Software Architecture

Software Architecture

Angular / Spring boot

Entorno de Desarrollo

- Java 8
- Eclipse 2019-06+
- Git
- Maven
- Angular
- NodeJS.
- NPM
- Docker (windows 10 pro)
- Postman

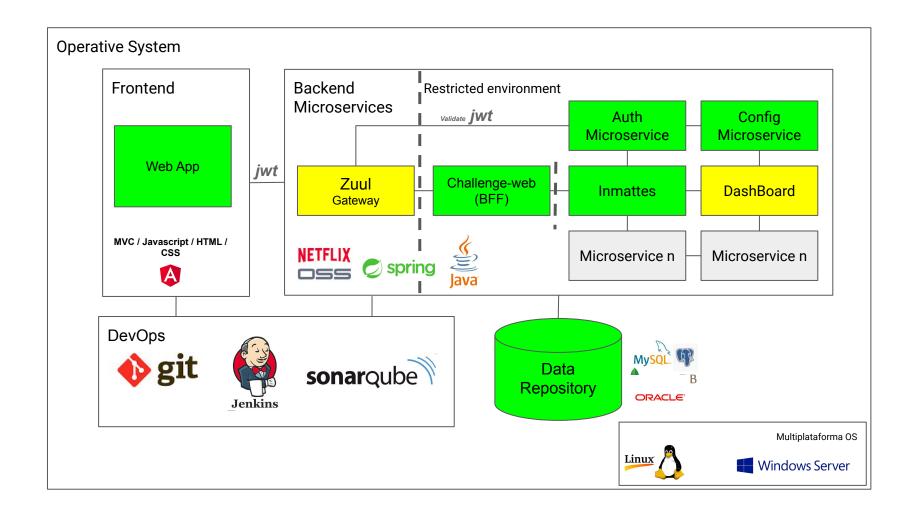
Software Architecture

Angular / Spring boot

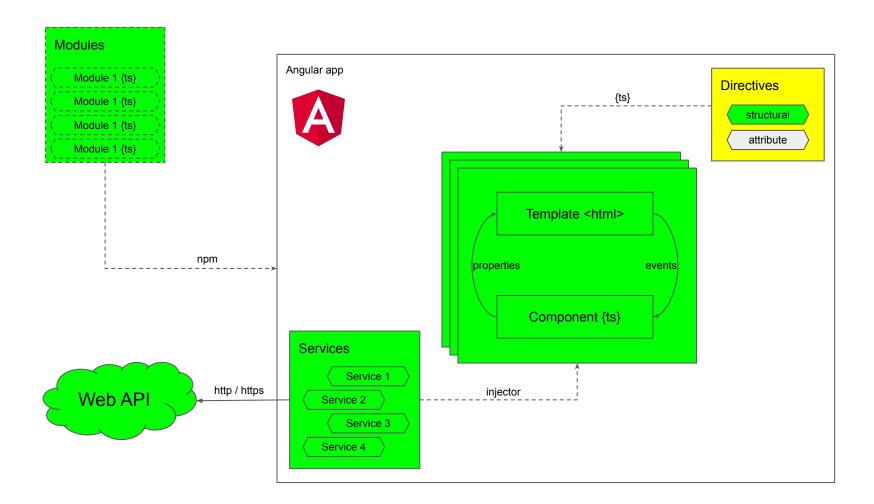
La Misión

- Ventana de Login y Password contra LDAP (integracion a servicio REST de login existente)
- 2. Ventana de búsqueda de internos (combos anidados, filtros, checkbox, etc.)
- 3. Resultado de búsqueda en grilla exportable a Excel y paginada
- 4. Resaltar en color registro de grilla por algún criterio
- Seleccionar registro de una grilla y levantar Formulario con datos del penado incluida la fotografía y FUC (pdf que se debe levantar).
- 6. Realizar CRUD sobre el Formulario.
- 7. Impresión del Formulario.
- 8. Ejemplos de reportería tipo dashboard.

