CalCARE

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Chapter 1

Hierarchical Index

1.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

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it.polimi.se.calcare.service.AbstractFacade< Calendar > . . . 5
it.polimi.se.calcare.service.CalendarFacadeREST . . . 10
it.polimi.se.calcare.service.AbstractFacade< Event > . . . 5
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- it.polimi.se.calcare.entities.Forecast . . . 17
- it.polimi.se.calcare.entities.ForecastPK . . . 20
- it.polimi.se.calcare.entities.Notification . . . 24
- it.polimi.se.calcare.entities.NotificationType . . . 26
- it.polimi.se.calcare.entities.Participation . . . 28
- it.polimi.se.calcare.entities.ParticipationPK . . . 31
- it.polimi.se.calcare.entities.User . . . 34
- it.polimi.se.calcare.entities.WeatherCondition . . . 37

Chapter 2

Class Index

2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

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it.polimi.se.calcare.service.ApplicationConfig 6
it.polimi.se.calcare.auth.AuthFilter 7
it.polimi.se.calcare.auth.AuthRequired 7
it.polimi.se.calcare.service.AuthREST 8
it.polimi.se.calcare.entities.Calendar 8
it.polimi.se.calcare.service.CalendarFacadeREST 10
it.polimi.se.calcare.entities.City 11
it.polimi.se.calcare.service.CronJob 12
it.polimi.se.calcare.entities.NotificationType.Enum 12
it.polimi.se.calcare.entities.Event 13
it.polimi.se.calcare.dto.EventCreationDTO 15
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it.polimi.se.calcare.entities.ForecastPK 20
it.polimi.se.calcare.service.GetWeather 21
it.polimi.se.calcare.service.GetWeatherTest 21
it.polimi.se.calcare.JSONExceptionMapper 22
it.polimi.se.calcare.helpers.JWTHelper 23
it.polimi.se.calcare.entities.Notification 24
it.polimi.se.calcare.service.NotificationFacadeREST 25
it.polimi.se.calcare.helpers.NotificationHelper 26
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Chapter 3

Class Documentation

3.1 it.polimi.se.calcare.service.AbstractFacade< T > Class Template Reference

Public Member Functions

- **AbstractFacade** (Class< T > entityClass)
- void **create** (T entity)
- void **edit** (T entity)
- void **remove** (T entity)
- T **find** (Object id)
- List< T > **findAll** ()
- List< T > **findRange** (int[ ] range)
- int **count** ()

Protected Member Functions

- abstract EntityManager **getEntityManager** ()

3.1.1 Detailed Description

Author

tyrion

Parameters

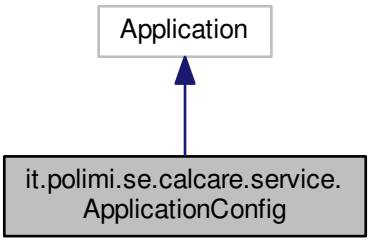
<T>	

The documentation for this class was generated from the following file:

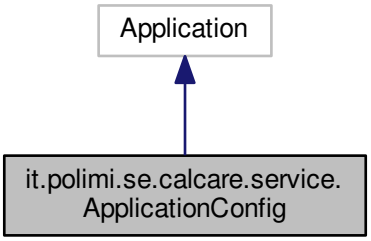
- src/main/java/it/polimi/se/calcare/service/AbstractFacade.java

3.2 it.polimi.se.calcare.service.ApplicationConfig Class Reference

Inheritance diagram for it.polimi.se.calcare.service.ApplicationConfig:



Collaboration diagram for it.polimi.se.calcare.service.ApplicationConfig:



Public Member Functions

- Set< Class<?> > **getClasses** ()

3.2.1 Detailed Description

Author

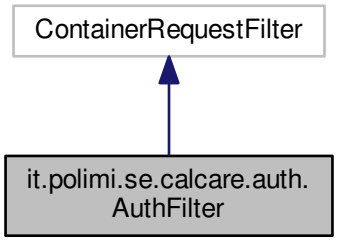
tyrion

The documentation for this class was generated from the following file:

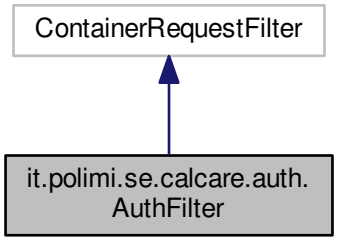
- src/main/java/it/polimi/se/calcare/service/ApplicationConfig.java

3.3 it.polimi.se.calcare.auth.AuthFilter Class Reference

Inheritance diagram for it.polimi.se.calcare.auth.AuthFilter:



Collaboration diagram for it.polimi.se.calcare.auth.AuthFilter:



Public Member Functions

- void **filter** (ContainerRequestContext requestContext) throws IOException

3.3.1 Detailed Description

Author

Germano Gabbianelli

The documentation for this class was generated from the following file:

- src/main/java/it/polimi/se/calcare/auth/AuthFilter.java

3.4 it.polimi.se.calcare.auth.AuthRequired Interface Reference

3.4.1 Detailed Description

Author

tyrion

The documentation for this interface was generated from the following file:

- src/main/java/it/polimi/se/calcare/auth/AuthRequired.java

3.5 it.polimi.se.calcare.service.AuthREST Class Reference

Public Member Functions

- String **login** (@FormParam("email") String email,@FormParam("password") String password) throws InvalidKeySpecException, NoSuchAlgorithmException
- Response **activate** (@QueryParam("token") String token) throws URISyntaxException
- void **requestReset** (@Context UriInfo ui,@FormParam("email") String email)
- void **reset** (@QueryParam("token") String token,@FormParam("password") String password) throws No↩ SuchAlgorithmException, InvalidKeySpecException

