

# Vietnam History WikiApp

Object-oriented Programming capstone project

Group 05

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# Problem statement



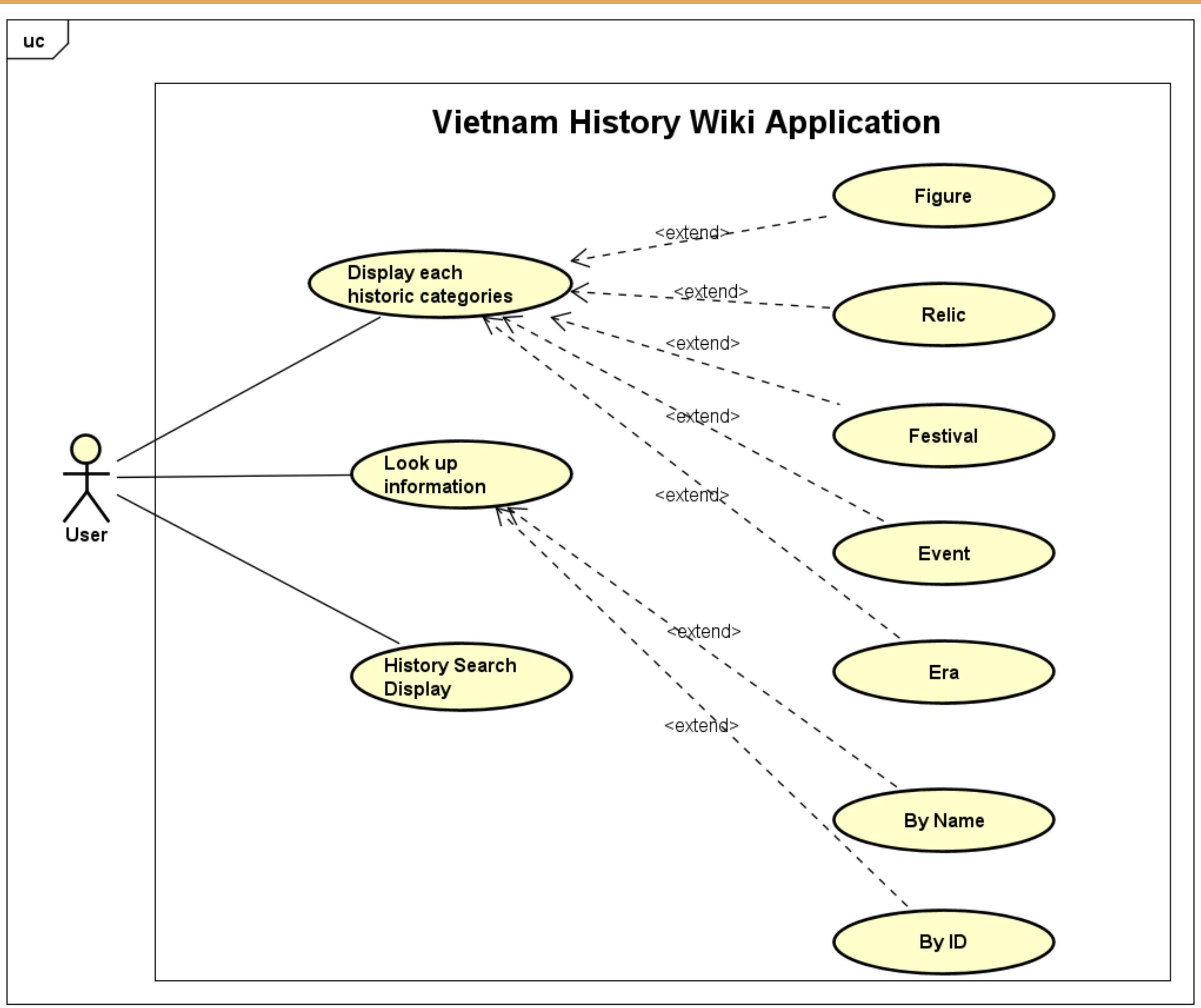
Main objective: collect Vietnamese history data for 5 historical categories.

- Eras
- Historical figures
- Historical relics
- Cultural festivals
- Historical events

