

**BCEPHAL-MS-005**

**B-CEPHAL**



**Project**

Moriset

www.moriset.com

Table des matières

[Table des tableaux ii](#_Toc60735996)

[Table des figures ii](#_Toc60735997)

[1. introduction 1](#_Toc60735998)

[1.1. But du document 1](#_Toc60735999)

[1.2. Cible 1](#_Toc60736000)

[1.3. Portée du projet 1](#_Toc60736001)

[1.4. Acronymes et abréviations 1](#_Toc60736002)

[1.5. Documents de référence 1](#_Toc60736003)

[2. Généralités et définitions 1](#_Toc60736004)

[3. Implémentation 2](#_Toc60736005)

[3.1. La classe Project 2](#_Toc60736006)

[3.2. La classe ProjectRepository 2](#_Toc60736007)

[3.3. La classe ProjectService 2](#_Toc60736008)

[3.4. La classe ProjectController 2](#_Toc60736009)

[3.4.1. La ressource « create » 3](#_Toc60736010)

[3.4.2. La ressource « duplicate » 3](#_Toc60736011)

# Table des tableaux

[Tableau 1: Acronymes et abréviations 1](#_Toc60736012)

[Tableau 2: Document de référence 1](#_Toc60736013)

# Table des figures

Aucune entrée de table d'illustration n'a été trouvée.

# introduction

## But du document

Ce document décrit le micro-service « Project ».

## Cible

Ce document s’adresse à l’équipe de développement de B-CEPHAL.

## Portée du projet

## Acronymes et abréviations

|  |  |
| --- | --- |
| Acronyme/Abréviation | Définition |
|  |  |
|  |  |
|  |  |

Tableau 1: Acronymes et abréviations

## Documents de référence

|  |  |
| --- | --- |
| Référence | Titre |
|  |  |
|  |  |
|  |  |

Tableau 2: Document de référence

# Généralités et définitions

B-CEPHAL est une application multi projet. Les données d’un projet sont indépendantes de celles des autres projets. Physiquement, un projet est constitué d’une base de données et d’un ensemble de fichiers (xslx, csv, txt, …).

Un projet est identifié par un numéro unique.

Un utilisateur peut :

* Créer un nouveau projet
* Renommer un projet existant
* Dupliquer un projet
* Exporter ou importer un projet
* Activer/désactiver un projet
* Supprimer un projet

# Implémentation

## La classe Project

Package: *com.moriset.bcephal.security.domain*

Table: *BCP\_SEC\_PROJECT*

|  |  |  |  |
| --- | --- | --- | --- |
| **Project** | | | |
| **id** | Long | BIGINT | ID |
| **subscriptionId** | Long | BIGINT |  |
| **client** | String | VARCHAR (100) |  |
| **code** | String | VARCHAR (50) | Unique identifier |
| **name** | String | VARCHAR (100) | The name of the project |
| **description** | String | VARCHAR (255) | The description |
| **defaultProject** | Boolean | DEFAULT false |  |
| **path** | String | VARCHAR (255) |  |
| **dbname** | String | VARCHAR (100) |  |
| **username** | String | VARCHAR (50) |  |
| **creationDate** | Date | TIMESTAMP | The creation date and time |
| **modificationdate** | Date | TIMESTAMP |  |
| **toString()** | String |  | |

SQL:

CREATE TABLE bcp\_sec\_\_project (

id BIGINT not null,

subscriptionid BIGINT not null,

client VARCHAR(100),

code TEXT not null,

name VARCHAR(100) not null,

description VARCHAR(255),

defaultProject Boolean DEFAULT false,

path VARCHAR(255),

dbname VARCHAR(100),

username VARCHAR(50),

creationdate TIMESTAMP,

modificationdate TIMESTAMP,

PRIMARY KEY (id)

)

CREATE SEQUENCE sec\_project\_seq START WITH 1 INCREMENT BY 1;

## La classe ProjectRepository

|  |  |
| --- | --- |
| Optional<Project> findByCode(String code) |  |
| **int** deleteByCode(String code) |  |
| List<Project> findByNameOrCode(String name, String code) |  |
| List<Project> findByName(String name) |  |
| **boolean** existsByName(String name) |  |