3.5.1 Detailed Description

Author

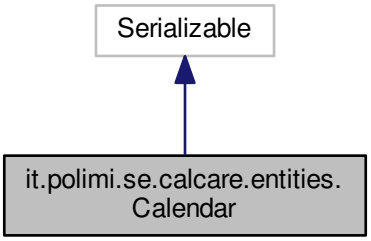
Germano Gabbianelli

The documentation for this class was generated from the following file:

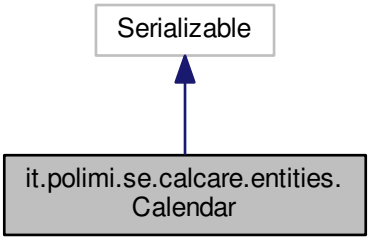
- src/main/java/it/polimi/se/calcare/service/AuthREST.java

3.6 it.polimi.se.calcare.entities.Calendar Class Reference

Inheritance diagram for it.polimi.se.calcare.entities.Calendar:



Collaboration diagram for it.polimi.se.calcare.entities.Calendar:



Public Member Functions

- **Calendar** (Integer id)
- Integer **getId** ()
- void **setId** (Integer id)
- Collection< Participation > **getParticipations** ()
- void **setParticipations** (Collection< Participation > participations)
- User **getOwner** ()
- void **setOwner** (User owner)
- boolean **isPublic1** ()
- void **setPublic1** (boolean public1)
- int **hashCode** ()
- boolean **equals** (Object object)
- String **toString** ()

3.6.1 Detailed Description

Author

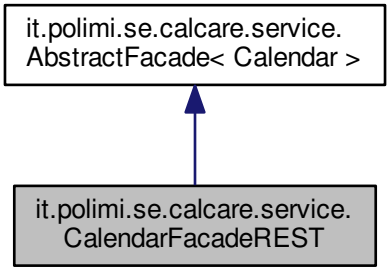
tyrion

The documentation for this class was generated from the following file:

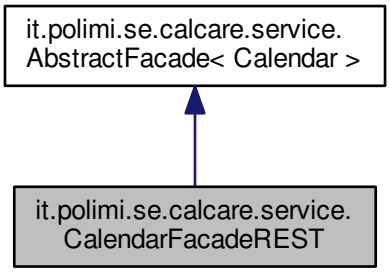
- src/main/java/it/polimi/se/calcare/entities/Calendar.java

3.7 it.polimi.se.calcare.service.CalendarFacadeREST Class Reference

Inheritance diagram for it.polimi.se.calcare.service.CalendarFacadeREST:



Collaboration diagram for it.polimi.se.calcare.service.CalendarFacadeREST:



Public Member Functions

- void **edit** (@Context SecurityContext sc, Calendar entity)
- Set< Event > **find** (@Context SecurityContext sc,@PathParam("id") Integer id)
- Calendar **myCalendar** (@Context SecurityContext sc)
- List< Event > **myEvents** (@Context SecurityContext sc)
- List< Calendar > **search** (@Context SecurityContext sc,@QueryParam("search") String search)

Protected Member Functions

- EntityManager **getEntityManager** ()

3.7.1 Detailed Description

Author

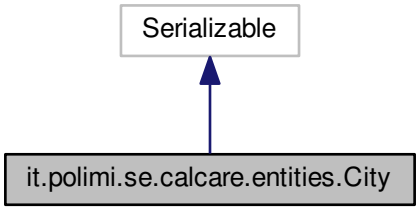
tyrion

The documentation for this class was generated from the following file:

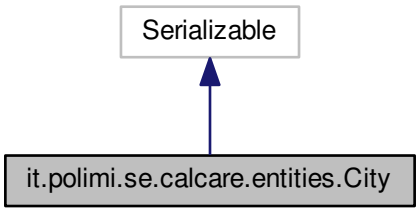
- src/main/java/it/polimi/se/calcare/service/CalendarFacadeREST.java

3.8 it.polimi.se.calcare.entities.City Class Reference

Inheritance diagram for it.polimi.se.calcare.entities.City:



Collaboration diagram for it.polimi.se.calcare.entities.City:



Public Member Functions

- **City** (Integer id)
- **City** (Integer id, String name, String country, double lat, double lon)
- Integer **getId** ()

- void **setId** (Integer id)
- String **getName** ()
- void **setName** (String name)
- String **getCountry** ()
- void **setCountry** (String country)
- double **getLat** ()
- void **setLat** (double lat)
- double **getLon** ()
- void **setLon** (double lon)
- Collection< Forecast > **getForecastCollection** ()
- void **setForecastCollection** (Collection< Forecast > forecastCollection)
- int **hashCode** ()
- boolean **equals** (Object object)
- String **toString** ()

3.8.1 Detailed Description

Author

tyrion

The documentation for this class was generated from the following file:

- src/main/java/it/polimi/se/calcare/entities/City.java

3.9 it.polimi.se.calcare.service.CronJob Class Reference

Public Member Functions

- void **WeatherFetcher** () throws IOException, JSONException, Exception

3.9.1 Detailed Description

Author

nopesled

The documentation for this class was generated from the following file:

- src/main/java/it/polimi/se/calcare/service/CronJob.java

3.10 it.polimi.se.calcare.entities.NotificationType.Enum Enum Reference

Public Member Functions

- **Enum** (int id)

Public Attributes

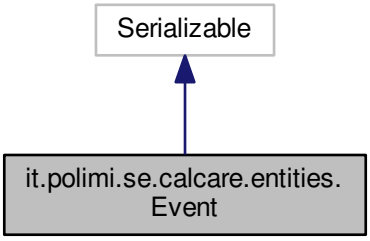
- **INVITATION** =(1)
- **BAD_WEATHER** =(2)
- int **id**

The documentation for this enum was generated from the following file:

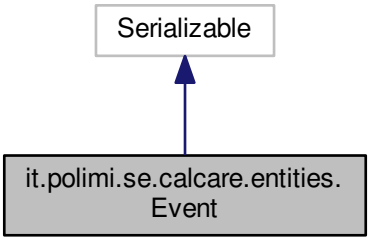
- src/main/java/it/polimi/se/calcare/entities/NotificationType.java

3.11 it.polimi.se.calcare.entities.Event Class Reference

Inheritance diagram for it.polimi.se.calcare.entities.Event:



Collaboration diagram for it.polimi.se.calcare.entities.Event:



Public Member Functions

- **Event** (Integer id)
- **Event** (String name, String description, Date start, Date end, String location, boolean public1, boolean outdoor)
- **Event** (Date start, Date end, boolean public1)
- Integer **getId** ()

- void **setId** (Integer id)
- String **getName** ()
- void **setName** (String name)
- String **getDescription** ()
- void **setDescription** (String description)
- Date **getStart** ()
- void **setStart** (Date start)
- Date **getEnd** ()
- void **setEnd** (Date end)
- String **getLocation** ()
- void **setLocation** (String location)
- boolean **getPublic1** ()
- boolean **isPublic** ()
- void **setPublic1** (boolean public1)
- boolean **getOutdoor** ()
- void **setOutdoor** (boolean outdoor)
- Collection< Forecast > **getForecastCollection** ()
- void **setForecastCollection** (Collection< Forecast > forecastCollection)
- Collection< Participation > **getParticipationCollection** ()
- void **setParticipationCollection** (Collection< Participation > participationCollection)
- User **getCreator** ()
- void **setCreator** (User creator)
- Collection< Notification > **getNotificationCollection** ()
- void **setNotificationCollection** (Collection< Notification > notificationCollection)
- Event **asPrivate** ()
- int **hashCode** ()
- boolean **equals** (Object object)
- String **toString** ()

3.11.1 Detailed Description

Author

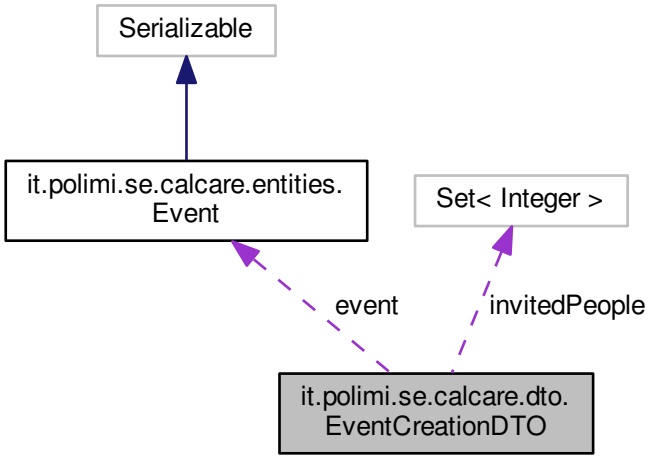
tyrion

The documentation for this class was generated from the following file:

- src/main/java/it/polimi/se/calcare/entities/Event.java

3.12 it.polimi.se.calcare.dto.EventCreationDTO Class Reference

Collaboration diagram for it.polimi.se.calcare.dto.EventCreationDTO:



Public Member Functions

- **EventCreationDTO** (Event event, Set< Integer > invitedUsers)
- Event **getEvent** ()
- void **setEvent** (Event event)
- Set< Integer > **getInvitedPeople** ()
- void **setInvitedPeople** (Set< Integer > invitations)

Public Attributes

- Set< Integer > **invitedPeople**
- Event **event**

3.12.1 Detailed Description

Author

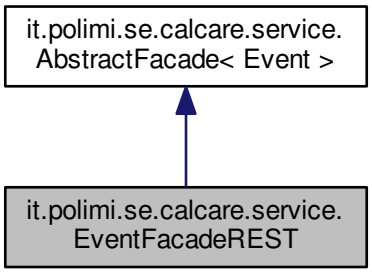
tyrion

The documentation for this class was generated from the following file:

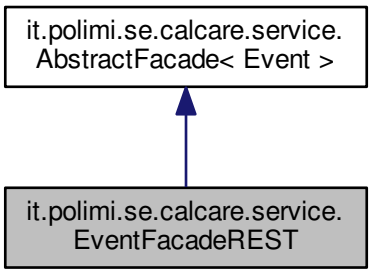
- src/main/java/it/polimi/se/calcare/dto/EventCreationDTO.java

3.13 it.polimi.se.calcare.service.EventFacadeREST Class Reference

Inheritance diagram for it.polimi.se.calcare.service.EventFacadeREST:



Collaboration diagram for it.polimi.se.calcare.service.EventFacadeREST:



Public Member Functions

- void **create** (@Context SecurityContext sc,@Context UriInfo ui, EventCreationDTO dto)
- void **edit** (@Context SecurityContext sc,@Context UriInfo ui,@PathParam("id") Integer id, EventCreationDTO dto)
- void **remove** (@Context SecurityContext sc,@PathParam("id") Integer id)
- Event **find** (@Context SecurityContext sc,@PathParam("id") Integer id)

Protected Member Functions

- EntityManager **getEntityManager** ()

3.13.1 Detailed Description

Author

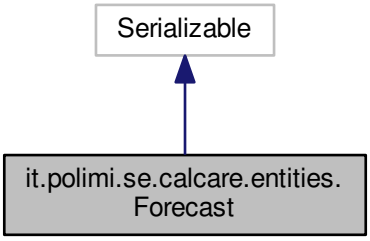
tyrion

The documentation for this class was generated from the following file:

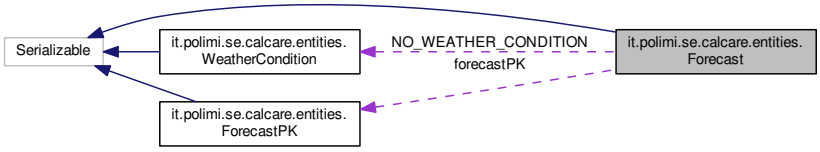
- src/main/java/it/polimi/se/calcare/service/EventFacadeREST.java