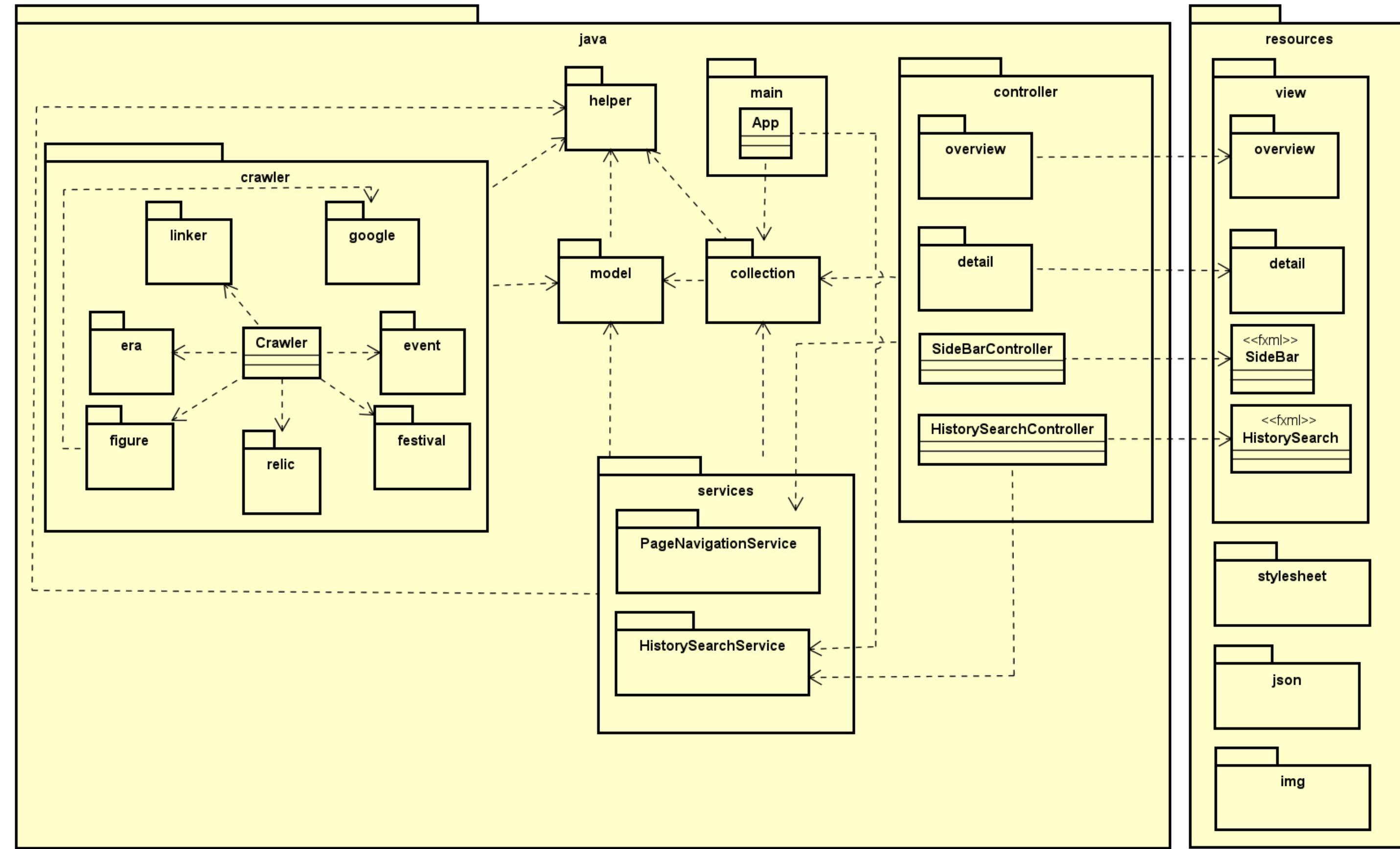
Our application provides a database offering a wealth of information and detailed insights into extraordinary lives that have shaped Vietnam's destiny.