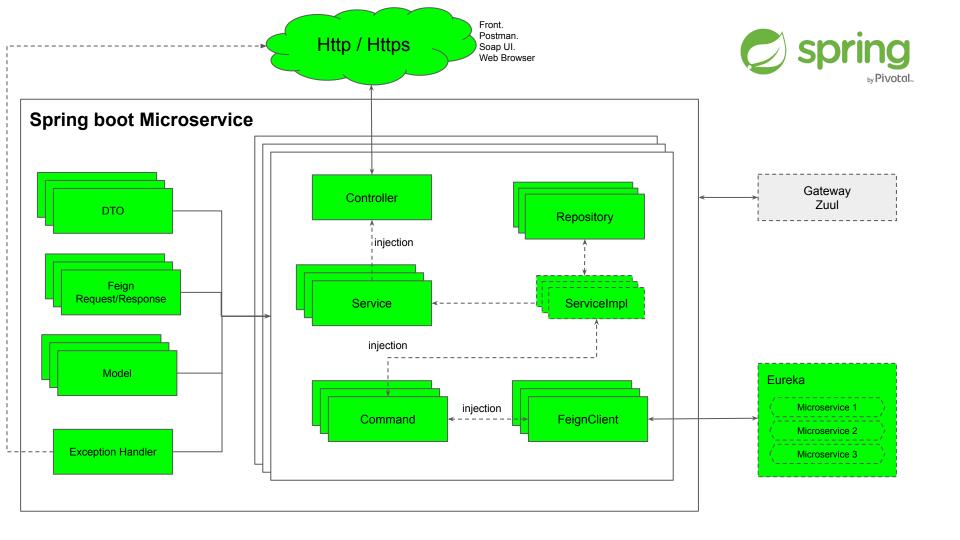
Backend



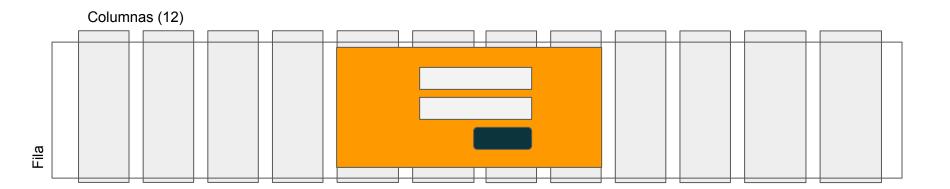
Angular App



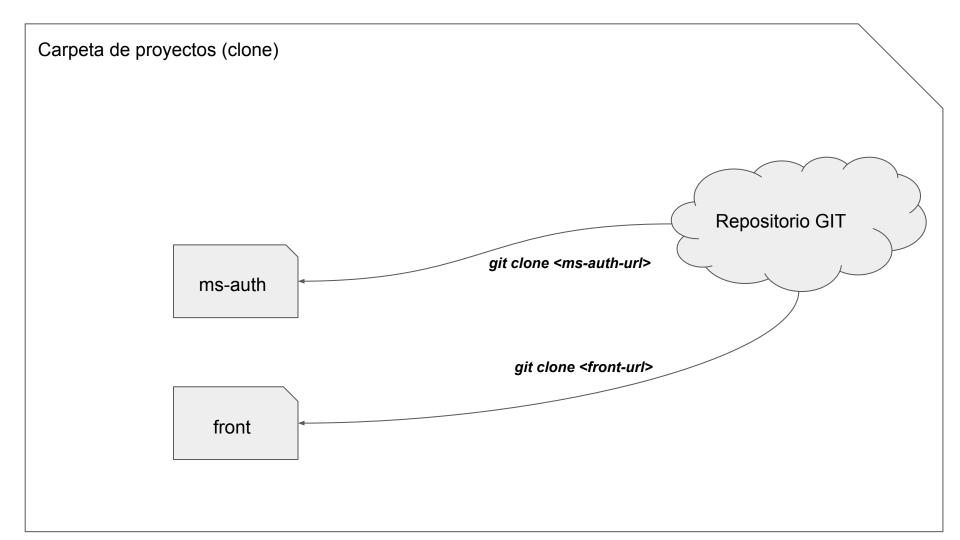
Spring boot App

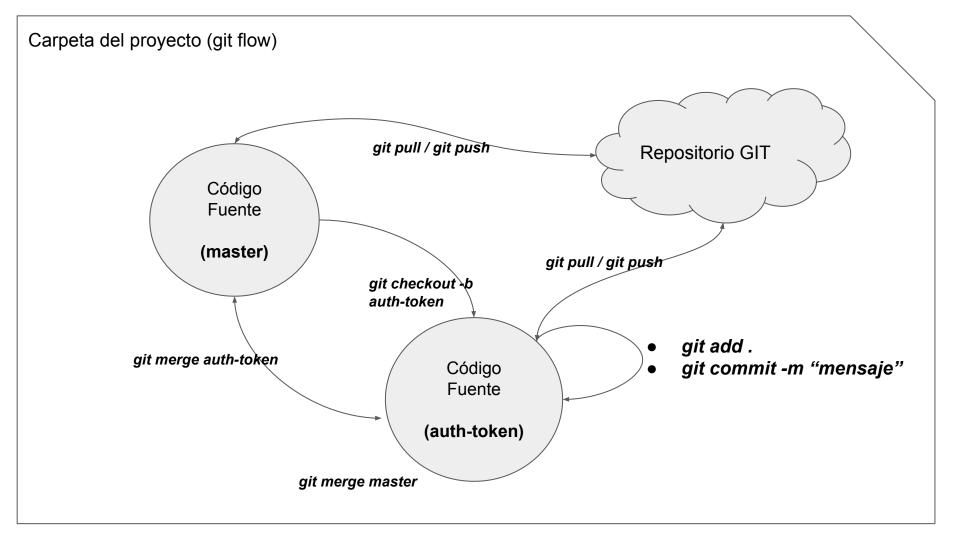


Bootstrap Layout

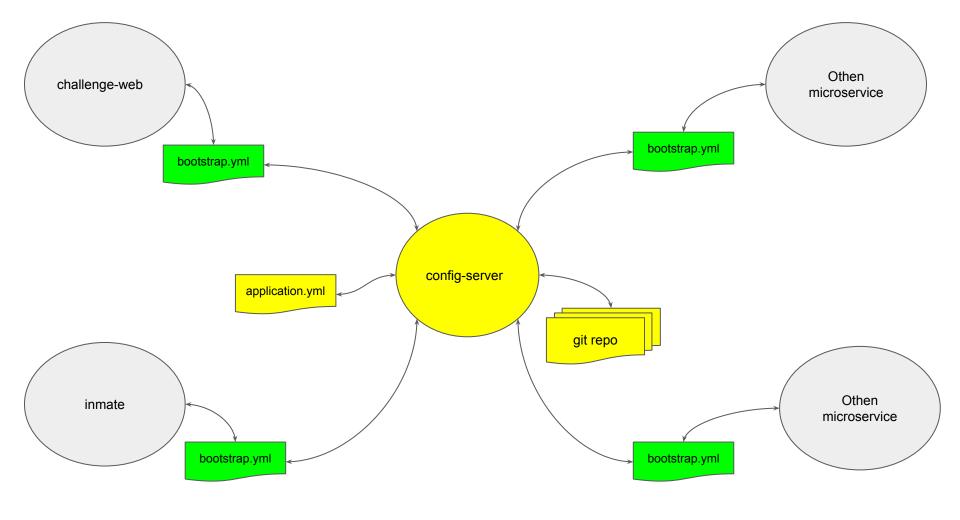


GIT Repository





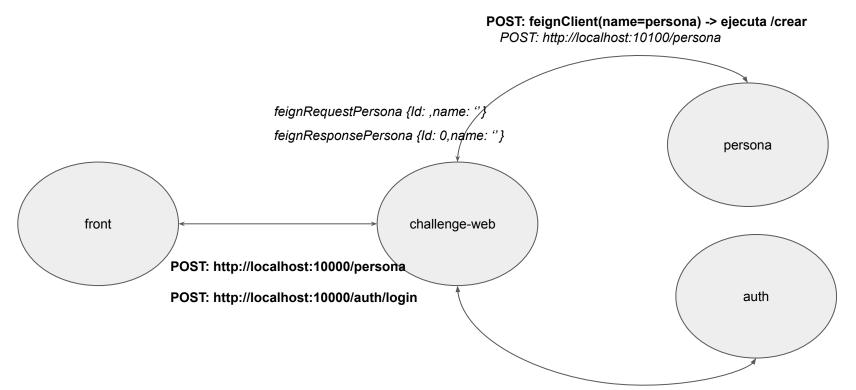
Spring Cloud Config Server



Hystrix / Feign

```
feignRequest {
                                                                                   DTO {
            username: 'user'
                                                                                     username: 'user'
                                         /auth/login
            password: '123456'
                                                                                     password: '123456'
challenge-web
                                                                                              auth
                                           Command (Hystrix)
                                           Feign
feignResponse {
                                                                                      DTO {
 token:'xxxxx'
                                                                                       token:'xxxxx'
```

```
// Invocando al end point auth/login -> (ms auth)