## La classe ProjectService

|  |  |
| --- | --- |
| **ProjectService** extends Service | |
| EditorData<Project> getEditorData(EditorDataFilter filter, Locale locale) |  |
| Project getNewItem() |  |
| Sort getBrowserDatasSort(BrowserDataFilter filter, java.util.Locale locale) |  |
| BrowserDataPage<ProjectBrowserData> search(BrowserDataFilter filter, Long clientId, Long profileId,java.util.Locale locale) |  |
| Pageable getPageable(BrowserDataFilter filter, Sort sort) |  |
| Specification<ProjectBrowserData> getBrowserDatasSpecification(BrowserDataFilter filter, Long clientId,Long profileId, java.util.Locale locale) |  |
| **void** build(ColumnFilter columnFilter) |  |
| Optional<Project> findById(Long id) |  |
| Project save(Project project) |  |
| Optional<Project> rename(Long id, String newName) |  |
| List<Project> getAllByName(String name) |  |
| **void** validateBeforeSave(Project entity, Locale locale) |  |
| **int** delete(String code) |  |
| **void** deleteById(Long id) |  |
| Optional<ProjectBrowserData> findByCode(String code) |  |
| List<ProjectBrowserData> findBySubcription(Long subscriptionId, Long profileId) |  |
| List<ProjectBrowserData> findBySubcriptionAndName(Long subscriptionId, String projectName) |  |
| List<ProjectBrowserData> findBySubcriptionAndDefault(Long subscriptionId, Long profileId,Boolean defaultProject, String username) |  |
| Optional<ProjectBrowserData> findBySubcriptionAndCode(Long subscriptionId, String projectCode) |  |
| List<ProjectBrowserData> findAll() |  |
| List<Project> findByNameOrCode(String name, String projectCode) |  |
| List<Project> findByName(String name) |  |
| Optional<Project> findByCode\_(String name) |  |
| **boolean** existsByName(String name) |  |
| **boolean** existsByCode(String code) |  |
| Optional<ProjectBrowserData> findBySubcriptionAndProjectId(Long subscriptionId, Long projectId) |  |

## La classe ProjectController

|  |  |  |
| --- | --- | --- |
| **ProjectController** extends Controller | | |
| Created project | Project |  |
| GetEditorData | EditorData<Project> |  |
| save | Project |  |
| getById | Project |  |
| getUserWorkspaceNative | UserWorkspace |  |
| getUserWorkspace | UserWorkspace |  |
| openProject | String |  |
| search | BrowserDataPage<ProjectBrowserData> |  |
| getProjects | List<ProjectBrowserData> |  |
| getNewProjectName | String |  |
| updateProject | Project |  |
| renameProject | Project |  |
| deleteProject | **boolean** |  |
| closeProject | **boolean** |  |
| saveProjectBlock | ProjectBlock |  |
| saveProjectBlocks | **boolean** |  |
| deleteProjectBlock | **boolean** |  |
| existsByName | **boolean** |  |
| uploadWithResume | WebSocketDataTransfert |  |

### La ressource « create »

|  |  |  |
| --- | --- | --- |
| **create** | | |
| Header | @PostMapping(“/create”) | Created project |
|  | @ResponseStatus(HttpStatus.CREATED) |
|  |  |
|  |  |
| Exceptions |  |
|  |
|  |
| Parameters | @RequestParam (RequestParams.***BC\_CLIENT***) Long subscriptionId |
| @RequestHeader (RequestParams.***BC\_PROFILE***) Long profileId |
| @RequestBody Project project |
| @RequestHeader("Accept-Language") java.util.Locale locale |
| HttpSession session |
| @RequestHeader HttpHeaders headers |
| Response | Project |
|  |  |  |
|  | | |

### La ressource « editor-data »

|  |  |  |
| --- | --- | --- |
| **editor-data** | | |
| Header | @PostMapping (“/editor-data ”) | getEditorData |
|  |  |
|  |  |
|  |  |
| Exceptions |  |
|  |
|  |
| Parameters | @RequestBody EditorDataFilter filter |
| @RequestHeader("Accept-Language") java.util.Locale locale |
| Response | EditorData<Project> |
|  |  |  |
|  | | |

### La ressource « save »

|  |  |  |
| --- | --- | --- |
| **save** | | |
| Header | @PostMapping(“/save”) | save |
|  |  |
|  |  |
|  |  |
| Exceptions |  |
|  |
|  |
| Parameters | @RequestBody Project project |
| @RequestHeader (RequestParams.***BC\_CLIENT***) Long clientId |
| @RequestHeader("Accept-Language") java.util.Locale locale |
| Response | Project |
|  |  |  |
|  | | |