# Use case diagram



# General class diagram



elle

# Collected data summarization

## Figures

Vansu: 2391 figures  
Thuvienlichsu: 809 figures

**2761 unique figures  
in total**

## Relics

Wikipedia: 1810 relics  
**1810 relics in total**

## Eras

Vansu: 24 eras  
**24 eras in total**

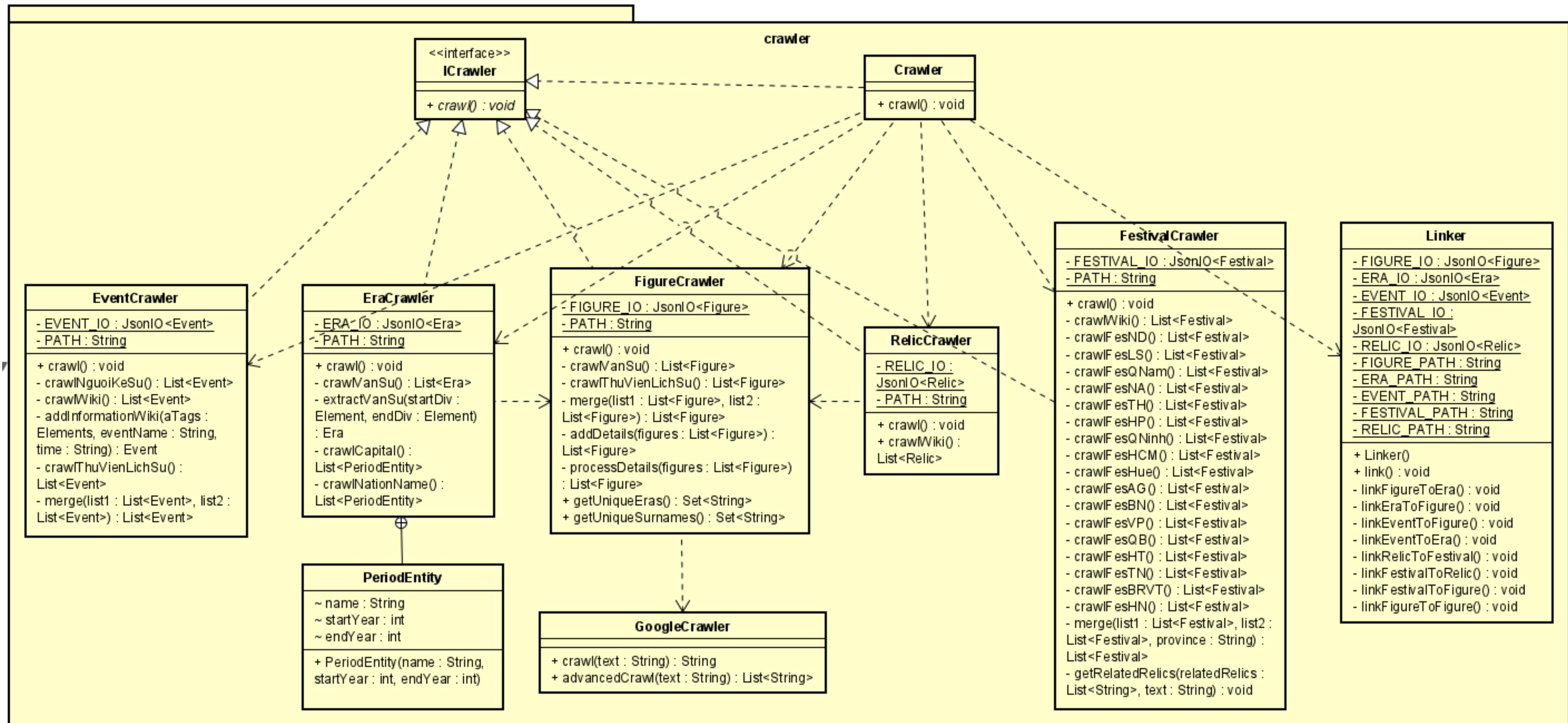
## Events

Wiki:pedia: 175 events  
Thuvienlichsu: 371 events  
Nguoikesu: 71 events  
**541 unique historical  
events in total**

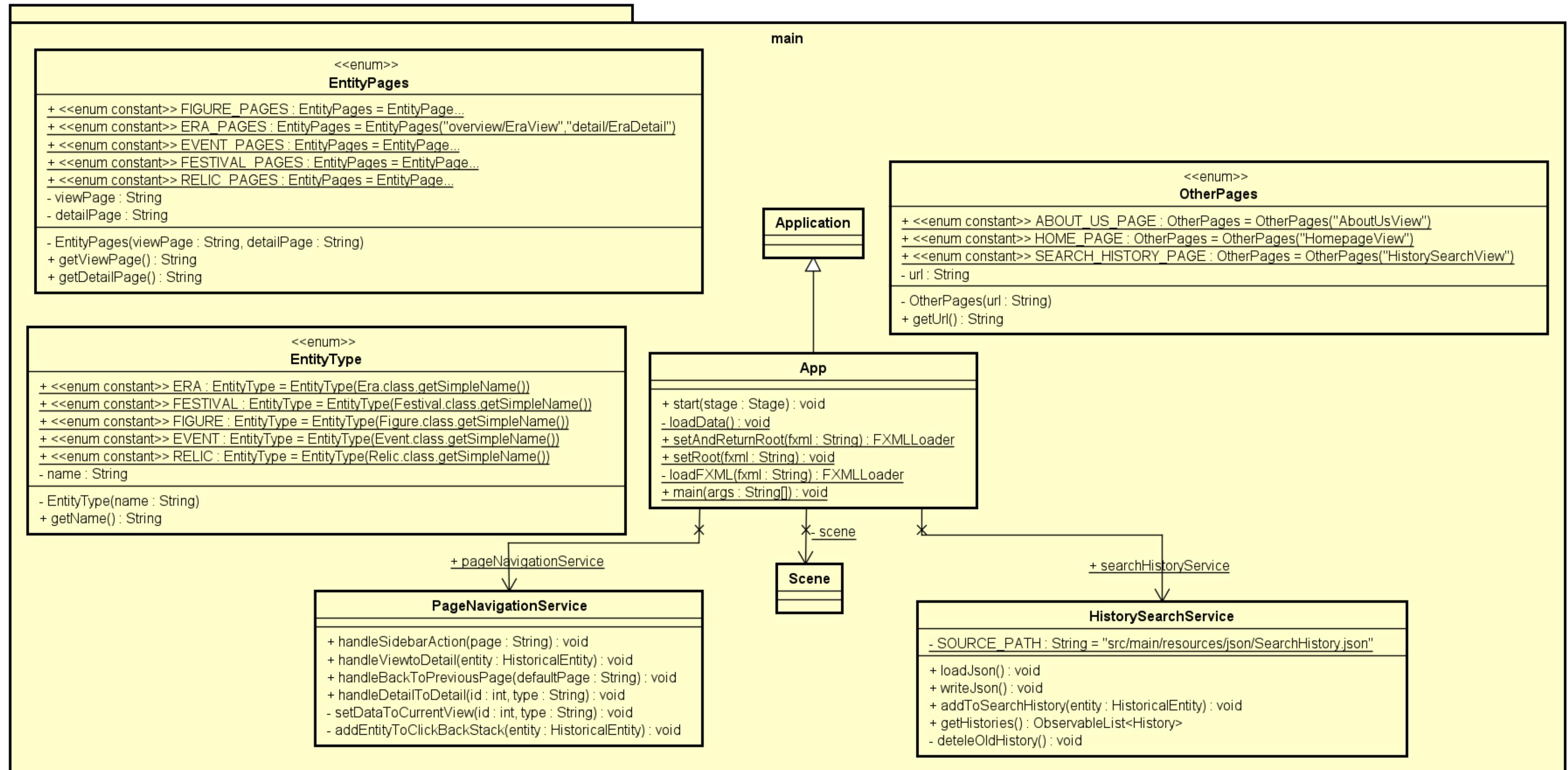
## Festivals

Wikipedia: 52 festivals  
10+ different government  
websites: 356 festivals  
**397 unique festivals  
in total**

