

nuPlanner

by Al Johri, Sai Kolli

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Package controllers

controllers

Class Application

```
java.lang.Object
  |
  +--Controller
        |
        +--controllers.Application
```

```
public class Application
extends Controller
```

Constructors

Application

```
public Application()
```

Methods

events

```
public static Result events()
```

The events controllers grabs a list of events from the database based on three parameters: start, end, and query. The start and end parameters are unixtimestamps (in seconds) while the query paramter is a string used to filter the events.

This controller adheres to the specifications laid out by fullCalendar, the javascript Calendar used in the view. fullCalendar: http://arshaw.com/fullcalendar/docs/event_data/events_json_feed/

This controller is called by the /events url

Returns:

Return a JSON string of events matching the input parameters.

report

```
public static Result report()
```

Displays Google Doc of Final Report

Returns:

redirect to google doc

Package models

models

Class MyEvent

```
java.lang.Object
  |
  +--Model
      |
      +--models.MyEvent
```

```
public class MyEvent
  extends Model
```

Class for events

Author:
Colin

Fields

eid

```
public java.lang.Long eid
```

Event ID

name

```
public java.lang.String name
```

Event Name

creator

```
public java.lang.String creator
```

Event Creator

location

```
public java.lang.String location
```

Event Location

venue

```
public java.lang.String venue
```

Event Venue

start_time

```
public DateTime start_time
```

Event Start Time

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end_time

```
public DateTime end_time
```

Event End Time

pic

```
public java.lang.String pic
```

Event Picture

pic_small

```
public java.lang.String pic_small
```

pic_big

```
public java.lang.String pic_big
```

pic_square

```
public java.lang.String pic_square
```

description

```
public java.lang.String description
```

find

```
public static <any> find
```

For finding events based on parameter

findLong

```
public static <any> findLong
```

Constructors

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MyEvent

```
public MyEvent(java.lang.Long eid,  
               java.lang.String name,  
               java.lang.String creator,  
               DateTime start_time,  
               DateTime end_time,  
               java.lang.String location,  
               java.lang.String venue,  
               java.lang.String description,  
               java.lang.String pic,  
               java.lang.String pic_small,  
               java.lang.String pic_big,  
               java.lang.String pic_square)
```

Event Constructor

Methods

toJsonString

```
public java.lang.String toJsonString()
```

Converts json objects to string

getAllEventLocations

```
public static java.util.ArrayList getAllEventLocations()
```

Gets locations of all events

Returns:

locations

models

Class MyOrganization

```
java.lang.Object
  |
  +--Model
      |
      +--models.MyOrganization
```

```
public class MyOrganization
extends Model
```

Class for Organizations

Author:
SaiPraneeth

Fields

fbid

```
public java.lang.Long fbid
```

Organization Facebook Id

name

```
public java.lang.String name
```

Organization name

creator

```
public java.lang.String creator
```

Organization Creator

url

```
public java.lang.String url
```

Organization facebook url

location

```
public java.lang.String location
```

Organization location

description

```
public java.lang.String description
```

(continued from last page)

find

```
public static <any> find
```

For finding organizations based on parameter

findLong

```
public static <any> findLong
```

Constructors

MyOrganization

```
public MyOrganization(java.lang.Long fbid,  
                      java.lang.String name,  
                      java.lang.String location,  
                      java.lang.String url,  
                      java.lang.String description)
```

Organization constructor

Methods

getJsonObject

```
public java.lang.String getJsonObject()
```

Convert json object to string

Returns:
string

models

Class Person

```
java.lang.Object
  |
+-Model
  |
+-models.Person
```

Direct Known Subclasses:
[Student](#)

```
public class Person
extends Model
```

Fields

id

```
public java.lang.Long id
```

name

```
public java.lang.String name
```

Constructors

Person

```
public Person(java.lang.String name)
```

models

Class Student

```
java.lang.Object
├--Model
│   └--models.Person
│       └--models.Student
```

```
public class Student
extends Person
```

Fields

find

```
public static <any> find
```

Constructors

Student

```
public Student(java.lang.String name)
```

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