### La ressource « {id} »

|  |  |  |
| --- | --- | --- |
| getById | | |
| Header | @GetMapping (“/{id}”) | getById |
|  |  |
|  |  |
|  |  |
| Exceptions |  |
|  |
|  |
| Parameters | @PathVariable("id") Long id |
| @RequestHeader("Accept-Language") java.util.Locale locale |
| Response | Project |
|  |  |  |
|  | | |

### La ressource « user-workspace »

|  |  |  |
| --- | --- | --- |
| getUserWorkspaceNative | | |
| Header | @GetMapping (“/user-workspace”) | getUserWorkspaceNative |
|  |  |
|  |  |
|  |  |
| Exceptions |  |
|  |
|  |
| Parameters | JwtAuthenticationToken principal |
| @RequestHeader(RequestParams.***BC\_CLIENT***) Long subscriptionId |
| @RequestHeader (RequestParams.***BC\_PROFILE***) Long profileId |
| @RequestHeader(RequestParams.***LANGUAGE***) java.util.Locale locale |
| Response | UserWorkspace |
|  |  |  |
|  | | |

### La ressource « user-workspace/{subscriptionId}»

|  |  |  |
| --- | --- | --- |
| getUserWorkspace | | |
| Header | @GetMapping (“/user-workspace/{subscriptionId}”) | getUserWorkspace |
|  |  |
|  |  |
|  |  |
| Exceptions |  |
|  |
|  |
| Parameters | JwtAuthenticationToken principal |
| @RequestHeader("subscriptionId")Long subscriptionId |
| @RequestHeader(RequestParams.***BC\_PROFILE***) Long profileId |
| @RequestHeader(RequestParams.***LANGUAGE***) java.util.Locale locale |
| Response | UserWorkspace |
|  |  |  |
|  | | |

### La ressource « open »

|  |  |  |
| --- | --- | --- |
| openProject | | |
| Header | @PostMapping (“/open”) | openProject |
|  |  |
|  |  |
|  |  |
| Exceptions |  |
|  |
|  |
| Parameters | @RequestBody String projectCode |
| @RequestParam(RequestParams.***BC\_CLIENT***) Long clientId\_ |
| JwtAuthenticationToken principal |
| @RequestHeader(RequestParams.***LANGUAGE***) java.util.Locale locale |
| HttpSession session |
| Response | String |
|  |  |  |
|  | | |

### La ressource « search »

|  |  |  |
| --- | --- | --- |
| search | | |
| Header | @PostMapping (“/search”) | search |
|  |  |
|  |  |
|  |  |
| Exceptions |  |
|  |
|  |
| Parameters | @RequestBody BrowserDataFilter filter |
| @RequestHeader(RequestParams.***BC\_CLIENT***) Long clientId |
| @RequestHeader(RequestParams.***BC\_PROFILE***) Long profileId |
| @RequestHeader("Accept-Language") java.util.Locale locale |
| Response | BrowserDataPage<ProjectBrowserData> |
|  |  |  |
|  | | |

### La ressource « {subscriptionId}/{default-project} »

|  |  |  |
| --- | --- | --- |
| getProjects | | |
| Header | @GetMapping (“/{subscriptionId}/{default-project}”) | getProjects |
|  |  |
|  |  |
|  |  |
| Exceptions |  |
|  |
|  |
| Parameters | @PathVariable("subscriptionId") Long subscriptionId |
| @PathVariable("default-project") Boolean defaultProject |
| @RequestHeader(RequestParams.***BC\_PROFILE***) Long profileId |
| @RequestHeader(RequestParams.***LANGUAGE***) java.util.Locale locale |
| Response | List<ProjectBrowserData> |
|  |  |  |
|  | | |

### La ressource « new-project-name »

|  |  |  |
| --- | --- | --- |
| getNewProjectName | | |
| Header | @GetMapping (“/new-project-name”) | getNewProjectName |
|  | @ResponseStatus(HttpStatus.***OK***) |
|  |  |
|  |  |
| Exceptions |  |
|  |
|  |
| Parameters | @RequestParam(RequestParams.***BC\_CLIENT***) Long subscriptionId |
| @RequestHeader(RequestParams.***LANGUAGE***) java.util.Locale locale |
| Response | String |
|  |  |  |
|  | | |