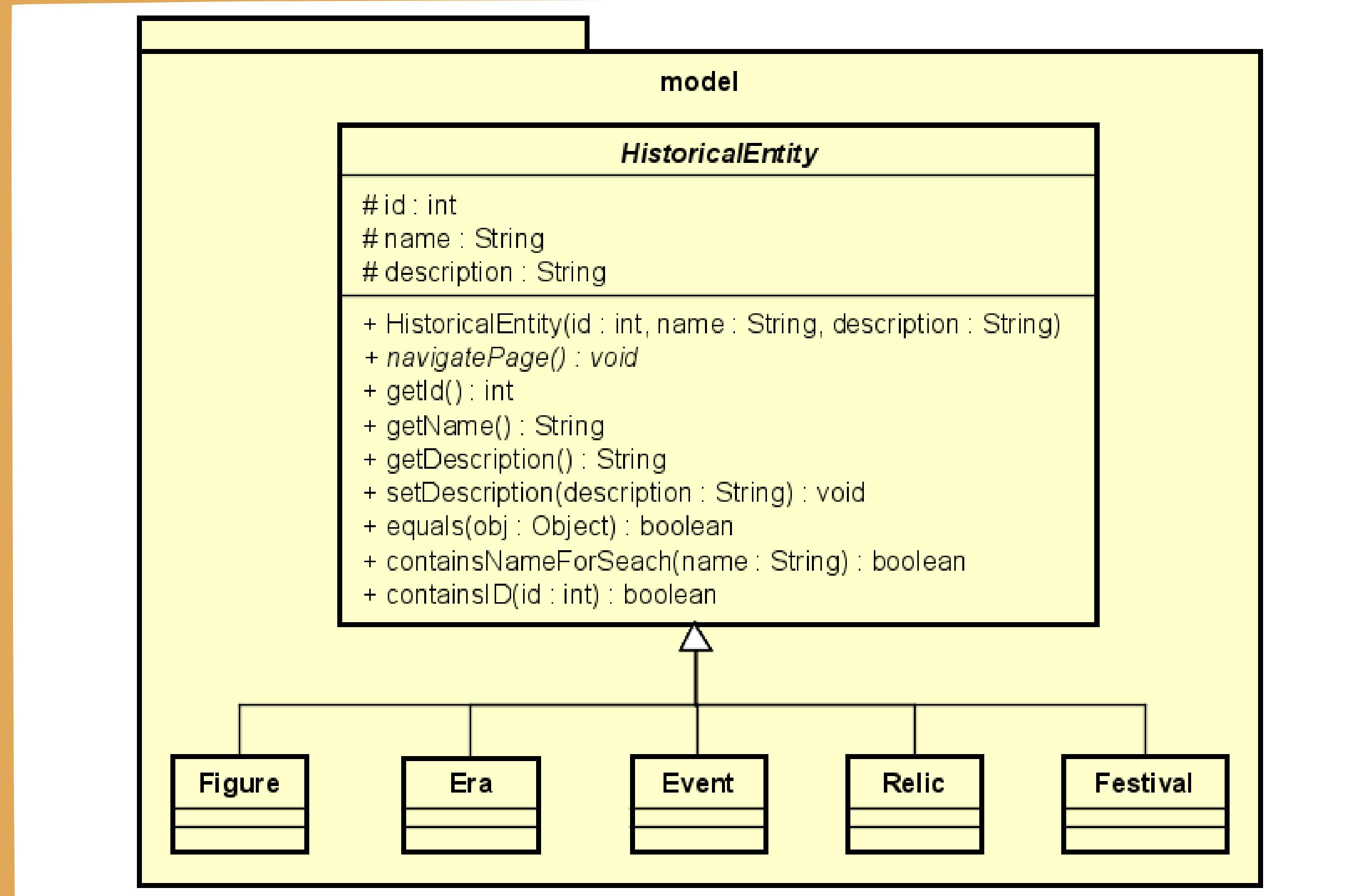
# Class diagram for crawler package



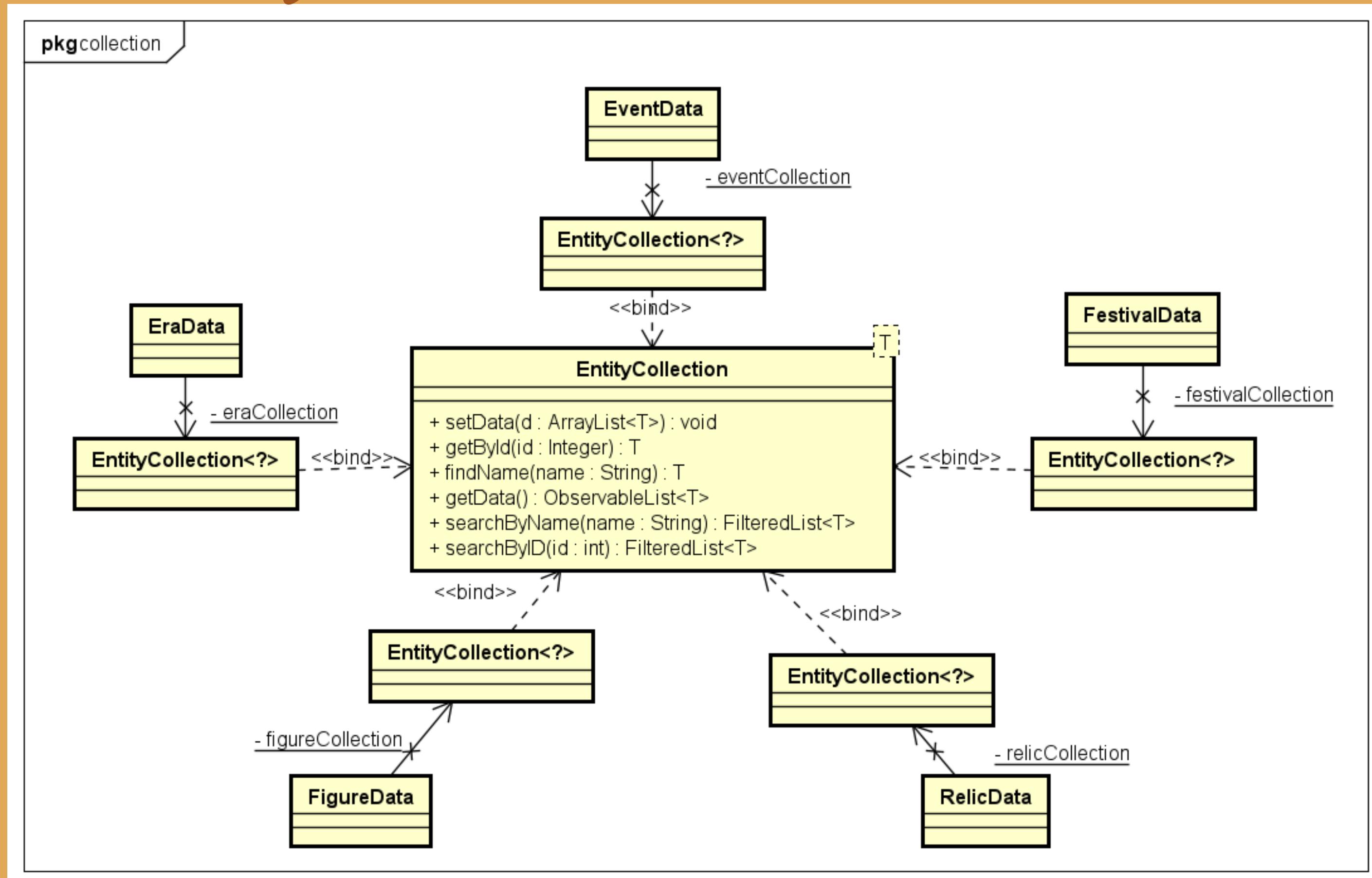
# Class diagram for main package



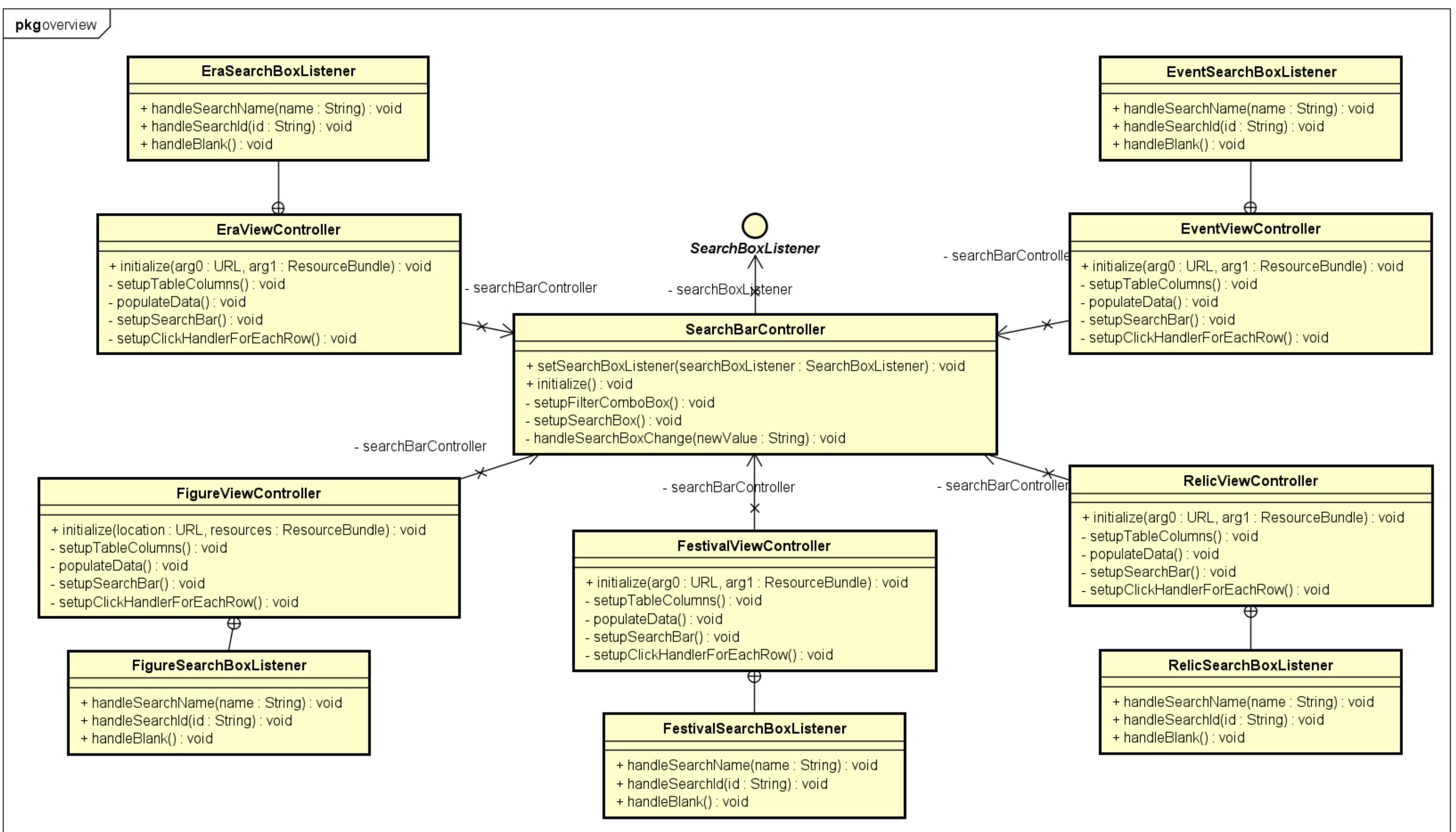
# Class diagram for model package



# Class diagram for collection package

