

Timeline Analyzer

Social network timeline analysis tool

Reference Documentation

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Timeline Analyzer

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Chapter 1

Timeline Analyzer

(c) 2017–2019 Radek Burget (burgetr@fit.vutbr.cz)

Timeline Analyzer is a framework for efficient analysis of social network profiles and other related data. It focuses on the analysis of security incidents related to social networks. The goal of the framework is to put together data organized in time lines coming from different heterogeneous sources, store it in a unified central storage and provide subsequent analytical and visualization steps. The framework consists of the following elements:

- **Data sources** – social network profiles or local browser profiles. The following locally running adapters are available in this repository:
 - [Twitter downloader](#) – downloads events from Twitter profiles
 - [Facebook downloader](#) – downloads events from public Facebook profiles
 - [Local browser profile decoder](#) – decodes local browser profiles and extracts the events
- **Unified data storage** – a unified data model based on semantic web technology and a central storage (currently a [RDF4J](#) repository for running on a centralized server or [Halyard](#) for running on a Hadoop cluster).
- **Visualization tools** – a web-based GUI for reviewing the gathered data. It is a separate angular-based application that runs in a web browser. It connects the RDF repository and provides a graphical interface for browsing the time lines.

A distributed social network profile downloader based on [Apache Spark](#) is available as a separate [Socializer](#) project.

Installation and Running

See the [wiki pages](#) for details.

Acknowledgements

This work was supported by the Ministry of the Interior of the Czech Republic as a part of the project Integrated platform for analysis of digital data from security incidents VI20172020062.

Chapter 2

Timeline Analyzer -- Core

(c) 2017–2019 Radek Burget (burgetr@fit.vutbr.cz)

This module provides the core data structures and models.

Chapter 3

Timeline Analyzer -- Facebook Client

(c) 2017–2019 Radek Burget (burgetr@fit.vutbr.cz)

This module implements a locally working Facebook profile downloader. It downloads a selected public profile and stores the events in the RDF repository.

Installation and Running

See the [wiki pages](#) for details.

Chapter 4

Timeline Analyzer -- Local Profile Decoder

(c) 2017–2019 Radek Burget (burgetr@fit.vutbr.cz)

This module implements a decoder of the local browser profiles. Given a user home directory, it finds the existing browser profiles, extracts the events and stores them in the RDF repository.

Installation and Running

See the [wiki pages](#) for details.

Chapter 5

Timeline Analyzer -- Twitter Client

(c) 2017–2019 Radek Burget (burgetr@fit.vutbr.cz)

This module implements a locally working Twitter time line downloader. It downloads a selected profile and stores the events in the RDF repository.

Installation and Running

See the [wiki pages](#) for details.

Chapter 6

Timeline Analyzer -- Halyard Storage

(c) 2017–2019 Radek Burget (burgetr@fit.vutbr.cz)

This module implements a connector for storing the extracted event data in a Halyard/RDF4J storage.

Installation and Running

See the [wiki pages](#) for details.

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Namespace Index

7.1 Packages

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cz.vutbr.fit.ta.fb.model	25
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cz.vutbr.fit.ta.ontology	28
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cz.vutbr.fit.ta.local.model.LocalURLVisitEvent	120
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cz.vutbr.fit.ta.ontology.LocalFile	103
cz.vutbr.fit.ta.local.model.LocalLocalFile	110
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9.1 Class List

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cz.vutbr.fit.ta.fb.model.FBEntityFactory	61
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cz.vutbr.fit.ta.fb.model.FBImage	71
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File Index

10.1 File List

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/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/core/RDF↔ Connector.java	214
/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/core/RDF↔ ConnectorBase.java	214
/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/core/RDF↔ ConnectorRDF4J.java	214
/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/core/RDF↔ ConnectorRemote.java	214
/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/core/Resource↔ Factory.java	215
/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/core/Timeline↔ Source.java	215
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/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/model/Local↔ Image.java	225
/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/model/Local↔ LocalFile.java	225
/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/model/Local↔ TextContent.java	226
/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/model/Local↔ Timeline.java	226
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/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/twitter/model/Twitter↔ URLContent.java	230
/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/twitter/model/Twitter↔ WebResource.java	230
/home/burgetr/tmp/doxy/timeline-analyzer/timeline-storage-halyard/src/main/java/cz/vutbr/fit/ta/halyard/Halyard↔ Test.java	231
/home/burgetr/tmp/doxy/timeline-analyzer/timeline-storage-halyard/src/main/java/cz/vutbr/fit/ta/halyard/R↔ DFConnectorHalyard.java	231

Chapter 11

Namespace Documentation

11.1 Package cz

Packages

- package [vutbr](#)

11.2 Package cz.vutbr

Packages

- package [fit](#)

11.3 Package cz.vutbr.fit

Packages

- package [ta](#)

11.4 Package cz.vutbr.fit.ta

Packages

- package [core](#)
- package [fb](#)
- package [halyard](#)
- package [local](#)
- package [ontology](#)
- package [twitter](#)

11.5 Package cz.vutbr.fit.ta.core

Classes

- class [AppTest](#)
- class [DownloadTool](#)
- interface [RDFConnector](#)
- class [RDFConnectorBase](#)
- class [RDFConnectorRDF4J](#)
- class [RDFConnectorRemote](#)
- class [ResourceFactory](#)
- class [TimelineSource](#)

11.5.1 Detailed Description

[DownloadTool.java](#)

Created on 22. 10. 2019, 12:15:42 by burgetr

[RDFConnector.java](#)

Created on 26. 7. 2019, 11:02:12 by burgetr

[RDFConnectorBase.java](#)

Created on 26. 7. 2019, 10:56:23 by burgetr

[RDFConnectorRDF4J.java](#)

Created on 9. 1. 2016, 13:17:59 by burgetr

[ResourceFactory.java](#)

Created on 28. 7. 2017, 13:55:36 by burgetr

[TimelineSource.java](#)

Created on 28. 7. 2017, 13:15:10 by burgetr

11.6 Package cz.vutbr.fit.ta.fb

Packages

- package [model](#)

Classes

- class [DownloadFB](#)
- class [FBSource](#)
- class [TAFacebookClient](#)

11.6.1 Detailed Description

[DownloadFB.java](#)

Created on 22. 10. 2019, 12:49:42 by burgetr

[FBSource.java](#)

Created on 6. 3. 2018, 11:12:08 by burgetr

[TAFacebookClient.java](#)

Created on 2. 3. 2018, 13:58:24 by burgetr

11.7 Package cz.vutbr.fit.ta.fb.model

Classes

- class [FBCreationEvent](#)
- class [FBEntityFactory](#)
- class [FBEntry](#)
- class [FBGeoContent](#)
- class [FBImage](#)
- class [FBTextContent](#)
- class [FBTimeline](#)
- class [FBURLContent](#)
- class [FBWebResource](#)

11.7.1 Detailed Description

[FBEntityFactory.java](#)

Created on 7. 3. 2018, 13:13:03 by burgetr

[FBEntry.java](#)

Created on 7. 3. 2018, 13:09:41 by burgetr

[FBGeoContent.java](#)

Created on 7. 3. 2018, 13:11:58 by burgetr

[FBImage.java](#)

Created on 7. 3. 2018, 13:12:24 by burgetr

[FBTextContent.java](#)

Created on 7. 3. 2018, 13:10:23 by burgetr

[FBTimeline.java](#)

Created on 7. 3. 2018, 13:08:35 by burgetr

[FBURLContent.java](#)