### La ressource « update »

|  |  |  |
| --- | --- | --- |
| updateProject | | |
| Header | @PostMapping("/update") | updateProject |
|  | @ResponseStatus(HttpStatus.***OK***) |
|  |  |
|  |  |
| Exceptions |  |
|  |
|  |
| Parameters | @RequestParam(RequestParams.***BC\_CLIENT***) Long subscriptionId |
| @RequestBody Project project |
| @RequestHeader(RequestParams.***LANGUAGE***) java.util.Locale locale |
| Response | Project |
|  |  |  |
|  | | |

### La ressource « rename/{subscriptionId}/{projectId} »

|  |  |  |
| --- | --- | --- |
| renameProject | | |
| Header | @PostMapping("/rename/{subscriptionId}/{projectId}") | renameProject |
|  | @ResponseStatus(HttpStatus.***OK***) |
|  |  |
|  |  |
| Exceptions |  |
|  |
|  |
| Parameters | @PathVariable("projectId") Long projectId |
| @PathVariable("subscriptionId") Long clientId |
| @RequestBody String newProjectName |
| @RequestHeader(RequestParams.***LANGUAGE***) java.util.Locale locale |
| Response | Project |
|  |  |  |
|  | | |

### La ressource « delete/{projectId} »

|  |  |  |
| --- | --- | --- |
| deleteProject | | |
| Header | @DeleteMapping("/delete/{projectId}") | deleteProject |
|  | @ResponseStatus(HttpStatus.***OK***) |
|  |  |
|  |  |
| Exceptions |  |
|  |
|  |
| Parameters | @RequestHeader(RequestParams.***LANGUAGE***) java.util.Locale locale |
| Response | **Boolean** |
|  |  |  |
|  | | |

### La ressource « close »

|  |  |  |
| --- | --- | --- |
| closeProject | | |
| Header | @PostMapping("/close") | closeProject |
|  |  |
|  |  |
|  |  |
| Exceptions |  |
|  |
|  |
| Parameters | @RequestHeader(RequestParams.***LANGUAGE***) java.util.Locale locale |
| Response | **Boolean** |
|  |  |  |
|  | | |

### La ressource « save-project-block»

|  |  |  |
| --- | --- | --- |
| saveProjectBlock | | |
| Header | @PostMapping("/save-project-block") | saveProjectBlock |
|  |  |
|  |  |
|  |  |
| Exceptions |  |
|  |
|  |
| Parameters | @RequestHeader(RequestParams.***LANGUAGE***) java.util.Locale locale |
| JwtAuthenticationToken principal |
| @RequestParam(RequestParams.***BC\_CLIENT***) Long subscriptionId |
| @RequestBody ProjectBlock projectBlock |
| Response | Boolean |
|  |  |  |
|  | | |

### La ressource « save-project-blocks »

|  |  |  |
| --- | --- | --- |
| saveProjectBlocks | | |
| Header | @PostMapping("/save-project-blocks") | saveProjectBlocks |
|  |  |
|  |  |
|  |  |
| Exceptions |  |
|  |
|  |
| Parameters | @RequestHeader(RequestParams.***LANGUAGE***) java.util.Locale locale |
| JwtAuthenticationToken principal |
| @RequestParam(RequestParams.***BC\_CLIENT***) Long subscriptionId |
| @RequestBody List<ProjectBlock> projectBlocks |
| Response | Boolean |
|  |  |  |
|  | | |

### La ressource « delete-project-block/{projectBlockId} »

|  |  |  |
| --- | --- | --- |
| deleteProjectBlock | | |
| Header | @GetMapping("/delete-project-block/{projectBlockId}") | deleteProjectBlock |
|  |  |
|  |  |
|  |  |
| Exceptions |  |
|  |
|  |
| Parameters | @RequestHeader(RequestParams.***LANGUAGE***) java.util.Locale locale |
| @PathVariable("projectBlockId") Long projectBlockId |
| Response | Boolean |
|  |  |  |
|  | | |