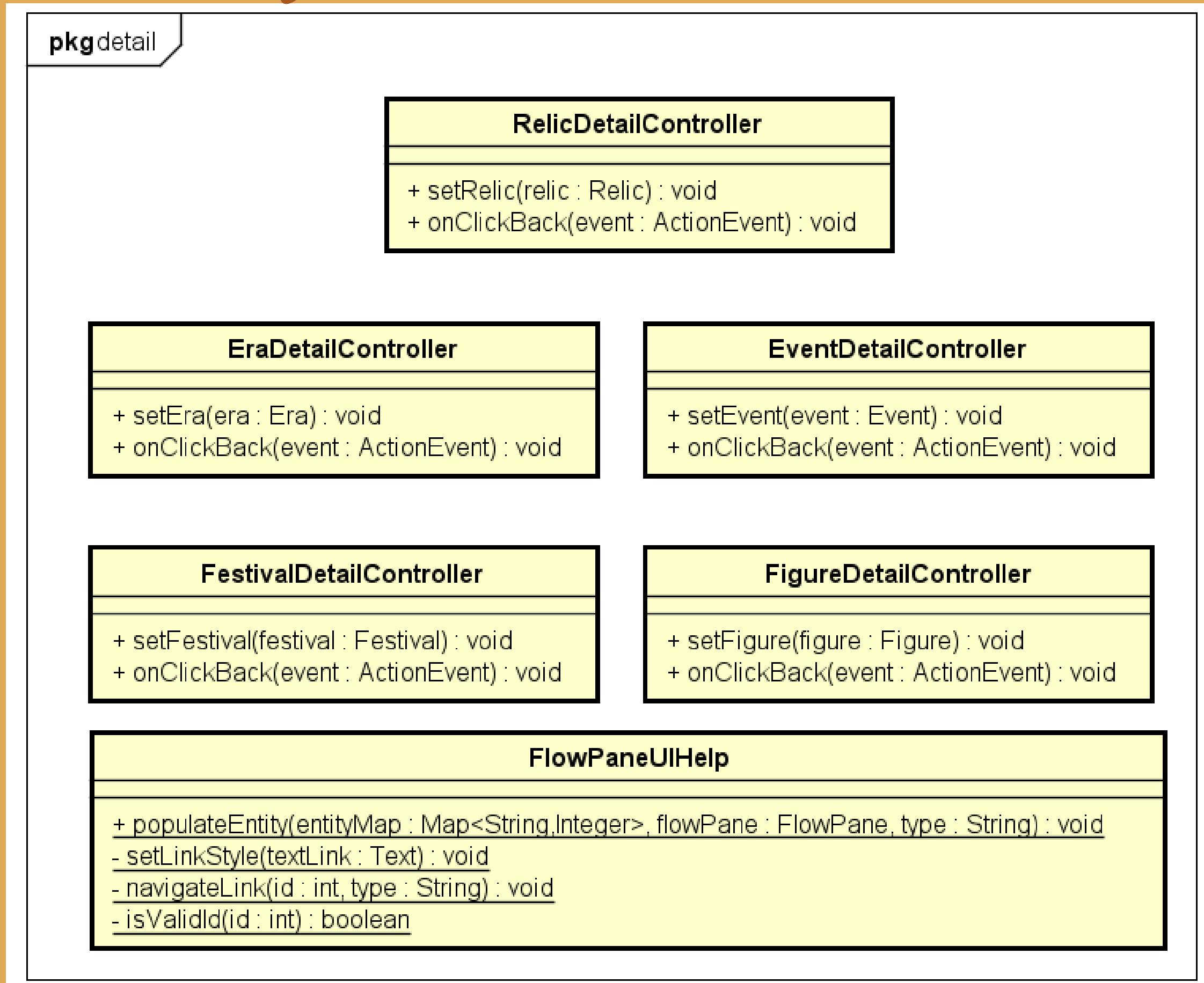


# Class diagram for controller package



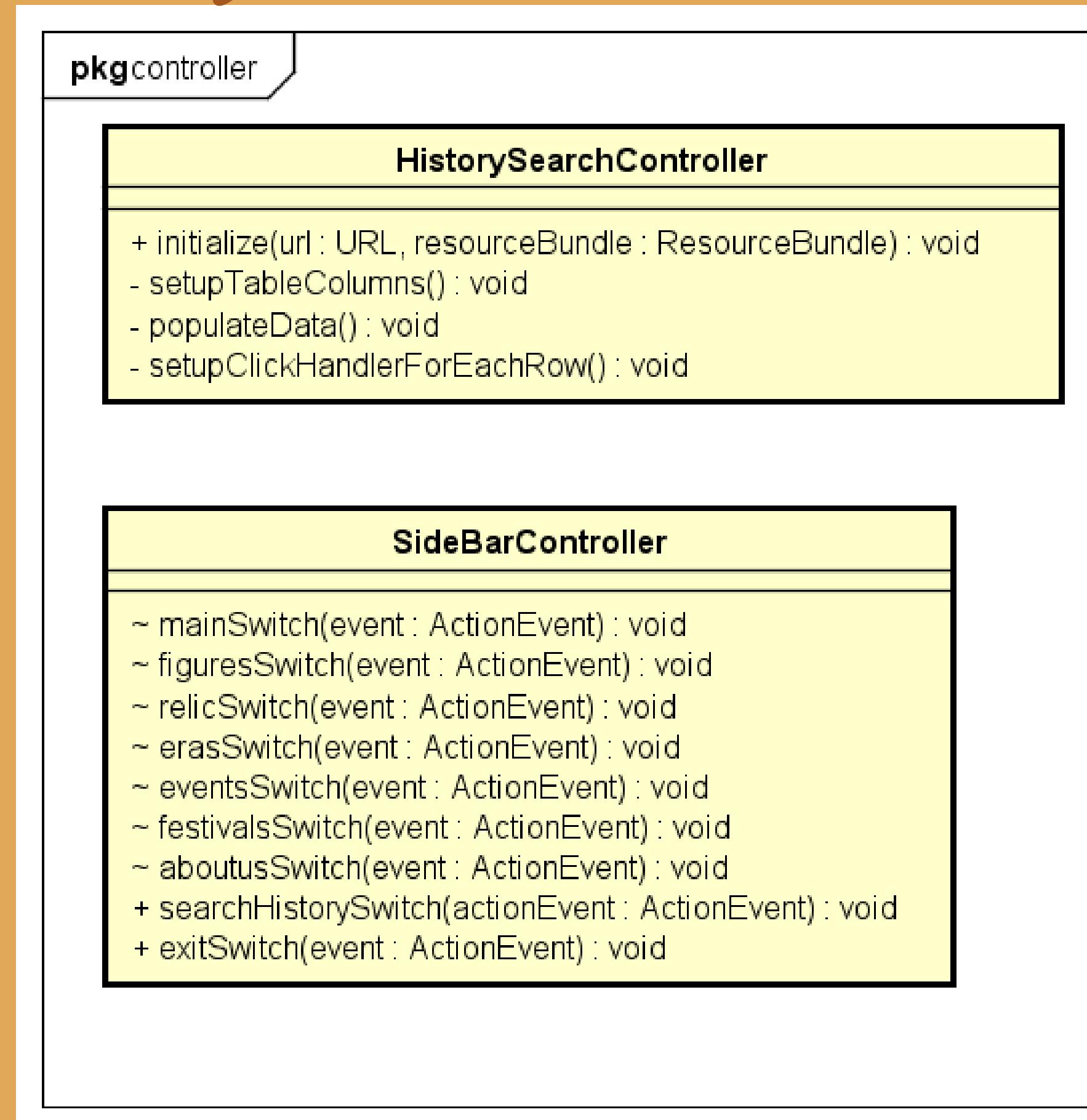
Controller  
package for  
Overview

# Class diagram for controller package



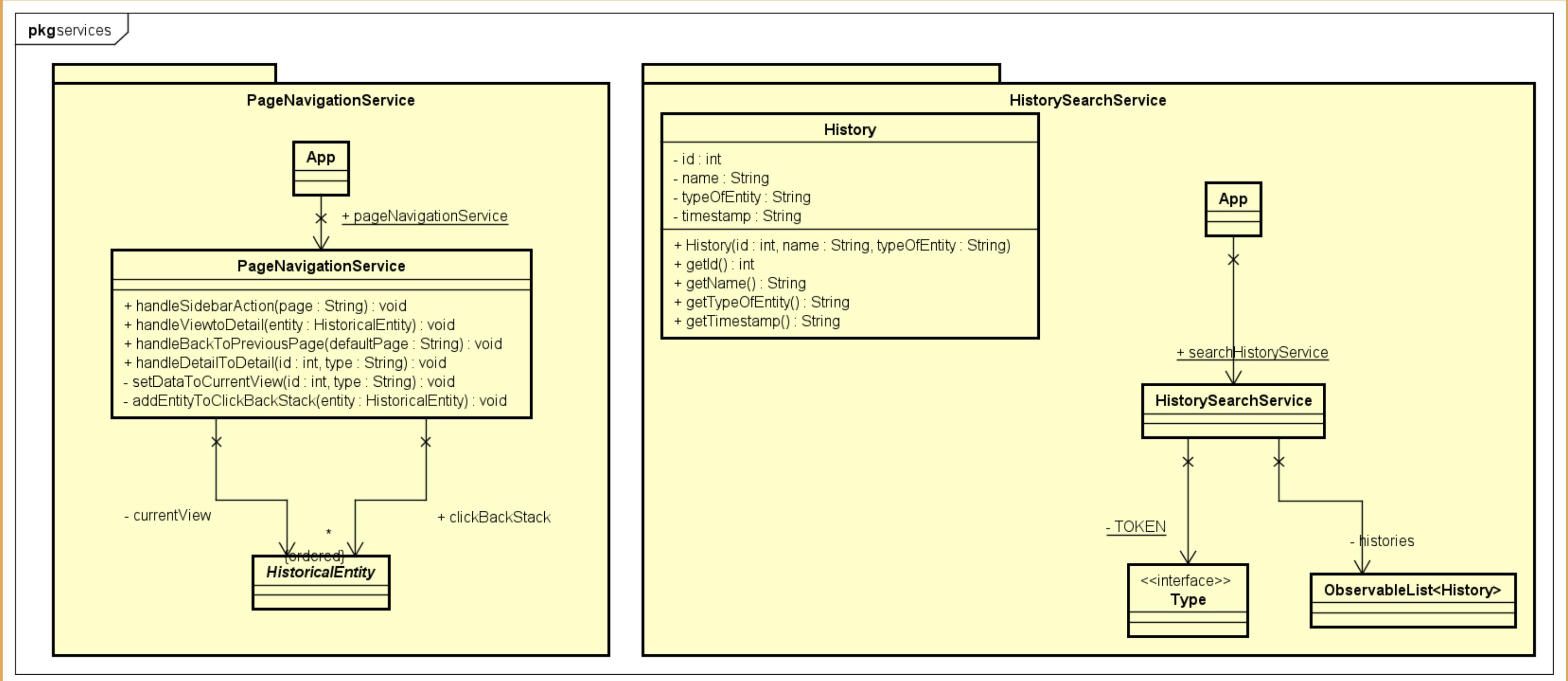
**Controller  
Package for  