Created on 7. 3. 2018, 13:11:13 by burgetr

11.8 Package cz.vutbr.fit.ta.halyard

Classes

- class [HalyardTest](#)
- class [RDFConnectorHalyard](#)

11.8.1 Detailed Description

[RDFConnectorHalyard.java](#)

Created on 26. 7. 2019, 11:18:11 by burgetr

11.9 Package cz.vutbr.fit.ta.local

Packages

- package [model](#)
- package [sql](#)

Classes

- class [Browser](#)
- class [Cookie](#)
- class [DecodeProfiles](#)
- class [FirefoxBrowser](#)
- class [FirefoxProfile](#)
- class [HistoryItem](#)
- class [LocalProfileSource](#)
- class [OS](#)
- class [Profile](#)

11.9.1 Detailed Description

[Browser.java](#)

Created on 1. 2. 2017, 14:41:57 by burgetr

[Cookie.java](#)

Created on 1. 2. 2017, 16:30:11 by burgetr

[DecodeProfiles.java](#)

Created on 29. 10. 2019, 10:21:27 by burgetr

[FirefoxBrowser.java](#)

Created on 1. 2. 2017, 14:45:20 by burgetr

[FirefoxProfile.java](#)

Created on 1. 2. 2017, 15:25:09 by burgetr

[HistoryItem.java](#)

Created on 7. 8. 2017, 10:12:28 by burgetr

[LocalProfileSource.java](#)

Created on 7. 8. 2017, 13:45:33 by burgetr

[OS.java](#)

Created on 1. 2. 2017, 14:30:39 by burgetr

[Profile.java](#)

Created on 1. 2. 2017, 15:14:45 by burgetr

11.10 Package cz.vutbr.fit.ta.local.model

Classes

- class [LocalEntityFactory](#)
- class [LocalFileDownloadEvent](#)
- class [LocalImage](#)
- class [LocalLocalFile](#)
- class [LocalTextContent](#)
- class [LocalTimeline](#)
- class [LocalURLContent](#)
- class [LocalURLVisitEvent](#)
- class [LocalWebResource](#)

11.10.1 Detailed Description

[LocalEntityFactory.java](#)

Created on 7. 8. 2017, 14:04:57 by burgetr

[LocalImage.java](#)

Created on 7. 8. 2017, 14:07:59 by burgetr

[LocalEntry.java](#)

Created on 7. 8. 2017, 14:26:25 by burgetr

[LocalTextContent.java](#)

Created on 7. 8. 2017, 14:09:32 by burgetr

[LocalTimeline.java](#)

Created on 7. 8. 2017, 14:07:09 by burgetr

[LocalURLContent.java](#)

Created on 7. 8. 2017, 14:08:36 by burgetr

11.11 Package cz.vutbr.fit.ta.local.sql

Classes

- interface [SqlItemFactory](#)
- class [SqliteReader](#)

11.11.1 Detailed Description

[SqlItemFactory.java](#)

Created on 7. 8. 2017, 11:18:52 by burgetr

[SqliteReader.java](#)

Created on 7. 8. 2017, 11:21:11 by burgetr

11.12 Package cz.vutbr.fit.ta.ontology

Packages

- package [vocabulary](#)

Classes

- class [Content](#)
- class [CreationEvent](#)
- class [Entry](#)
- class [Event](#)
- class [FileDownloadEvent](#)
- class [GeoContent](#)
- class [Image](#)
- class [LocalFile](#)
- class [Object](#)
- class [SocialNetworkObject](#)
- interface [TAFactory](#)
- class [TextContent](#)
- class [Timeline](#)
- class [URLContent](#)
- class [URLVisitEvent](#)
- class [WebResource](#)

11.13 Package cz.vutbr.fit.ta.ontology.vocabulary

Classes

- class [TA](#)

11.14 Package cz.vutbr.fit.ta.twitter

Packages

- package [model](#)

Classes

- class [DownloadTwitter](#)
- class [TwitterSource](#)

11.14.1 Detailed Description

[DownloadTwitter.java](#)

Created on 22. 10. 2019, 11:51:50 by burgetr

[TwitterSource.java](#)

Created on 28. 7. 2017, 13:19:19 by burgetr

11.15 Package cz.vutbr.fit.ta.twitter.model

Classes

- class [TwitterCreationEvent](#)
- class [TwitterEntityFactory](#)
- class [TwitterEntry](#)
- class [TwitterGeoContent](#)
- class [TwitterImage](#)
- class [TwitterTextContent](#)
- class [TwitterTimeline](#)
- class [TwitterURLContent](#)
- class [TwitterWebResource](#)

11.15.1 Detailed Description

[TwitterEntityFactory.java](#)

Created on 28. 7. 2017, 13:29:15 by burgetr

[TwitterEntry.java](#)

Created on 28. 7. 2017, 13:27:04 by burgetr

[TwitterGeoContent.java](#)

Created on 31. 7. 2017, 13:29:13 by burgetr

[TwitterImage.java](#)

Created on 28. 7. 2017, 13:28:22 by burgetr

[TwitterTextContent.java](#)

Created on 28. 7. 2017, 13:27:41 by burgetr

[TwitterTimeline.java](#)

Created on 28. 7. 2017, 13:26:02 by burgetr

[TwitterURLContent.java](#)

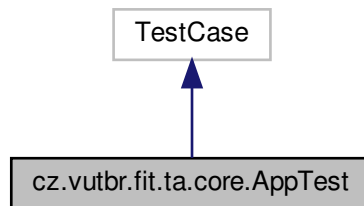
Created on 31. 7. 2017, 13:29:56 by burgetr

Chapter 12

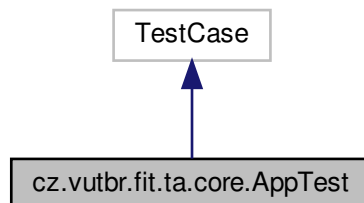
Class Documentation

12.1 `cz.vutbr.fit.ta.core.AppTest` Class Reference

Inheritance diagram for `cz.vutbr.fit.ta.core.AppTest`:



Collaboration diagram for `cz.vutbr.fit.ta.core.AppTest`:



Public Member Functions

- `AppTest` (String testName)
- void `testApp` ()

Static Public Member Functions

- static Test [suite](#) ()

12.1.1 Detailed Description

Unit test for simple App.

12.1.2 Constructor & Destructor Documentation

12.1.2.1 AppTest()

```
cz.vutbr.fit.ta.core.AppTest.AppTest (
    String testName )
```

Create the test case

Parameters

<i>testName</i>	name of the test case
-----------------	-----------------------

12.1.3 Member Function Documentation

12.1.3.1 suite()

```
static Test cz.vutbr.fit.ta.core.AppTest.suite ( ) [static]
```

Returns

the suite of tests being tested

12.1.3.2 testApp()

```
void cz.vutbr.fit.ta.core.AppTest.testApp ( )
```

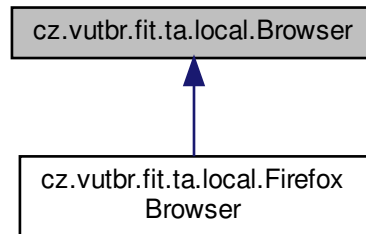
Rigorous Test :-)

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

- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/test/java/cz/vutbr/fit/ta/core/AppTest.java](#)↔

12.2 cz.vutbr.fit.ta.local.Browser Class Reference

Inheritance diagram for cz.vutbr.fit.ta.local.Browser:



Public Member Functions

- [Browser](#) ([OS os](#))
- [OS](#) [getOs](#) ()
- abstract String [getProfilePath](#) ()
- abstract List< [Profile](#) > [getProfiles](#) ()

12.2.1 Detailed Description

Represents the capabilities and resources of an abstract browser.