### La ressource « exists-by-name»

|  |  |  |
| --- | --- | --- |
| existsByName | | |
| Header | @GetMapping("/exists-by-name") | existsByName |
|  |  |
|  |  |
|  |  |
| Exceptions |  |
|  |
|  |
| Parameters | @RequestHeader(RequestParams.***LANGUAGE***) java.util.Locale locale |
| @RequestParam("value") String projectName |
| Response | Boolean |
|  |  |  |
|  | | |

### La ressource « update-by-data/resume»

|  |  |  |
| --- | --- | --- |
| uploadWithResume | | |
| Header | @PostMapping(path="/upload-by-data/resume", consumes=MediaType.***MULTIPART\_FORM\_DATA\_VALUE***) | uploadWithResume |
|  |  |
|  |  |
|  |  |
| Exceptions |  |
|  |
|  |
| Parameters | @RequestPart("file") MultipartFile file |
| Response | WebSocketDataTransfert |
|  |  |  |
|  | | |

## La classe FunctionalityBlock

Package: *com.moriset.bcephal.security.domain*

Table: *BCP\_SEC\_FUNCTIONALITY\_BLOCK*

|  |  |  |  |
| --- | --- | --- | --- |
| **FUNCTIONALITY\_BLOCK** | | | |
| **id** | Long | BIGINT | ID |
| **projectId** | Long | BIGINT |  |
| **groupId** | Long | BIGINT |  |
| **code** | String | VARCHAR (256) | Unique identifier |
| **name** | String | VARCHAR (256) | The name of the project |
| **username** | String | VARCHAR (50) |  |
| **clientId** | Long | BIGINT |  |
| **position** | Integer | INT | DEFAULT 0 |
| **background** | Integer | INT |  |
| **foreground** | Integer | INT |  |
| **flowBreak** | Boolean |  |  |
| **toString()** | String |  | |

SQL:

CREATE TABLE bcp\_sec\_\_functionality\_block(

id BIGINT not null,

projectid BINGINT not null,

groupId BINGINT not null,

code VARCHAR(256),

name VARCHAR(256) not null,

username VARCHAR(50) not null,

position INTEGER DEFAULT 0,

background INTEGER,

foreground INTEGER,

flowBreak BOOLEAN,

PRIMARY KEY (id)

)

CREATE SEQUENCE sec\_functionality\_block\_seq START WITH 1 INCREMENT BY 1;

## La classe FunctionalityBlockRepository

|  |  |
| --- | --- |
| List<FunctionalityBlock> findByUsername(String username) |  |
| List<FunctionalityBlock> findByProjectIdAndUsername(Long projectId, String username) |  |
| **void** deleteByGroupId(Long groupId) |  |

## La classe FunctionalityBlockService

|  |  |
| --- | --- |
| **FunctionalityBlockService** extends Service | |
| FunctionalityBlock save(FunctionalityBlock functionalityBlock, Long projectId, String username) |  |
| **void** save(List<FunctionalityBlock> functionalityBlocks, Long projectId, String username) |  |
| List<FunctionalityBlock> findAll() |  |
| **void** deleteById(Long projectBlockId) |  |
| List<FunctionalityBlock> findByUsername(String username) |  |
| List<FunctionalityBlock> findByProjectIdAndUsername(Long projectId, String username) |  |

## La classe FunctionalityBlockGroup

Package: *com.moriset.bcephal.security.domain*

Table: *BCP\_SEC\_FUNCTIONALITY\_BLOCK\_GROUP*

|  |  |  |  |
| --- | --- | --- | --- |
| **FUNCTIONALITY\_BLOCK\_GROUP** | | | |
| **id** | Long | BIGINT | ID |
| **projectId** | Long | BIGINT |  |
| **name** | String | VARCHAR (256) | The name of the project |
| **username** | String | VARCHAR (50) |  |
| **position** | Integer | INT | DEFAULT 0 |
| **background** | Integer | INT |  |
| **foreground** | Integer | INT |  |
| **defaultgroup** | Boolean |  |  |
| **toString()** | String |  | |

SQL:

CREATE TABLE bcp\_sec\_\_functionality\_block\_group(

id BIGINT not null,

projectid BINGINT not null,

name VARCHAR(256) not null,

username VARCHAR(50) not null,

position INTEGER DEFAULT 0,

background INTEGER,

foreground INTEGER,

defaultGroup BOOLEAN,

PRIMARY KEY (id)

)

CREATE SEQUENCE sec\_functionality\_block\_group\_seq START WITH 1 INCREMENT BY 1;

