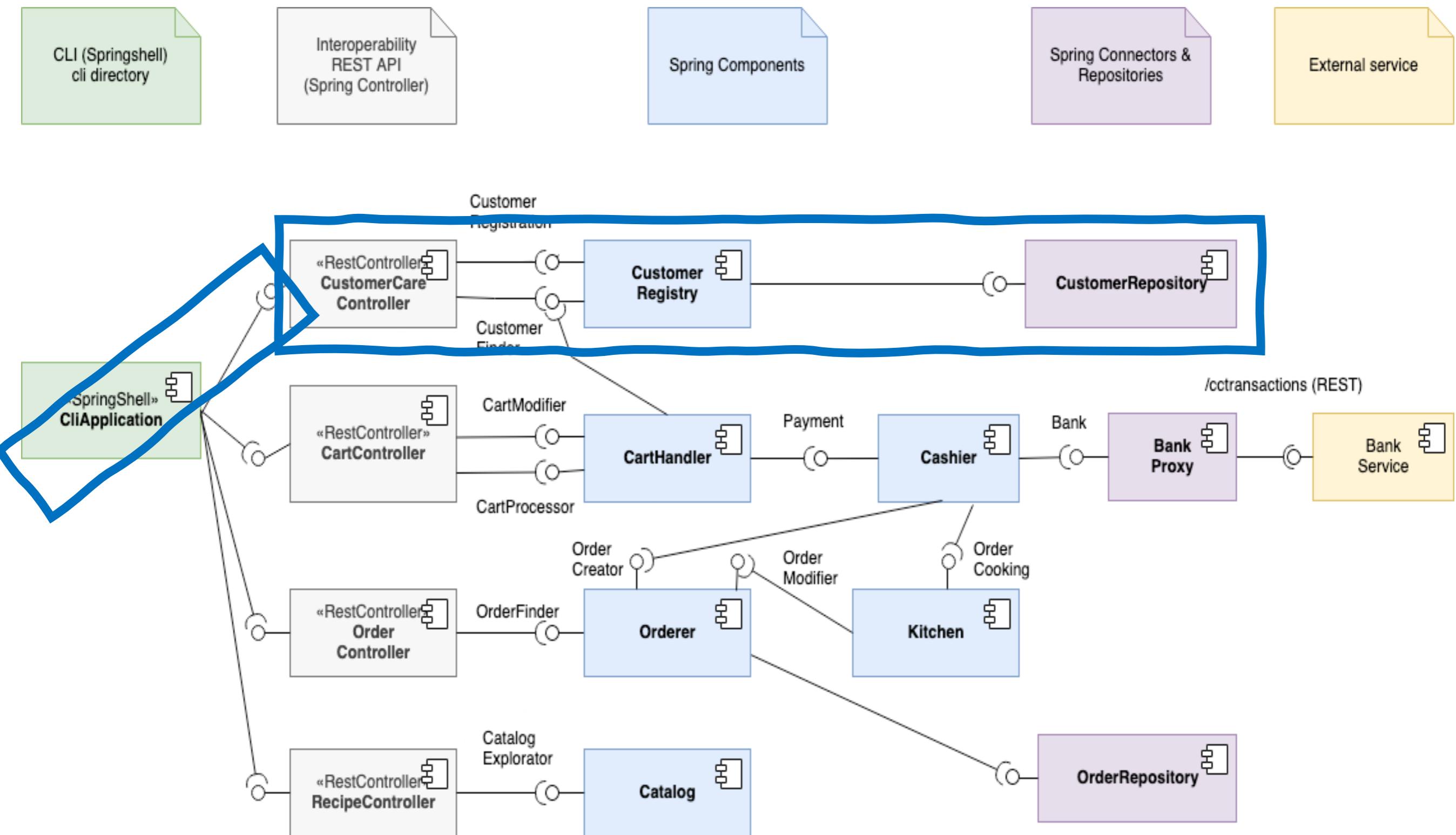
Philippe Collet



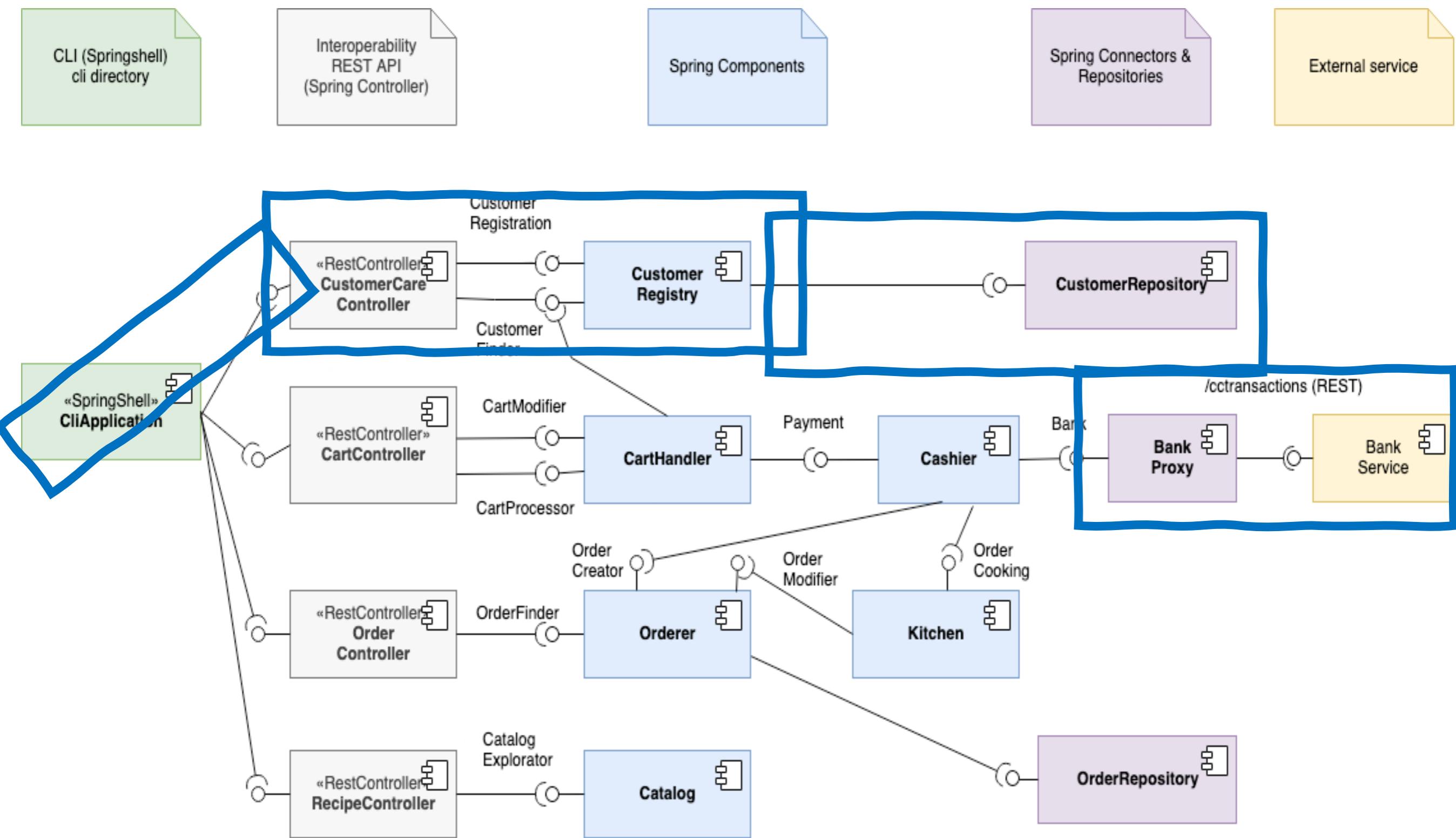
# 1. Take simple component/repository with unit tests



## 2. Setup the CLI to Controller to Component



### 3. Reuse the bank to have a end to end setup



# 4. Extend

Rince and repeat...