3.14 it.polimi.se.calcare.entities.Forecast Class Reference

Inheritance diagram for it.polimi.se.calcare.entities.Forecast:



Collaboration diagram for it.polimi.se.calcare.entities.Forecast:



Public Member Functions

- **Forecast** (ForecastPK forecastPK)
- **Forecast** (ForecastPK forecastPK, double tempMin, double tempMax, double pressure, double humidity)
- **Forecast** (Date dt, int city)
- ForecastPK **getForecastPK** ()
- void **setForecastPK** (ForecastPK forecastPK)
- double **getTempMin** ()
- void **setTempMin** (double tempMin)
- double **getTempMax** ()
- void **setTempMax** (double tempMax)
- double **getPressure** ()
- void **setPressure** (double pressure)
- double **getHumidity** ()
- void **setHumidity** (double humidity)

- Collection< Event > **getEventCollection** ()
- void **setEventCollection** (Collection< Event > eventCollection)
- City **getCity1** ()
- void **setCity1** (City city1)
- WeatherCondition **getWeatherCondition** ()
- void **setWeatherCondition** (WeatherCondition weatherCondition)
- int **hashCode** ()
- boolean **equals** (Object object)
- String **toString** ()

Static Public Attributes

- static final WeatherCondition **NO_WEATHER_CONDITION** = new WeatherCondition(1)

Protected Attributes

- ForecastPK **forecastPK**

3.14.1 Detailed Description

Author

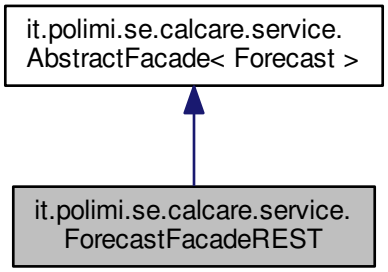
tyrion

The documentation for this class was generated from the following file:

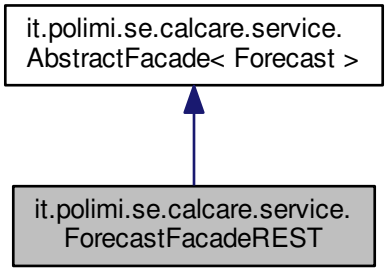
- src/main/java/it/polimi/se/calcare/entities/Forecast.java

3.15 it.polimi.se.calcare.service.ForecastFacadeREST Class Reference

Inheritance diagram for it.polimi.se.calcare.service.ForecastFacadeREST:



Collaboration diagram for it.polimi.se.calcare.service.ForecastFacadeREST:



Public Member Functions

- void **create** (Forecast entity)
- void **edit** (@PathParam("id") PathSegment id, Forecast entity)
- void **remove** (@PathParam("id") PathSegment id)
- Forecast **find** (@PathParam("id") PathSegment id)
- List< Forecast > **findAll** ()
- List< Forecast > **findRange** (@PathParam("from") Integer from,@PathParam("to") Integer to)
- String **countREST** ()

Protected Member Functions

- EntityManager **getEntityManager** ()

3.15.1 Detailed Description

Author

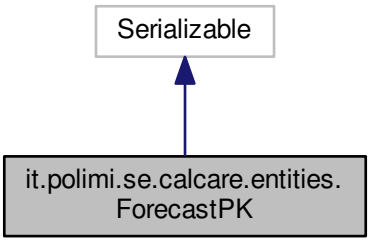
tyrion

The documentation for this class was generated from the following file:

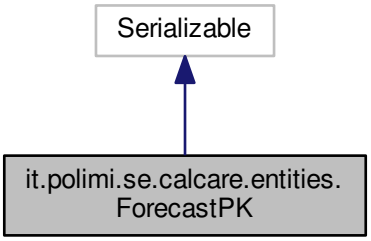
- src/main/java/it/polimi/se/calcare/service/ForecastFacadeREST.java

3.16 it.polimi.se.calcare.entities.ForecastPK Class Reference

Inheritance diagram for it.polimi.se.calcare.entities.ForecastPK:



Collaboration diagram for it.polimi.se.calcare.entities.ForecastPK:



Public Member Functions

- **ForecastPK** (Date dt, int city)
- Date **getDt** ()
- void **setDt** (Date dt)
- int **getCity** ()
- void **setCity** (int city)
- int **hashCode** ()
- boolean **equals** (Object object)
- String **toString** ()

3.16.1 Detailed Description

Author

tyrion

The documentation for this class was generated from the following file:

- src/main/java/it/polimi/se/calcare/entities/ForecastPK.java

3.17 it.polimi.se.calcare.service.GetWeather Class Reference

Public Member Functions

- City **createCity** (String addr) throws MalformedURLException, IOException, JSONException
- List< Forecast > **updateForecast** (City city, List< Forecast > forecasts) throws MalformedURLException, JSONException, IOException
- String **jsonBuilder** (InputStream urlBuilder)
- void **googleJsonDecoder** (JSONObject obj, City newCity) throws JSONException
- City **openweatherJsonDecoderCity** (JSONObject obj, City newCity) throws JSONException
- Forecast **openweatherJsonDecoderWeather** (JSONObject obj, Forecast forecast, int day) throws JSON↩ Exception

Static Public Member Functions

- static URL **googleUrlBuilder** (String addr) throws MalformedURLException, UnsupportedEncoding↩ Exception
- static URL **openWeatherUrlBuilder** (String addr) throws MalformedURLException, UnsupportedEncoding↩ Exception

3.17.1 Detailed Description

Author

nopesled

The documentation for this class was generated from the following file:

- src/main/java/it/polimi/se/calcare/service/GetWeather.java

3.18 it.polimi.se.calcare.service.GetWeatherTest Class Reference

Public Member Functions

- void **setUp** ()
- void **tearDown** ()
- void testGoogleUrlBuilder () throws MalformedURLException, UnsupportedEncodingException

  Test of googleUrlBuilder method, of class GetWeather.
- void testCreateCity () throws IOException, MalformedURLException, JSONException

  Test of createCity method, of class GetWeather.
- void testUpdateForecast () throws JSONException, IOException

  Test of updateForecast method, of class GetWeather.