ResponseEntity<TokenFeignResponse> responseEntity = this.authFeignClient.login(loginFeignRequest);
// Obteniendo el ison de respuesta (DTO) del endnoint auth/login -> (ms auth)
```



POST: feignClient(name=auth) -> ejecuta /login POST: http://localhost:110200/auth/login

Restful - Verbos HTTP

Verbos HTTP:

- POST.
- PUT. -> { id, nombre, apellido,..}
- PATCH. -> { id: 1, apellido:'apellido nuevo' }
- DELETE.
- GET.

Restful - EndPoints

RESTFUL

- Recurso
 - Obtener Persona:
 - GET http://localhost:10000/persona/1
 - Crear Persona:
 - POST http://localhost:10000/persona/{dto}
 - Actualizar Persona:
 - PUT/PATCH http://localhost:10000/persona/{dto}
 - Eliminar Persona:
 - DELETE http://localhost:10000/persona/1
 - Obtener Todas las Personas:
 - GET http://localhost:10000/persona/all

SOAP

- Funcionalidad
 - Obtener Persona:
 - http://localhost:10000/persona/buscar
 - Crear Persona:
 - http://localhost:10000/persona/create
 - Actualizar Persona:
 - http://localhost:10000/persona/update
 - Eliminar Persona:
 - http://localhost:10000/persona/eliminar

```
22 @RestController
23 @RequestMapping(value = "/inmate")
24 @CrossOrigin("*")
       @PostMapping(produces = MediaType.APPLICATION_JSON_VALUE)
280