Author

burgetr

12.2.2 Constructor & Destructor Documentation

12.2.2.1 Browser()

```
cz.vutbr.fit.ta.local.Browser.Browser (
    OS os )
```

12.2.3 Member Function Documentation

12.2.3.1 getOs()

```
OS cz.vutbr.fit.ta.local.Browser.getOs ( )
```

12.2.3.2 getProfilePath()

```
abstract String cz.vutbr.fit.ta.local.Browser.getProfilePath ( ) [abstract]
```

12.2.3.3 getProfiles()

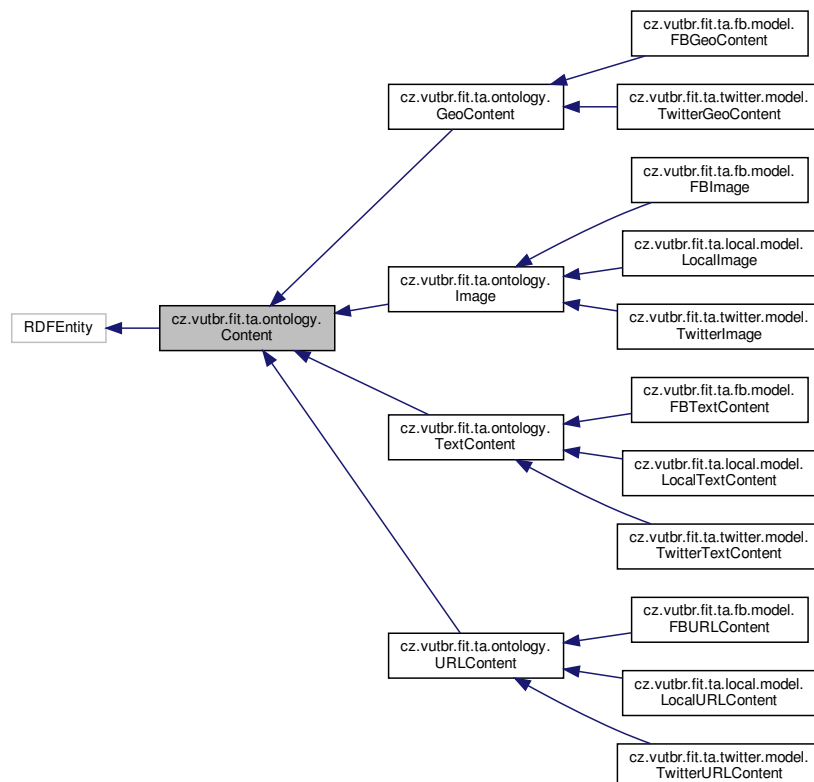
```
abstract List<Profile> cz.vutbr.fit.ta.local.Browser.getProfiles ( ) [abstract]
```

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

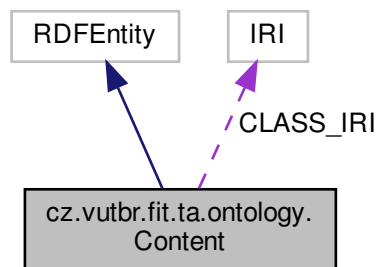
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/Browser.java](#)

12.3 cz.vutbr.fit.ta.ontology.Content Class Reference

Inheritance diagram for cz.vutbr.fit.ta.ontology.Content:



Collaboration diagram for cz.vutbr.fit.ta.ontology.Content:



Public Member Functions

- [Content](#) (IRI iri)
- IRI [getClassIRI](#) ()
- void [addToModel](#) (TargetModel target)
- void [loadFromModel](#) (Model model, EntityFactory efactory)

Static Public Attributes

- static final IRI [CLASS_IRI](#) = vf.createIRI("http://nesfit.github.io/ontology/ta.owl#Content")

12.3.1 Detailed Description

A particular content of an entry..

IRI:

```
<http://nesfit.github.io/ontology/ta.owl#Content>
```

12.3.2 Constructor & Destructor Documentation

12.3.2.1 Content()

```
cz.vutbr.fit.ta.ontology.Content.Content (
    IRI iri )
```

12.3.3 Member Function Documentation

12.3.3.1 addToModel()

```
void cz.vutbr.fit.ta.ontology.Content.addToModel (
    TargetModel target )
```

12.3.3.2 getClassIRI()

```
IRI cz.vutbr.fit.ta.ontology.Content.getClassIRI ( )
```

12.3.3.3 loadFromModel()

```
void cz.vutbr.fit.ta.ontology.Content.loadFromModel (
    Model model,
    EntityFactory efactory )
```

12.3.4 Member Data Documentation

12.3.4.1 CLASS_IRI

```
final IRI cz.vutbr.fit.ta.ontology.Content.CLASS_IRI = vf.createIRI("http://nesfit.github.io/ontology/ta.owl#Content") [static]
```

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

- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/Content.java](#)

12.4 cz.vutbr.fit.ta.local.Cookie Class Reference

Public Member Functions

- [Cookie](#) (String baseDomain, String name, String value, String host, String path, Date expiry, Date lastAccessed, Date created, boolean secure, boolean httpOnly)
- String [getBaseDomain](#) ()
- void [setBaseDomain](#) (String baseDomain)
- String [getName](#) ()
- void [setName](#) (String name)
- String [getValue](#) ()
- void [setValue](#) (String value)
- String [getHost](#) ()
- void [setHost](#) (String host)
- String [getPath](#) ()
- void [setPath](#) (String path)
- Date [getExpiry](#) ()
- void [setExpiry](#) (Date expiry)
- Date [getLastAccessed](#) ()
- void [setLastAccessed](#) (Date lastAccessed)
- Date [getCreated](#) ()
- void [setCreated](#) (Date created)
- boolean [isSecure](#) ()
- void [setSecure](#) (boolean secure)
- boolean [isHttpOnly](#) ()
- void [setHttpOnly](#) (boolean httpOnly)
- String [toString](#) ()

12.4.1 Detailed Description

Author

burgetr

12.4.2 Constructor & Destructor Documentation

12.4.2.1 Cookie()

```
cz.vutbr.fit.ta.local.Cookie.Cookie (  
    String baseDomain,  
    String name,  
    String value,  
    String host,  
    String path,  
    Date expiry,  
    Date lastAccessed,  
    Date created,  
    boolean secure,  
    boolean httpOnly )
```

12.4.3 Member Function Documentation

12.4.3.1 getBaseDomain()

String cz.vutbr.fit.ta.local.Cookie.getBaseDomain ()

12.4.3.2 getCreated()

Date cz.vutbr.fit.ta.local.Cookie.getCreated ()

12.4.3.3 getExpiry()

Date cz.vutbr.fit.ta.local.Cookie.getExpiry ()

12.4.3.4 getHost()

String cz.vutbr.fit.ta.local.Cookie.getHost ()

12.4.3.5 getLastAccessed()

Date cz.vutbr.fit.ta.local.Cookie.getLastAccessed ()

12.4.3.6 getName()

String cz.vutbr.fit.ta.local.Cookie.getName ()

12.4.3.7 getPath()

String cz.vutbr.fit.ta.local.Cookie.getPath ()