- void testGoogleJsonDecoder () throws Exception

  Test of googleJsonDecoder method, of class GetWeather.

- void testOpenWeatherUrlBuilder () throws Exception

  Test of openWeatherUrlBuilder method, of class GetWeather.

Static Public Member Functions

- static void **setUpClass** ()
- static void **tearDownClass** ()

3.18.1 Detailed Description

Author

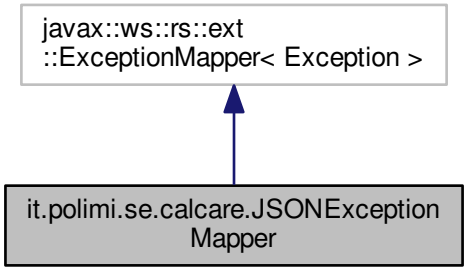
nopesled

The documentation for this class was generated from the following file:

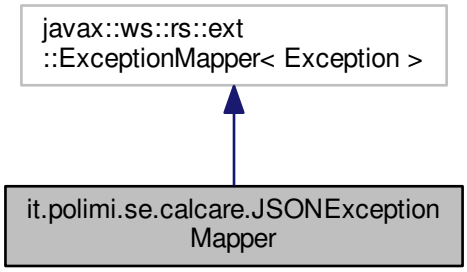
- src/test/java/it/polimi/se/calcare/service/GetWeatherTest.java

3.19 it.polimi.se.calcare.JSONExceptionMapper Class Reference

Inheritance diagram for it.polimi.se.calcare.JSONExceptionMapper:



Collaboration diagram for it.polimi.se.calcare.JSONExceptionMapper:



Public Member Functions

- Response **toResponse** (Exception exception)

3.19.1 Detailed Description

Author

Germano Gabbianelli

The documentation for this class was generated from the following file:

- src/main/java/it/polimi/se/calcare/JSONExceptionMapper.java

3.20 it.polimi.se.calcare.helpers.JWTHelper Class Reference

Static Public Member Functions

- static String **encode** (Map< String, Object > map)
- static String **encode** (String key, Object value)
- static String **encode** (String key, User user)
- static Map< String, Object > **decode** (String token, int status)
- static Map< String, Object > **decode** (String token)
- static< T > T **decode** (String token, String key, int status)
- static< T > T **decode** (String token, String key)

3.20.1 Detailed Description

Author

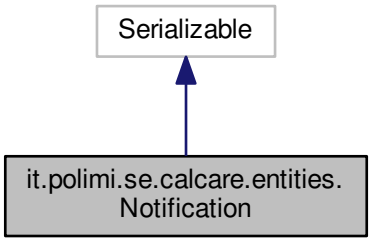
Germano Gabbianelli

The documentation for this class was generated from the following file:

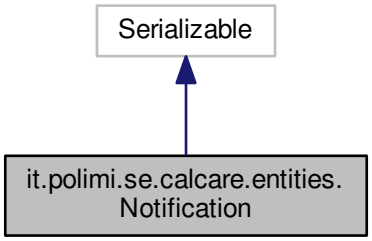
- src/main/java/it/polimi/se/calcare/helpers/JWTHelper.java

3.21 it.polimi.se.calcare.entities.Notification Class Reference

Inheritance diagram for it.polimi.se.calcare.entities.Notification:



Collaboration diagram for it.polimi.se.calcare.entities.Notification:



Public Member Functions

- **Notification** (Event event, NotificationType type, User user)
- **Notification** (Integer id)
- Integer **getId** ()
- void **setId** (Integer id)
- Event **getEvent** ()
- void **setEvent** (Event event)
- NotificationType **getType** ()
- void **setType** (NotificationType type)
- User **getUser** ()
- void **setUser** (User user)
- String **getDescription** ()
- int **hashCode** ()
- boolean **equals** (Object object)
- String **toString** ()

3.21.1 Detailed Description

Author

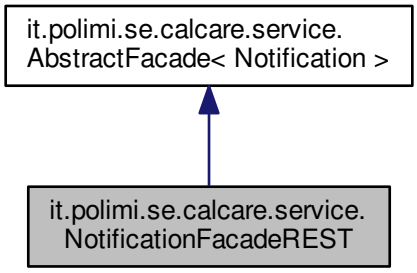
tyrion

The documentation for this class was generated from the following file:

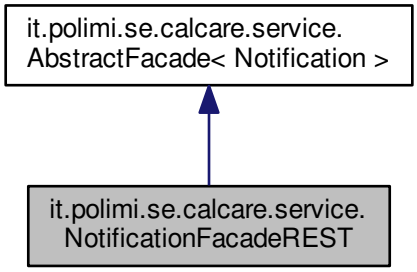
- src/main/java/it/polimi/se/calcare/entities/Notification.java

3.22 it.polimi.se.calcare.service.NotificationFacadeREST Class Reference

Inheritance diagram for it.polimi.se.calcare.service.NotificationFacadeREST:



Collaboration diagram for it.polimi.se.calcare.service.NotificationFacadeREST:



Public Member Functions

- List< Notification > **findAll** (@Context SecurityContext sc)

Protected Member Functions

- EntityManager **getEntityManager** ()

3.22.1 Detailed Description

Author

tyrion

The documentation for this class was generated from the following file:

- src/main/java/it/polimi/se/calcare/service/NotificationFacadeREST.java

3.23 it.polimi.se.calcare.helpers.NotificationHelper Class Reference

Public Member Functions

- **NotificationHelper** (EntityManager em, NotificationType.Enum type, Event event)
- Notification **sendTo** (User user, URI link, Object...args)
- Notification **sendTo** (User user, String link, Object...args)

3.23.1 Detailed Description

Author

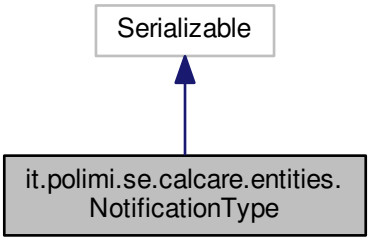
Germano Gabbianelli

The documentation for this class was generated from the following file:

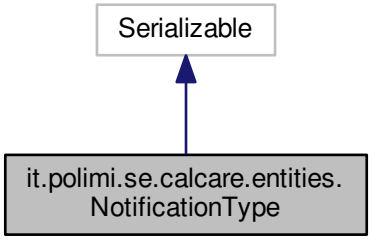
- src/main/java/it/polimi/se/calcare/helpers/NotificationHelper.java

3.24 it.polimi.se.calcare.entities.NotificationType Class Reference

Inheritance diagram for it.polimi.se.calcare.entities.NotificationType:



Collaboration diagram for it.polimi.se.calcare.entities.NotificationType:



Classes

- enum Enum

Public Member Functions

- **NotificationType** (Integer id)
- **NotificationType** (Integer id, String name, String description)
- Integer **getId** ()
- void **setId** (Integer id)
- String **getName** ()
- void **setName** (String name)
- String **getDescription** ()
- void **setDescription** (String description)
- Collection< Notification > **getNotificationCollection** ()
- void **setNotificationCollection** (Collection< Notification > notificationCollection)
- int **hashCode** ()
- boolean **equals** (Object object)
- String **toString** ()

3.24.1 Detailed Description

Author

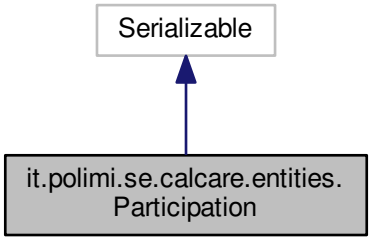
tyrion

The documentation for this class was generated from the following file:

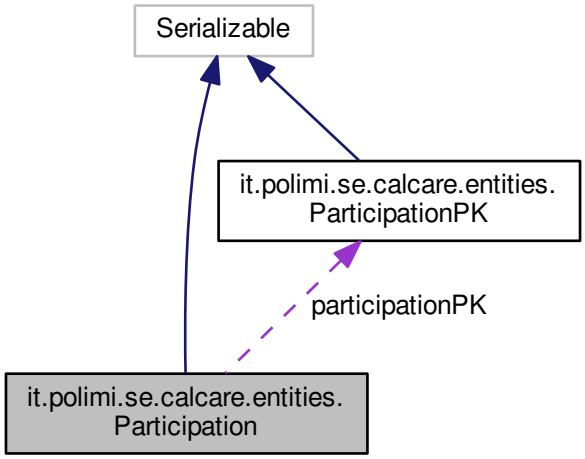
- src/main/java/it/polimi/se/calcare/entities/NotificationType.java

3.25 it.polimi.se.calcare.entities.Participation Class Reference

Inheritance diagram for it.polimi.se.calcare.entities.Participation:



Collaboration diagram for it.polimi.se.calcare.entities.Participation:



Public Member Functions

- **Participation** (ParticipationPK participationPK)
- **Participation** (int event, int calendarsId)
- **Participation** (int event, int calendarsId, Boolean accepted)
- **Participation** (Event event, Calendar calendar, Boolean accepted)
- **Participation** (Event event, Calendar calendar)
- ParticipationPK **getParticipationPK** ()
- void **setParticipationPK** (ParticipationPK participationPK)
- Boolean **getAccepted** ()
- void **setAccepted** (Boolean accepted)

- Calendar **getCalendar** ()
- void **setCalendar** (Calendar calendar)
- Event **getEvent** ()
- void **setEvent** (Event event)
- User **getUser** ()
- int **hashCode** ()
- boolean **equals** (Object object)
- String **toString** ()

Protected Attributes

- ParticipationPK **participationPK**

3.25.1 Detailed Description

Author

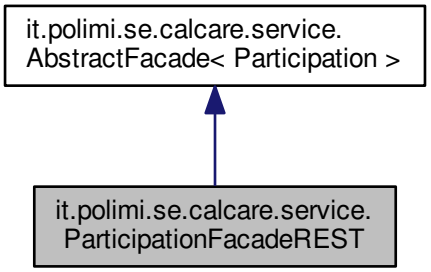
tyrion

The documentation for this class was generated from the following file:

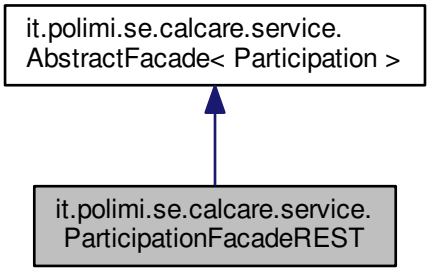
- src/main/java/it/polimi/se/calcare/entities/Participation.java

3.26 it.polimi.se.calcare.service.ParticipationFacadeREST Class Reference

Inheritance diagram for it.polimi.se.calcare.service.ParticipationFacadeREST:



Collaboration diagram for it.polimi.se.calcare.service.ParticipationFacadeREST:



Public Member Functions

- void **create** (Participation entity)
- void **edit** (@PathParam("id") PathSegment id, Participation entity)
- void **remove** (@PathParam("id") PathSegment id)
- Participation **find** (@PathParam("id") PathSegment id)
- List< Participation > **findAll** ()
- List< Participation > **findRange** (@PathParam("from") Integer from,@PathParam("to") Integer to)
- String **countREST** ()