       public ResponseEntity<TokenDTO> createInmate(@RequestBody InmateDTO body) throws ChallengeWebException {
       @PutMapping(produces = MediaType.APPLICATION_JSON_VALUE)
340
       public ResponseEntity<TokenDTO> updateInmate(@RequestBody InmateDTO body) throws ChallengeWebException {
400
       @DeleteMapping(value = "/{id}", produces = MediaType.APPLICATION JSON VALUE)
       public ResponseEntity<TokenDTO> deleteInmate(@PathParam(value = "id") Integer id) throws ChallengeWebException {
       @GetMapping(value = "/{id}", produces = MediaType.APPLICATION JSON VALUE)
460
       public ResponseEntity<TokenDTO> getInmate(@PathParam(value = "id") Integer id) throws ChallengeWebException {
       // GET http://localhost:10000/inmate/all
       @GetMapping(value = "/all", produces = MediaType.APPLICATION JSON VALUE)
520
       public ResponseEntity<List<TokenDTO>> getInmate() throws ChallengeWebException
```

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09 julio

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10 julio

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СР	Claudio Galleguillos Pérez	Þ
СМ	Cristian M Rosales San Martin	Ø
CG	Cristofer Romero Gonzalez	Þ
МС	Marlene Flores Canto	Æ
ML	Maximiliano Contreras León	Þ
RP	Rossie M. Soto Paredes	Æ

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