12.4.3.8 `getValue()`

```
String cz.vutbr.fit.ta.local.Cookie.getValue ( )
```

12.4.3.9 `isHttpOnly()`

```
boolean cz.vutbr.fit.ta.local.Cookie.isHttpOnly ( )
```

12.4.3.10 `isSecure()`

```
boolean cz.vutbr.fit.ta.local.Cookie.isSecure ( )
```

12.4.3.11 `setBaseDomain()`

```
void cz.vutbr.fit.ta.local.Cookie.setBaseDomain (
    String baseDomain )
```

12.4.3.12 `setCreated()`

```
void cz.vutbr.fit.ta.local.Cookie.setCreated (
    Date created )
```

12.4.3.13 `setExpiry()`

```
void cz.vutbr.fit.ta.local.Cookie.setExpiry (
    Date expiry )
```

12.4.3.14 `setHost()`

```
void cz.vutbr.fit.ta.local.Cookie.setHost (
    String host )
```

12.4.3.15 setHttpOnly()

```
void cz.vutbr.fit.ta.local.Cookie.setHttpOnly (
    boolean httpOnly )
```

12.4.3.16 setLastAccessed()

```
void cz.vutbr.fit.ta.local.Cookie.setLastAccessed (
    Date lastAccessed )
```

12.4.3.17 setName()

```
void cz.vutbr.fit.ta.local.Cookie.setName (
    String name )
```

12.4.3.18 setPath()

```
void cz.vutbr.fit.ta.local.Cookie.setPath (
    String path )
```

12.4.3.19 setSecure()

```
void cz.vutbr.fit.ta.local.Cookie.setSecure (
    boolean secure )
```

12.4.3.20 setValue()

```
void cz.vutbr.fit.ta.local.Cookie.setValue (
    String value )
```

12.4.3.21 toString()

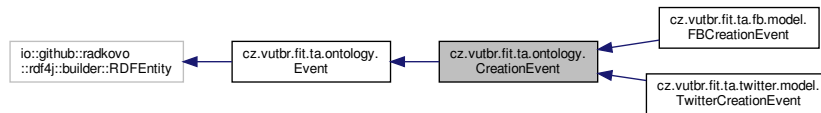
```
String cz.vutbr.fit.ta.local.Cookie.toString ( )
```

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

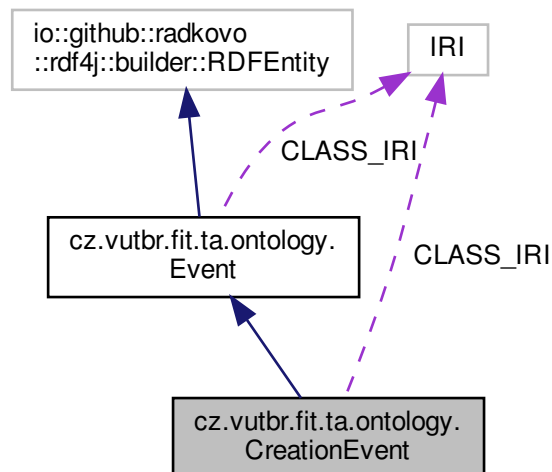
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/Cookie.java](#)

12.5 cz.vutbr.fit.ta.ontology.CreationEvent Class Reference

Inheritance diagram for cz.vutbr.fit.ta.ontology.CreationEvent:



Collaboration diagram for cz.vutbr.fit.ta.ontology.CreationEvent:



Public Member Functions

- [CreationEvent](#) (IRI iri)
- IRI [getClassIRI](#) ()
- void [addToModel](#) (TargetModel target)
- void [loadFromModel](#) (Model model, EntityFactory efactory)

Static Public Attributes

- static final IRI [CLASS_IRI](#) = vf.createIRI("http://nesfit.github.io/ontology/ta.owl#[CreationEvent](#)")

12.5.1 Detailed Description

created.

An event of the object creation.

IRI:

```
<http://nesfit.github.io/ontology/ta.owl#CreationEvent>
```

12.5.2 Constructor & Destructor Documentation

12.5.2.1 CreationEvent()

```
cz.vutbr.fit.ta.ontology.CreationEvent.CreationEvent (
    IRI iri )
```

12.5.3 Member Function Documentation

12.5.3.1 addToModel()

```
void cz.vutbr.fit.ta.ontology.CreationEvent.addToModel (
    TargetModel target )
```

12.5.3.2 getClassIRI()

```
IRI cz.vutbr.fit.ta.ontology.CreationEvent.getClassIRI ( )
```

12.5.3.3 loadFromModel()

```
void cz.vutbr.fit.ta.ontology.CreationEvent.loadFromModel (
    Model model,
    EntityFactory efactory )
```

12.5.4 Member Data Documentation

12.5.4.1 CLASS_IRI

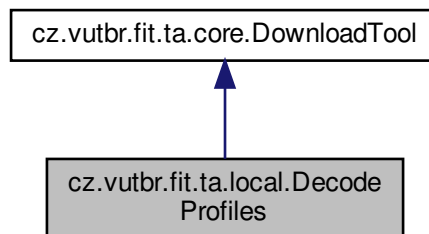
```
final IRI cz.vutbr.fit.ta.ontology.CreationEvent.CLASS_IRI = vf.createIRI("http://nesfit.↵
github.io/ontology/ta.owl#CreationEvent") [static]
```

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

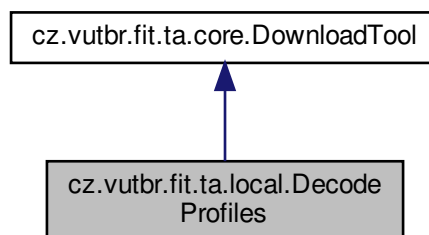
- /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/Creation↵
Event.java

12.6 cz.vutbr.fit.ta.local.DecodeProfiles Class Reference

Inheritance diagram for cz.vutbr.fit.ta.local.DecodeProfiles:



Collaboration diagram for cz.vutbr.fit.ta.local.DecodeProfiles:



Public Member Functions

- [DecodeProfiles](#) ()
- void [downloadTimeline](#) (String homedir) throws IOException

Static Public Member Functions

- static void `main` (String[] args)

Static Protected Member Functions

- static Resource `getContext` ()

Additional Inherited Members

12.6.1 Detailed Description

A command-line interface for decoding profiles.

Author

burgetr

12.6.2 Constructor & Destructor Documentation

12.6.2.1 DecodeProfiles()

```
cz.vutbr.fit.ta.local.DecodeProfiles.DecodeProfiles ( )
```

12.6.3 Member Function Documentation

12.6.3.1 downloadTimeline()

```
void cz.vutbr.fit.ta.local.DecodeProfiles.downloadTimeline (
    String homedir ) throws IOException
```

12.6.3.2 getContext()

```
static Resource cz.vutbr.fit.ta.local.DecodeProfiles.getContext ( ) [static], [protected]
```

12.6.3.3 main()

```
static void cz.vutbr.fit.ta.local.DecodeProfiles.main (
    String [] args ) [static]
```

Parameters

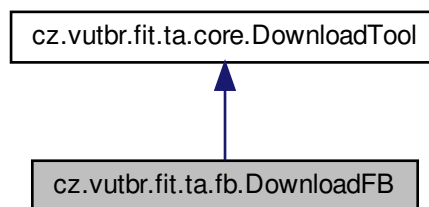
<i>args</i>	
-------------	--

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

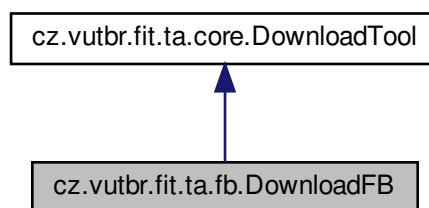
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/DecodeProfiles.java](#)