# Contraintes de développement (liées à DevOps)

Au moins un fonctionnement git avec une branche dev (instable) et main (stable)

Tous les commits suivent le format

## Conventional Commits

A specification for adding human and machine readable meaning to commit messages

<https://www.conventionalcommits.org/en/v1.0.0/>

fix(compiler): support complex selectors in :nth-child() 	24cf5a  
mattrbeck authored and AndrewKushnir committed last week · ✘ 9 / 16	
refactor(core): improve resource loading with async/await 	Verified 4ed8781  
alan-agius4 authored last week · ✓ 16 / 16	
Revert "feat(service-worker): notify clients about version failures (#62718)" 	4af408a  
atscott authored and AndrewKushnir committed last week · ✘ 8 / 16	
feat(forms): add debounce() rule for signal forms 	d337cfb  
leonsenft authored and AndrewKushnir committed last week · ✓ 16 / 16	
refactor(forms): do not infer accumulated metadata type from initial value 	8866934  
leonsenft authored and AndrewKushnir committed last week	
build: update cross-repo angular dependencies 	631cf97  
angular-robot authored and AndrewKushnir committed last week · ✘ 14 / 16	

# Bad commits

Corrigé le bug du démarrage

Comportement changé

Oups

Je pense que j'ai fix cette fois ?

Texte vide...

# Un commit utile peut contenir

Pourquoi ces changements ont été faits

Quels sont ces effets

Pourquoi ces changements étaient nécessaires

Quels sont les changements liés

# Conventional Commits

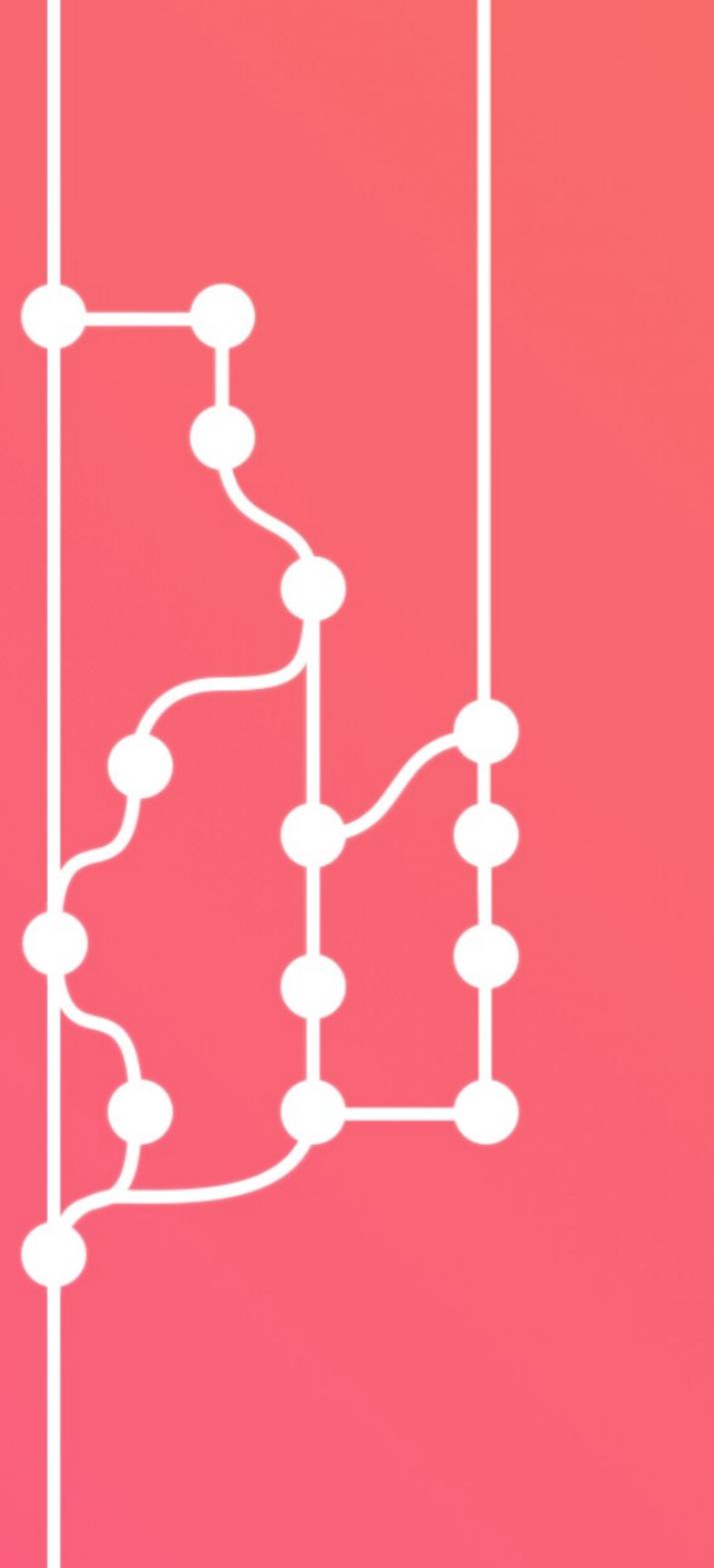
A specification for adding human and machine readable meaning to commit messages