## La classe FuntionalityBlockGroupRepository

|  |  |
| --- | --- |
| List<FunctionalityBlockGroup> findByUsername(String username) |  |
| List<FunctionalityBlockGroup> findByProjectIdAndUsername(Long projectId, String username) |  |

## La classe FuntionalityBlockGroupService

|  |  |
| --- | --- |
| **FunctionalityBlockGroupService** extends Service | |
| FunctionalityBlockGroup save(FunctionalityBlockGroup group, Long projectId, String username) |  |
| **boolean** delete(Long id) |  |
| List<FunctionalityBlockGroup> findByUsername(String username) |  |
| FunctionalityBlockGroup GetById(Long id) |  |
| List<FunctionalityBlockGroup> findByProjectIdAndUsername(Long projectId, String username) |  |
| Optional<Project> findByCode\_(String name) |  |
| **boolean** existsByName(String name) |  |
| **boolean** existsByCode(String code) |  |
| Optional<ProjectBrowserData> findBySubcriptionAndProjectId(Long subscriptionId, Long projectId) |  |

## La classe Profile

Package: *com.moriset.bcephal.security.domain*

Table: *BCP\_SEC\_PROFIL*

|  |  |  |  |
| --- | --- | --- | --- |
| **Profil** | | | |
| **id** | Long | BIGINT | ID |
| **code** | String | VARCHAR (100) | Unique identifier |
| **name** | String | VARCHAR (100) | The name of the project |
| **client** | String | VARCHAR (100) |  |
| **clientId** | Long | BIGINT |  |
| **type\_** | String | VARCHAR (100) |  |
| **description** | String | VARCHAR (50) |  |
| **creationDate** | Date | TIMESTAMP | The creation date and time |
| **modificationdate** | Date | TIMESTAMP |  |
| **toString()** | String |  | |

SQL:

CREATE TABLE bcp\_sec\_\_profil (

id BIGINT not null,

client VARCHAR(100),

code VARCHAR(100),

name VARCHAR(100) not null,

clientId BINGINT,

type\_ VARCHAR(100),

description TEXT,

creationdate TIMESTAMP,

modificationdate TIMESTAMP,

PRIMARY KEY (id)

)

CREATE SEQUENCE sec\_profil\_seq START WITH 1 INCREMENT BY 1;

## La classe ProfileRepository

ProfileRepository **extends** PersistentRepository<Profile>

## La classe Subcription

Package: *com.moriset.bcephal.security.domain*

Table: *BCP\_SEC\_SUBSCRIPTION*

|  |  |  |  |
| --- | --- | --- | --- |
| **Subscription** | | | |
| **id** | Long | BIGINT | ID |
| **name** | String | VARCHAR (100) | The name of the project |
| **maxuser** | Integer |  |  |
| **owneruser** | String | VARCHAR (50) |  |
| **status** | String | VARCHAR (20) |  |
| **defaultSubscription** | Boolean | DEFAULT FALSE |  |
| **toString()** | String |  | |

SQL:

CREATE TABLE bcp\_sec\_\_subscription(

id BIGINT not null,

name VARCHAR(100) not null,

maxuser INTEGER,

owneruser VARCHAR(50),

status VARCHAR(20),

defaultsubscription BOOLEAN DEFAULT FALSE,

PRIMARY KEY (id)

)

CREATE SEQUENCE sec\_subscription\_seq START WITH 1 INCREMENT BY 1;

## La classe SubcriptionRepository

|  |  |
| --- | --- |
| Subscription findByName(String name) |  |

## La classe SubcriptionService

|  |  |
| --- | --- |
| **SubscriptionService** extends Service | |
| Subscription save(Subscription subscription) |  |
| Optional<SubscriptionBrowserData> findById(Long id) |  |
| List<SubscriptionBrowserData> findAll() |  |
| List<SubscriptionBrowserData> findDefaultSubscription() |  |
| Specification<Subscription> getBrowserDatasSpecification(BrowserDataFilter filter, Locale locale) |  |
| SubscriptionRepository getRepository() |  |
| SubscriptionCustomBrowserData getNewBrowserData(Subscription item) |  |
| Subscription getByName(String name) |  |
| Subscription getById(Long id) |  |
| EditorData<Subscription>  getEditorData(EditorDataFilter filter, Locale locale) |  |
| Subscription getNewItem() |  |