12.7 cz.vutbr.fit.ta.fb.DownloadFB Class Reference

Inheritance diagram for cz.vutbr.fit.ta.fb.DownloadFB:



Collaboration diagram for cz.vutbr.fit.ta.fb.DownloadFB:



Public Member Functions

- [DownloadFB \(\)](#)
- void [downloadTimeline](#) (String username) throws IOException

Static Public Member Functions

- static void [main](#) (String[] args)

Protected Member Functions

- Resource [getContext](#) ()

12.7.1 Detailed Description

Author

burgetr

12.7.2 Constructor & Destructor Documentation

12.7.2.1 DownloadFB()

```
cz.vutbr.fit.ta.fb.DownloadFB.DownloadFB ( )
```

12.7.3 Member Function Documentation

12.7.3.1 downloadTimeline()

```
void cz.vutbr.fit.ta.fb.DownloadFB.downloadTimeline (
    String username ) throws IOException
```

12.7.3.2 getContext()

```
Resource cz.vutbr.fit.ta.fb.DownloadFB.getContext ( ) [protected]
```

12.7.3.3 main()

```
static void cz.vutbr.fit.ta.fb.DownloadFB.main (
    String [] args ) [static]
```


Parameters

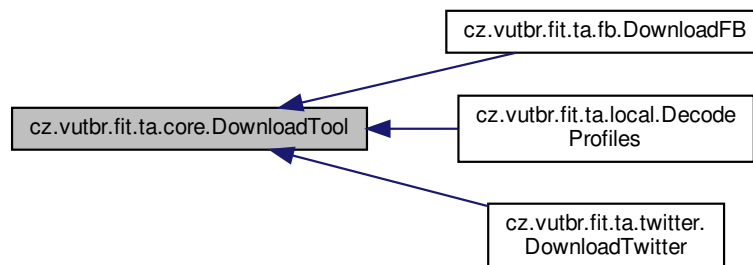
<code>args</code>

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

- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/DownloadFB.java](#)

12.8 cz.vutbr.fit.ta.core.DownloadTool Class Reference

Inheritance diagram for cz.vutbr.fit.ta.core.DownloadTool:



Public Member Functions

- [DownloadTool \(\)](#)
- String [getRepositoryUrl \(\)](#)
- Date [getStartDate \(\)](#)
- Date [getEndDate \(\)](#)
- int [getLimit \(\)](#)

Protected Member Functions

- void [loadConfigValues \(\)](#)
- String [getConfig \(String key, String defaultValue\)](#)
- int [getConfig \(String key, int defaultValue\)](#) throws `NumberFormatException`
- Date [getConfig \(String key, Date defaultValue, DateFormat dateFormat\)](#) throws `ParseException`

12.8.1 Detailed Description

A base for the configurable download tools.

Author

burgetr

12.8.2 Constructor & Destructor Documentation

12.8.2.1 DownloadTool()

```
cz.vutbr.fit.ta.core.DownloadTool.DownloadTool ( )
```

12.8.3 Member Function Documentation

12.8.3.1 getConfig() [1/3]

```
String cz.vutbr.fit.ta.core.DownloadTool.getConfig (
    String key,
    String defaultValue ) [protected]
```

12.8.3.2 getConfig() [2/3]

```
int cz.vutbr.fit.ta.core.DownloadTool.getConfig (
    String key,
    int defaultValue ) throws NumberFormatException [protected]
```

12.8.3.3 getConfig() [3/3]

```
Date cz.vutbr.fit.ta.core.DownloadTool.getConfig (
    String key,
    Date defaultValue,
    DateFormat dateFormat ) throws ParseException [protected]
```

12.8.3.4 getEndDate()

```
Date cz.vutbr.fit.ta.core.DownloadTool.getEndDate ( )
```

12.8.3.5 getLimit()

```
int cz.vutbr.fit.ta.core.DownloadTool.getLimit ( )
```

12.8.3.6 getRepositoryUrl()

```
String cz.vutbr.fit.ta.core.DownloadTool.getRepositoryUrl ( )
```

12.8.3.7 getStartDate()

```
Date cz.vutbr.fit.ta.core.DownloadTool.getStartDate ( )
```

12.8.3.8 loadConfigValues()

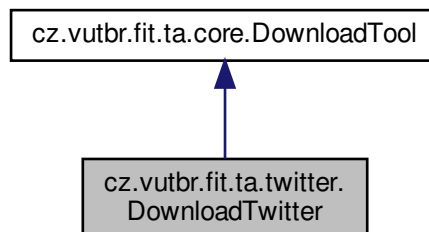
```
void cz.vutbr.fit.ta.core.DownloadTool.loadConfigValues ( ) [protected]
```

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

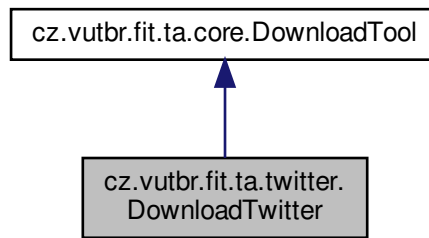
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/core/DownloadTool.java](#)

12.9 cz.vutbr.fit.ta.twitter.DownloadTwitter Class Reference

Inheritance diagram for cz.vutbr.fit.ta.twitter.DownloadTwitter:



Collaboration diagram for `cz.vutbr.fit.ta.twitter.DownloadTwitter`:



Public Member Functions

- [DownloadTwitter](#) ()
- void [downloadTimeline](#) (String username) throws IOException

Static Public Member Functions

- static void [main](#) (String[] args)

Protected Member Functions

- Resource [getContext](#) ()

12.9.1 Detailed Description

Author

burgetr

12.9.2 Constructor & Destructor Documentation

12.9.2.1 DownloadTwitter()

```
cz.vutbr.fit.ta.twitter.DownloadTwitter.DownloadTwitter ( )
```

12.9.3 Member Function Documentation

12.9.3.1 downloadTimeline()

```
void cz.vutbr.fit.ta.twitter.DownloadTwitter.downloadTimeline (
    String username ) throws IOException
```

12.9.3.2 getContext()

```
Resource cz.vutbr.fit.ta.twitter.DownloadTwitter.getContext ( ) [protected]
```

12.9.3.3 main()

```
static void cz.vutbr.fit.ta.twitter.DownloadTwitter.main (
    String [] args ) [static]
```