[Quick Summary](#)

[Full Specification](#)

[Contribute](#)

<https://www.conventionalcommits.org/en/v1.0.0/>



<type>[optional scope] : <description>

[optional body]

[optional footer(s) ]

**feat** – a new feature is introduced with the changes

**fix** – a bug fix has occurred

**chore** – changes that do not relate to a fix or feature and don't modify src or test files (for example updating dependencies)

**refactor** – refactored code that neither fixes a bug nor adds a feature

**docs** – updates to documentation such as a the README or other markdown files

**style** – changes that do not affect the meaning of the code, likely related to code formatting such as white-space, missing semi-colons, and so on.

**test** – including new or correcting previous tests

**perf** – performance improvements

**ci** – continuous integration related

**build** – changes that affect the build system or external dependencies

**revert** – reverts a previous commit

# Commit description?

If applied, this commit will \_\_\_\_\_

- Check card being validated
- Refactor subsystem X for readability
- Update getting started documentation
- Release version 1.0.0



IS THIS REAL LIFE?

Is this real life (again)?



angular

Public

Watch 2979



main ▾

103 Branches 1175 Tags

Go to file



Add file ▾

Code ▾

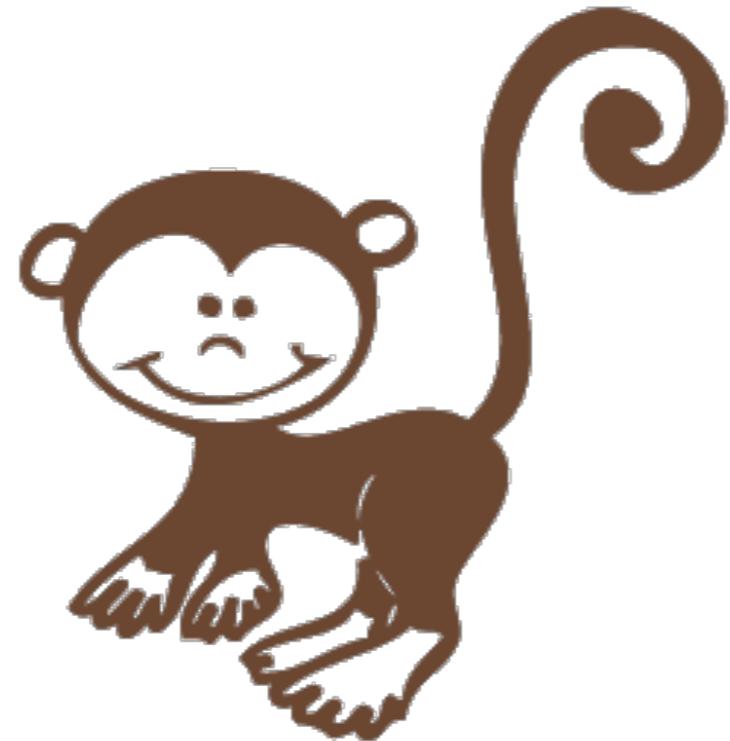


bencodezen and thePunderWoman docs: add signal forms comparison guide X 7a910e6 · 9 hours ago 🕒 35,449 Commits