Protected Member Functions

- EntityManager **getEntityManager** ()

3.26.1 Detailed Description

Author

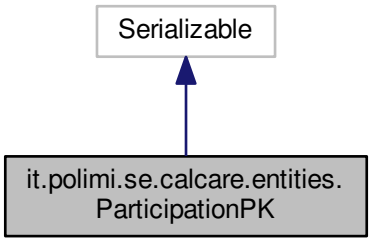
tyrion

The documentation for this class was generated from the following file:

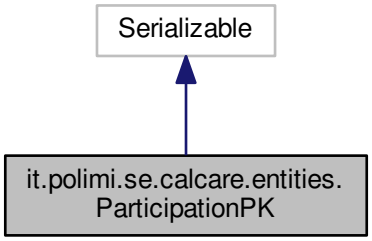
- src/main/java/it/polimi/se/calcare/service/ParticipationFacadeREST.java

3.27 it.polimi.se.calcare.entities.ParticipationPK Class Reference

Inheritance diagram for it.polimi.se.calcare.entities.ParticipationPK:



Collaboration diagram for it.polimi.se.calcare.entities.ParticipationPK:



Public Member Functions

- **ParticipationPK** (int event, int calendarsId)
- int **getEvent** ()
- void **setEvent** (int event)
- int **getCalendarsId** ()
- void **setCalendarsId** (int calendarsId)
- int **hashCode** ()
- boolean **equals** (Object object)
- String **toString** ()

3.27.1 Detailed Description

Author

tyrion

The documentation for this class was generated from the following file:

- src/main/java/it/polimi/se/calcare/entities/ParticipationPK.java

3.28 it.polimi.se.calcare.auth.Password Class Reference

Static Public Member Functions

- static String getSaltedHash (String password) throws NoSuchAlgorithmException, InvalidKeySpecException

  Computes a salted PBKDF2 hash of given plaintext password suitable for storing in a database.

- static boolean check (String password, String stored) throws InvalidKeySpecException, NoSuchAlgorithm↩ Exception

  Checks whether given plaintext password corresponds to a stored salted hash of the password.

3.28.1 Member Function Documentation

3.28.1.1 static boolean it.polimi.se.calcare.auth.Password.check (String *password,* String *stored*) throws InvalidKeySpecException, NoSuchAlgorithmException [static]

Checks whether given plaintext password corresponds to a stored salted hash of the password.

3.28.1.2 static String it.polimi.se.calcare.auth.Password.getSaltedHash (String *password*) throws NoSuchAlgorithmException, InvalidKeySpecException [static]

Computes a salted PBKDF2 hash of given plaintext password suitable for storing in a database.

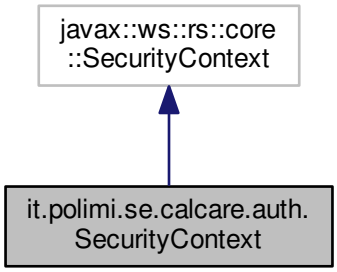
Empty passwords are not supported.

The documentation for this class was generated from the following file:

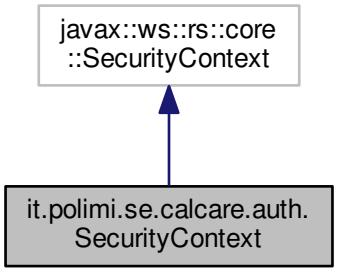
- src/main/java/it/polimi/se/calcare/auth/Password.java

3.29 it.polimi.se.calcare.auth.SecurityContext Class Reference

Inheritance diagram for it.polimi.se.calcare.auth.SecurityContext:



Collaboration diagram for it.polimi.se.calcare.auth.SecurityContext:



Public Member Functions

- **SecurityContext** (User user)
- Principal **getUserPrincipal** ()
- boolean **isUserInRole** (String role)
- boolean **isSecure** ()
- String **getAuthenticationScheme** ()

3.29.1 Detailed Description

Author

tyrion

The documentation for this class was generated from the following file:

- src/main/java/it/polimi/se/calcare/auth/SecurityContext.java

3.30 it.polimi.se.calcare.helpers.SendMail Class Reference

Static Public Member Functions

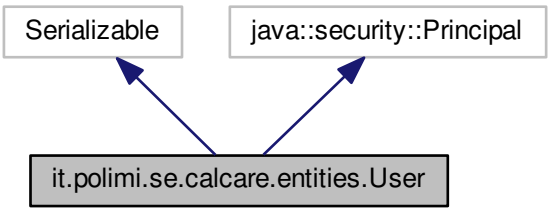
- static void **Mail** (String[ ] to, String subject, String body)

The documentation for this class was generated from the following file:

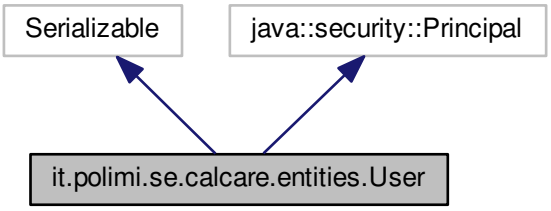
- src/main/java/it/polimi/se/calcare/helpers/SendMail.java

3.31 it.polimi.se.calcare.entities.User Class Reference

Inheritance diagram for it.polimi.se.calcare.entities.User:



Collaboration diagram for it.polimi.se.calcare.entities.User:



Public Member Functions

- **User** (Integer id)
- **User** (String email, String password)
- **User** (String email, String password, String givenName, String familyName)
- Integer **getId** ()
- void **setId** (Integer id)
- String **getEmail** ()