Parameters

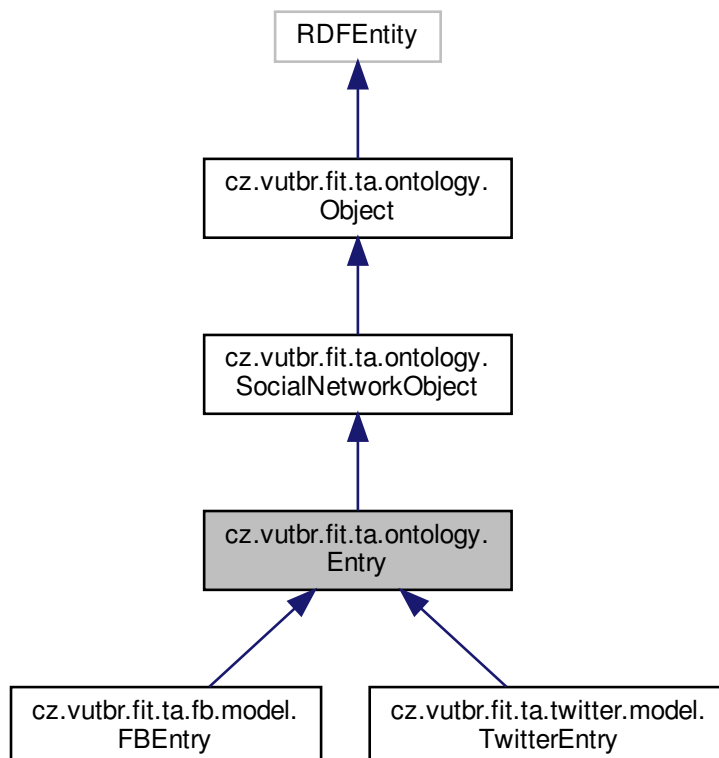
<i>args</i>	
-------------	--

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

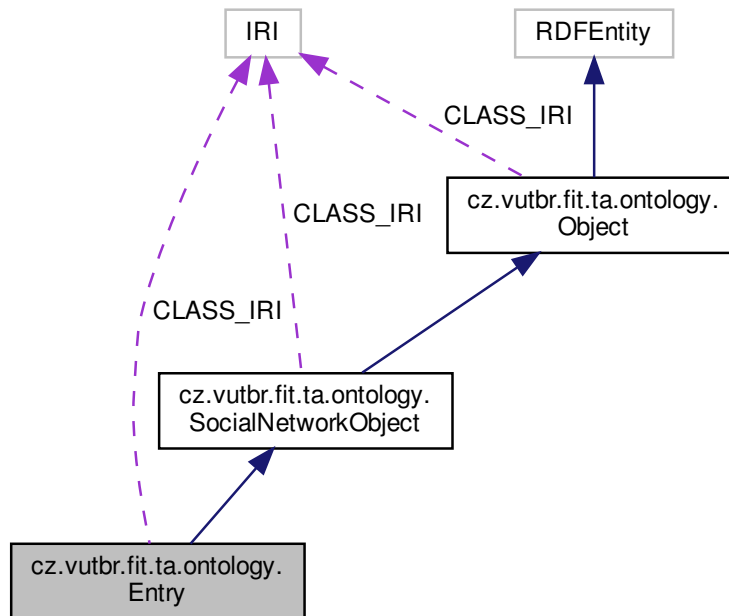
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/twitter/DownloadTwitter.java](#)

12.10 cz.vutbr.fit.ta.ontology.Entry Class Reference

Inheritance diagram for cz.vutbr.fit.ta.ontology.Entry:



Collaboration diagram for cz.vutbr.fit.ta.ontology.Entry:



Public Member Functions

- [Entry](#) (IRI iri)
- IRI [getClassIRI](#) ()
- Set< [Content](#) > [getContains](#) ()
- String [getSourceId](#) ()
- void [setSourceId](#) (String sourceId)
- String [getTags](#) ()
- void [setTags](#) (String tags)
- void [addToModel](#) (TargetModel target)
- void [loadFromModel](#) (Model model, EntityFactory efactory)

Static Public Attributes

- static final IRI [CLASS_IRI](#) = vf.createIRI("http://nesfit.github.io/ontology/ta.owl#Entry")

12.10.1 Detailed Description

An entry in the timeline.

IRI:

```
<http://nesfit.github.io/ontology/ta.owl#Entry>
```

12.10.2 Constructor & Destructor Documentation

12.10.2.1 Entry()

```
cz.vutbr.fit.ta.ontology.Entry.Entry (
    IRI iri )
```

12.10.3 Member Function Documentation

12.10.3.1 addToModel()

```
void cz.vutbr.fit.ta.ontology.Entry.addToModel (
    TargetModel target )
```

12.10.3.2 getClassIRI()

```
IRI cz.vutbr.fit.ta.ontology.Entry.getClassIRI ( )
```

12.10.3.3 getContains()

```
Set<Content> cz.vutbr.fit.ta.ontology.Entry.getContains ( )
```

12.10.3.4 getSourceId()

```
String cz.vutbr.fit.ta.ontology.Entry.getSourceId ( )
```

12.10.3.5 getTags()

```
String cz.vutbr.fit.ta.ontology.Entry.getTags ( )
```


12.10.3.6 loadFromModel()

```
void cz.vutbr.fit.ta.ontology.Entry.loadFromModel (
    Model model,
    EntityFactory efactory )
```

12.10.3.7 setSourceId()

```
void cz.vutbr.fit.ta.ontology.Entry.setSourceId (
    String sourceId )
```

12.10.3.8 setTags()

```
void cz.vutbr.fit.ta.ontology.Entry.setTags (
    String tags )
```

12.10.4 Member Data Documentation

12.10.4.1 CLASS_IRI

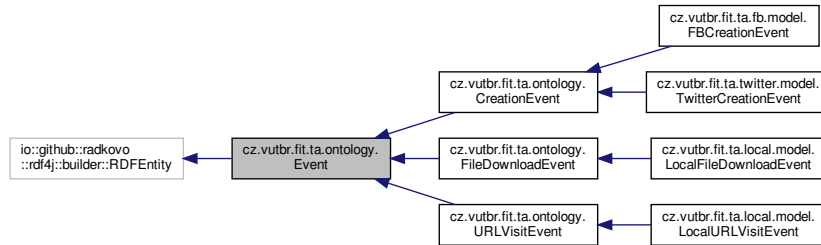
```
final IRI cz.vutbr.fit.ta.ontology.Entry.CLASS_IRI = vf.createIRI("http://nesfit.github.io/ontology/ta.owl#Entry") [static]
```

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

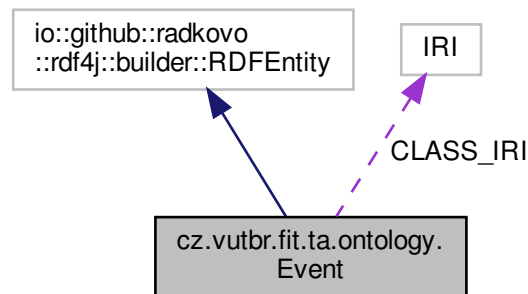
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/Entry.java](#)

12.11 cz.vutbr.fit.ta.ontology.Event Class Reference

Inheritance diagram for cz.vutbr.fit.ta.ontology.Event:



Collaboration diagram for cz.vutbr.fit.ta.ontology.Event:



Public Member Functions

- [Event](#) (IRI iri)
- IRI [getClassIRI](#) ()
- [Timeline](#) [getSourceTimeline](#) ()
- void [setSourceTimeline](#) ([Timeline](#) sourceTimeline)
- Set< [Object](#) > [getRefersTo](#) ()
- java.util.Date [getTimestamp](#) ()
- void [setTimestamp](#) (java.util.Date timestamp)
- void [addToModel](#) ([TargetModel](#) target)
- void [loadFromModel](#) ([Model](#) model, [EntityFactory](#) efactory)

Static Public Attributes

- static final IRI [CLASS_IRI](#) = vf.createIRI("http://nesfit.github.io/ontology/ta.owl#Event")

12.11.1 Detailed Description

An event with a subject and time assigned.