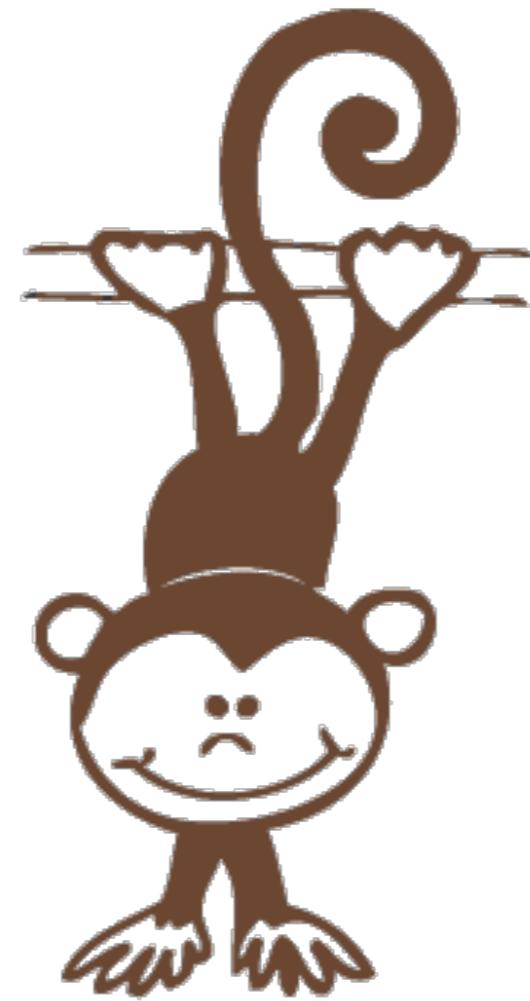
-o Commits on Nov 11, 2025

refactor(core): render additional WAI-ARIA 1.3 property bindings as attributes	c3e82fb		
d-koppenhagen authored and AndrewKushnir committed last week · ✓ 16 / 16			
fix(compiler): support complex selectors in :nth-child()	24cfdf5a		
mattbeck authored and AndrewKushnir committed last week · ✘ 9 / 16			
refactor(core): improve resource loading with async/await	4ed8781		
alan-agius4 authored last week · ✓ 16 / 16	Verified		
Revert "feat(service-worker): notify clients about version failures (#62718)"	4af408a		
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refactor(forms): do not infer accumulated metadata type from initial value	8866934		
leonsenft authored and AndrewKushnir committed last week			
build: update cross-repo angular dependencies	631cf97		
angular-robot authored and AndrewKushnir committed last week · ✘ 14 / 16			
build: lock file maintenance	74dca6e		
alan-agius4 authored and AndrewKushnir committed last week · ✓ 16 / 16			
build: update cross-repo angular dependencies	3b1fbf0		
angular-robot authored and AndrewKushnir committed last week · ✘ 15 / 16			
fix(core): skip Angular formatting when formatting signals recursively	490435b		
dgp1130 authored and AndrewKushnir committed last week · ✘ 10 / 16			
refactor(compiler): remove unused code	8277906		
crisbeto authored and AndrewKushnir committed last week · ✘ 9 / 16			
build: lock file maintenance	75dd600		
angular-robot authored and AndrewKushnir committed last week · ✓ 16 / 16			
docs: add reference to Built-in Pipes in multiple pipe files	d999667		
SkyZeroZx authored and AndrewKushnir committed last week · ✘ 7 / 16			
refactor(core): rename ExperimentalIsolatedShadowDom to IsolatedShadowDom	21ca49c		
JeanMeche authored and AndrewKushnir committed last week · ✘ 7 / 16			

<https://github.com/CookieFactoryInSpring/simpleTCFS>



monkey see



monkey do

# Contraintes techniques

Le projet (MVP de l'étape 1 y compris) développé doit reprendre exactement la pile technologie fournie par la CookieFactory (<https://github.com/CookieFactoryInSpring/simpleTCFS>) :

- Une ou plusieurs « cli » de pilotage de la démo
- Un backend en SpringBoot reprenant le setup (pom.xml, organisation du code, dépendances identiques à la version près) fourni
- Des services externes simplifiés ou mockés implémentés avec l'architecture NestJS de la bank fournie dans la CookieFactory ou l'architecture SpringBoot du backend.

Toute variation sera considérée comme une faute grave et pénalisera lourdement l'évaluation.

## Contraintes sur le framework SpringBoot

- Utiliser le setup CookieFactory
- Ne pas ajouter d'autres frameworks, par exemple :
  - Pas de Lombok
  - Pas de MapStruct

# TP DevOps

- Mise noire sur blanc de la stratégie de branching (contributing.md à la racine du repo)
- Utilisation des PR pour ramener la branche (ou les branches) instable(s) vers la stable
- Tous les titres de PR (et merge messages) respectent le format conventional commit (validé par un job !)
- Run des tests à travers le pipeline avec justification de leur exécution