- void **setEmail** (String email)
- String **getPassword** ()
- void **setPassword** (String password) throws NoSuchAlgorithmException, InvalidKeySpecException
- String **getGivenName** ()
- void **setGivenName** (String givenName)
- String **getFamilyName** ()
- void **setFamilyName** (String familyName)
- String **getFullName** ()
- boolean **isActive** ()
- void **setActive** (boolean active)
- Calendar **getCalendar** ()
- void **setCalendar** (Calendar calendar)
- Collection< Event > **getEventCollection** ()
- void **setEventCollection** (Collection< Event > eventCollection)
- Collection< Notification > **getNotificationCollection** ()
- void **setNotificationCollection** (Collection< Notification > notificationCollection)
- int **hashCode** ()
- boolean **equals** (Object object)
- String **toString** ()
- String **getName** ()

3.31.1 Detailed Description

Author

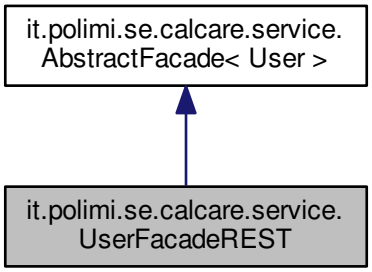
tyrion

The documentation for this class was generated from the following file:

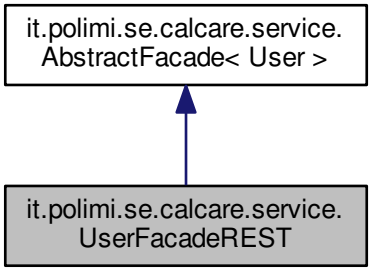
- src/main/java/it/polimi/se/calcare/entities/User.java

3.32 it.polimi.se.calcare.service.UserFacadeREST Class Reference

Inheritance diagram for it.polimi.se.calcare.service.UserFacadeREST:



Collaboration diagram for it.polimi.se.calcare.service.UserFacadeREST:



Public Member Functions

- Response **add** (@Context UriInfo ui, User entity) throws NoSuchAlgorithmException, InvalidKeySpec↩ Exception
- void **edit** (@Context SecurityContext sc, User entity)
- void **remove** (@Context SecurityContext sc)
- User **get** (@Context SecurityContext sc)
- List< User > **findAll** ()

Protected Member Functions

- EntityManager **getEntityManager** ()

3.32.1 Detailed Description

Author

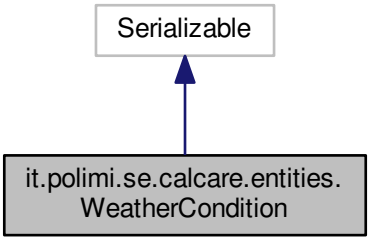
tyrion

The documentation for this class was generated from the following file:

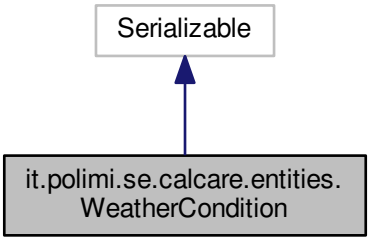
- src/main/java/it/polimi/se/calcare/service/UserFacadeREST.java

3.33 it.polimi.se.calcare.entities.WeatherCondition Class Reference

Inheritance diagram for it.polimi.se.calcare.entities.WeatherCondition:



Collaboration diagram for it.polimi.se.calcare.entities.WeatherCondition:



Public Member Functions

- **WeatherCondition** (Integer id)
- **WeatherCondition** (Integer id, String name, String description, String icon)
- Integer **getId** ()
- void **setId** (Integer id)
- String **getName** ()
- void **setName** (String name)
- String **getDescription** ()

- void **setDescription** (String description)
- String **getIcon** ()
- void **setIcon** (String icon)
- Collection< Forecast > **getForecastCollection** ()
- void **setForecastCollection** (Collection< Forecast > forecastCollection)
- int **hashCode** ()
- boolean **equals** (Object object)
- String **toString** ()

3.33.1 Detailed Description

Author

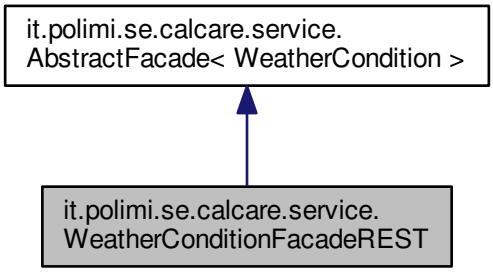
tyrion

The documentation for this class was generated from the following file:

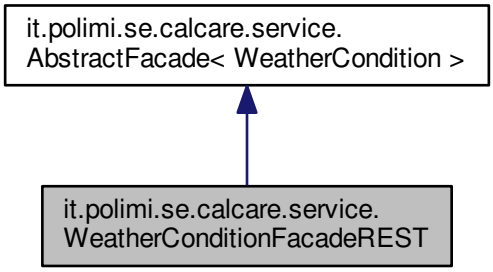
- src/main/java/it/polimi/se/calcare/entities/WeatherCondition.java

3.34 it.polimi.se.calcare.service.WeatherConditionFacadeREST Class Reference

Inheritance diagram for it.polimi.se.calcare.service.WeatherConditionFacadeREST:



Collaboration diagram for it.polimi.se.calcare.service.WeatherConditionFacadeREST:



Public Member Functions

- void **create** (WeatherCondition entity)
- void **edit** (@PathParam("id") Integer id, WeatherCondition entity)
- void **remove** (@PathParam("id") Integer id)
- WeatherCondition **find** (@PathParam("id") Integer id)
- List< WeatherCondition > **findAll** ()
- List< WeatherCondition > **findRange** (@PathParam("from") Integer from,@PathParam("to") Integer to)
- String **countREST** ()

Protected Member Functions

- EntityManager **getEntityManager** ()

3.34.1 Detailed Description

Author

tyrion

The documentation for this class was generated from the following file:

- src/main/java/it/polimi/se/calcare/service/WeatherConditionFacadeREST.java

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