IRI:

```
<http://nesfit.github.io/ontology/ta.owl#Event>
```

12.11.2 Constructor & Destructor Documentation

12.11.2.1 Event()

```
cz.vutbr.fit.ta.ontology.Event.Event (
    IRI iri )
```

12.11.3 Member Function Documentation

12.11.3.1 addToModel()

```
void cz.vutbr.fit.ta.ontology.Event.addToModel (
    TargetModel target )
```

12.11.3.2 getClassIRI()

```
IRI cz.vutbr.fit.ta.ontology.Event.getClassIRI ( )
```

12.11.3.3 getRefersTo()

```
Set<Object> cz.vutbr.fit.ta.ontology.Event.getRefersTo ( )
```

12.11.3.4 getSourceTimeline()

```
Timeline cz.vutbr.fit.ta.ontology.Event.getSourceTimeline ( )
```

12.11.3.5 `getTimestamp()`

```
java.util.Date cz.vutbr.fit.ta.ontology.Event.getTimestamp ( )
```

12.11.3.6 `loadFromModel()`

```
void cz.vutbr.fit.ta.ontology.Event.loadFromModel (
    Model model,
    EntityFactory efactory )
```

12.11.3.7 `setSourceTimeline()`

```
void cz.vutbr.fit.ta.ontology.Event.setSourceTimeline (
    Timeline sourceTimeline )
```

12.11.3.8 `setTimestamp()`

```
void cz.vutbr.fit.ta.ontology.Event.setTimestamp (
    java.util.Date timestamp )
```

12.11.4 Member Data Documentation

12.11.4.1 `CLASS_IRI`

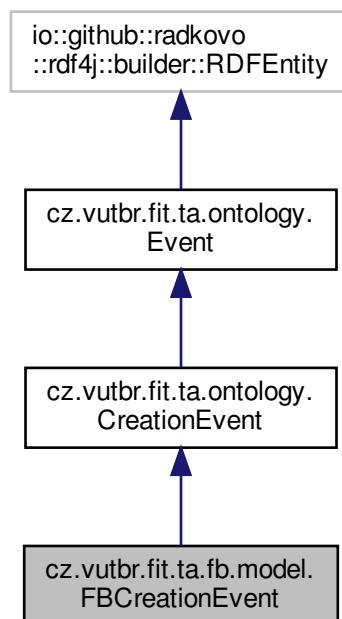
```
final IRI cz.vutbr.fit.ta.ontology.Event.CLASS_IRI = vf.createIRI("http://nesfit.github.io/ontology/ta.owl#Event") [static]
```

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

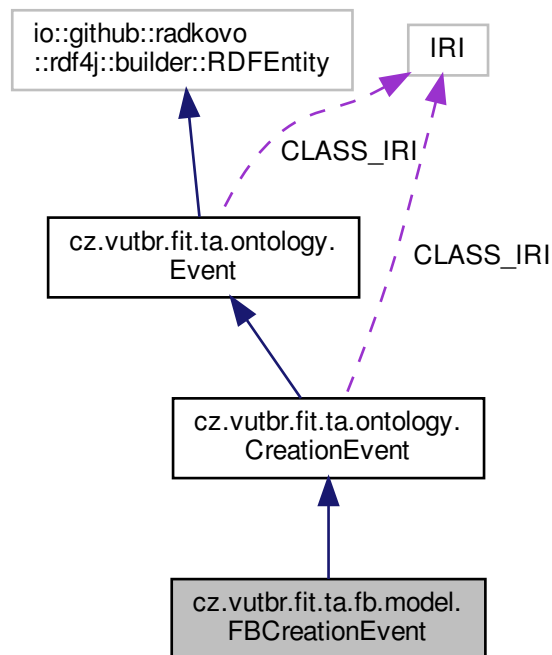
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/Event.java](#)

12.12 cz.vutbr.fit.ta.fb.model.FBCreationEvent Class Reference

Inheritance diagram for cz.vutbr.fit.ta.fb.model.FBCreationEvent:



Collaboration diagram for `cz.vutbr.fit.ta.fb.model.FBCreationEvent`:



Public Member Functions

- [FBCreationEvent](#) (IRI iri)

Additional Inherited Members

12.12.1 Detailed Description

Author

burgetr

12.12.2 Constructor & Destructor Documentation

12.12.2.1 FBCreationEvent()

```

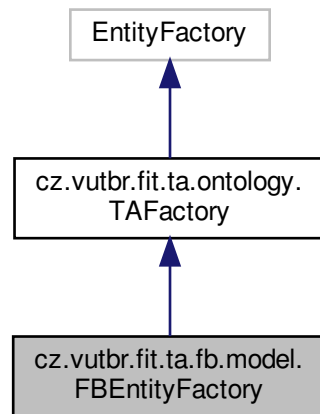
cz.vutbr.fit.ta.fb.model.FBCreationEvent.FBCreationEvent (
    IRI iri )
  
```

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

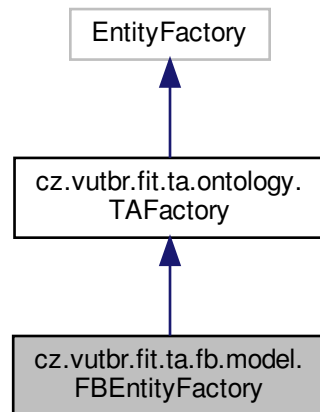
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/model/FB↔CreationEvent.java](#)

12.13 cz.vutbr.fit.ta.fb.model.FBEntityFactory Class Reference

Inheritance diagram for cz.vutbr.fit.ta.fb.model.FBEntityFactory:



Collaboration diagram for cz.vutbr.fit.ta.fb.model.FBEntityFactory:



Public Member Functions

- [Content createContent](#) (IRI iri)
- [TextContent createTextContent](#) (IRI iri)
- [TextContent createTextContent](#) (String postId)
- [Image createImage](#) (IRI iri)

- [Image createImage](#) (String imageId)
- [Entry createEntry](#) (IRI iri)
- [Entry createEntry](#) (String postId)
- [Timeline createTimeline](#) (IRI iri)
- [Timeline createTimeline](#) (String profileId)
- [GeoContent createGeoContent](#) (IRI iri)
- [GeoContent createGeoContent](#) (String postId)
- [URLContent createURLContent](#) (IRI iri)
- [URLContent createURLContent](#) (String postId, int index)
- [SocialNetworkObject createSocialNetworkObject](#) (IRI iri)
- [LocalFile createLocalFile](#) (IRI iri)
- [Object createObject](#) (IRI iri)
- [Event createEvent](#) (IRI iri)
- [CreationEvent createCreationEvent](#) (IRI iri)
- [CreationEvent createCreationEvent](#) (String postId)
- [FileDownloadEvent createFileDownloadEvent](#) (IRI iri)
- [WebResource createWebResource](#) (IRI iri)
- [WebResource createWebResource](#) (String urlString)
- [URLVisitEvent createURLVisitEvent](#) (IRI iri)

Static Public Member Functions

- static [FBEntityFactory getInstance](#) ()

Protected Member Functions

- [FBEntityFactory](#) ()

12.13.1 Detailed Description

Author

burgetr

12.13.2 Constructor & Destructor Documentation

12.13.2.1 FBEntityFactory()

```
cz.vutbr.fit.ta.fb.model.FBEntityFactory.FBEntityFactory ( ) [protected]
```

12.13.3 Member Function Documentation

12.13.3.1 createContent()

`Content` `cz.vutbr.fit.ta.fb.model.FBEntityFactory.createContent (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.13.3.2 createCreationEvent() [1/2]

`CreationEvent` `cz.vutbr.fit.ta.fb.model.FBEntityFactory.createCreationEvent (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.13.3.3 createCreationEvent() [2/2]