Detail page**

# Class diagram for controller package

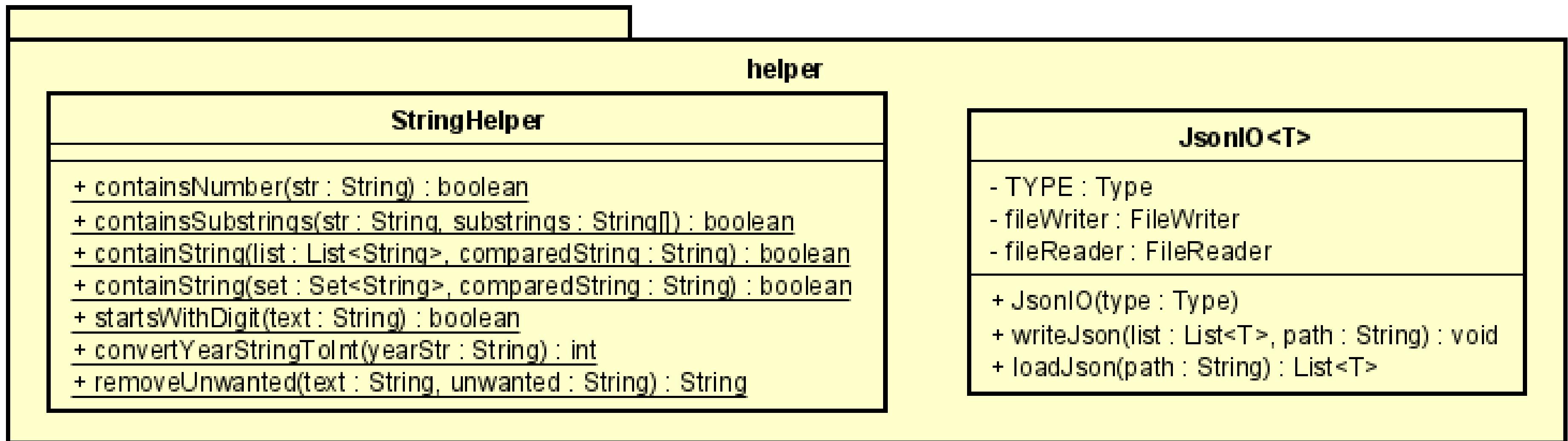


**Other necessary  
class in Controller  
package**

# Class diagram for services package



# Class diagram for helper package



# Demonstration



Vietnam History Wikiapp

Contact Forum Term of service

SOICT

- MÀN HÌNH CHÍNH
- NHÂN VẬT LỊCH SỬ
- DANH LAM THẮNG CẢNH
- VIỆT SỬ GIAI THOẠI
- SỰ KIỆN TIÊU BIỂU
- LỄ HỘI VĂN HÓA
- LỊCH SỬ TÌM KIẾM
- VỀ CHÚNG TÔI
- THOÁT

Dù ai đi ngược về xuôi  
Nhớ ngày Giỗ Tổ mùng mười tháng ba

The main page of the Vietnam History Wikiapp features a festive illustration of the Vietnam flag, a map, and a person holding a dragon lantern. The page includes a sidebar with various menu options and a banner at the top with a quote in Vietnamese.

Thanks for  
listening!