`CreationEvent` `cz.vutbr.fit.ta.fb.model.FBEntityFactory.createCreationEvent (String postId)`

12.13.3.4 createEntry() [1/2]

`Entry` `cz.vutbr.fit.ta.fb.model.FBEntityFactory.createEntry (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.13.3.5 createEntry() [2/2]

`Entry` `cz.vutbr.fit.ta.fb.model.FBEntityFactory.createEntry (String postId)`

12.13.3.6 createEvent()

`Event` `cz.vutbr.fit.ta.fb.model.FBEntityFactory.createEvent (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.13.3.7 createFileDownloadEvent()

`FileDownloadEvent` `cz.vutbr.fit.ta.fb.model.FBEntityFactory.createFileDownloadEvent (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.13.3.8 createGeoContent() [1/2]

`GeoContent` `cz.vutbr.fit.ta.fb.model.FBEntityFactory.createGeoContent (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.13.3.9 createGeoContent() [2/2]

`GeoContent` `cz.vutbr.fit.ta.fb.model.FBEntityFactory.createGeoContent (String postId)`

12.13.3.10 createImage() [1/2]

`Image` `cz.vutbr.fit.ta.fb.model.FBEntityFactory.createImage (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.13.3.11 createImage() [2/2]

`Image` `cz.vutbr.fit.ta.fb.model.FBEntityFactory.createImage (String imageId)`

12.13.3.12 createLocalFile()

`LocalFile` `cz.vutbr.fit.ta.fb.model.FBEntityFactory.createLocalFile (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.13.3.13 createObject()

`Object` `cz.vutbr.fit.ta.fb.model.FBEntityFactory.createObject (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.13.3.14 createSocialNetworkObject()

`SocialNetworkObject` `cz.vutbr.fit.ta.fb.model.FBEntityFactory.createSocialNetworkObject (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.13.3.15 createTextContent() [1/2]

`TextContent` `cz.vutbr.fit.ta.fb.model.FBEntityFactory.createTextContent (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.13.3.16 createTextContent() [2/2]

`TextContent` `cz.vutbr.fit.ta.fb.model.FBEntityFactory.createTextContent (String postId)`

12.13.3.17 createTimeline() [1/2]

`Timeline` `cz.vutbr.fit.ta.fb.model.FBEntityFactory.createTimeline (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.13.3.18 createTimeline() [2/2]

`Timeline` `cz.vutbr.fit.ta.fb.model.FBEntityFactory.createTimeline (String profileId)`

12.13.3.19 createURLContent() [1/2]

```
URLContent cz.vutbr.fit.ta.fb.model.FBEntityFactory.createURLContent (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.13.3.20 createURLContent() [2/2]

```
URLContent cz.vutbr.fit.ta.fb.model.FBEntityFactory.createURLContent (
    String postId,
    int index )
```

12.13.3.21 createURLVisitEvent()

```
URLVisitEvent cz.vutbr.fit.ta.fb.model.FBEntityFactory.createURLVisitEvent (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.13.3.22 createWebResource() [1/2]

```
WebResource cz.vutbr.fit.ta.fb.model.FBEntityFactory.createWebResource (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.13.3.23 createWebResource() [2/2]

```
WebResource cz.vutbr.fit.ta.fb.model.FBEntityFactory.createWebResource (
    String urlString )
```

12.13.3.24 getInstance()

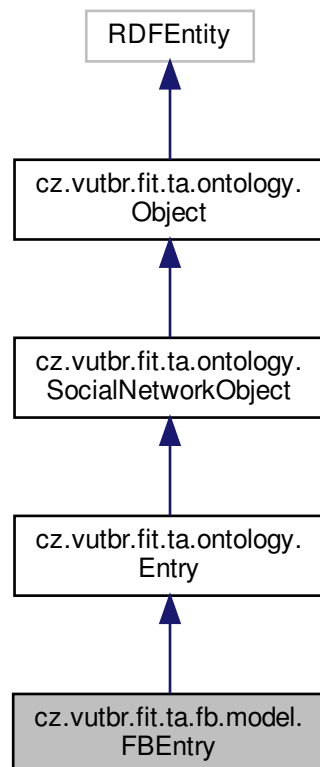
```
static FBEntityFactory cz.vutbr.fit.ta.fb.model.FBEntityFactory.getInstance ( ) [static]
```

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

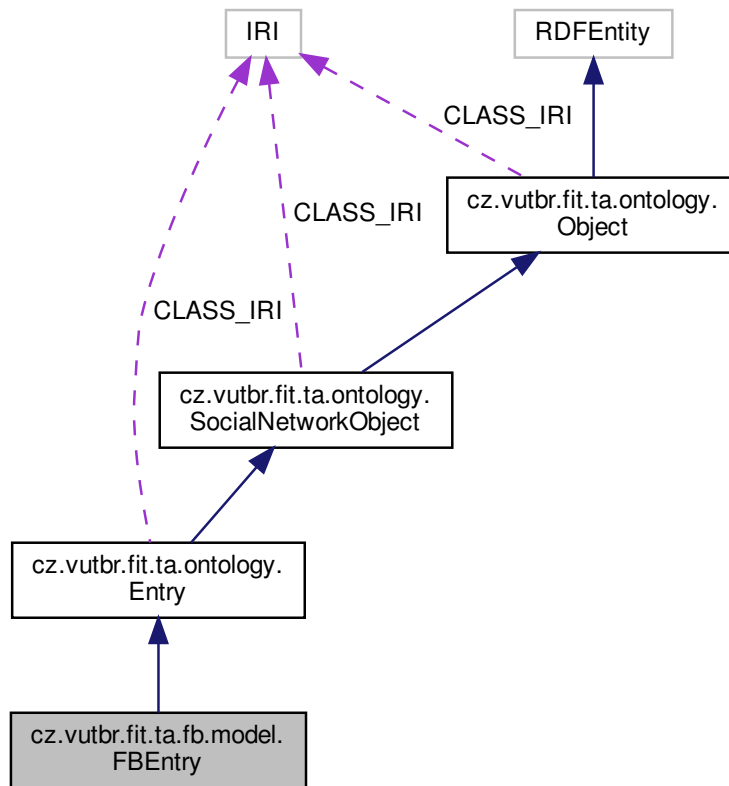
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/model/FBEntityFactory.java](#)

12.14 cz.vutbr.fit.ta.fb.model.FBEntry Class Reference

Inheritance diagram for cz.vutbr.fit.ta.fb.model.FBEntry:



Collaboration diagram for `cz.vutbr.fit.ta.fb.model.FBEntry`:



Public Member Functions

- [FBEntry](#) (IRI iri)

Additional Inherited Members

12.14.1 Detailed Description

Author

burgetr

12.14.2 Constructor & Destructor Documentation

12.14.2.1 FBEntry()

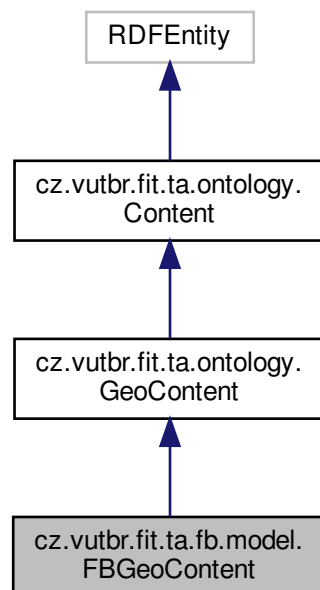
```
cz.vutbr.fit.ta.fb.model.FBEntry.FBEntry (
    IRI iri )
```

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

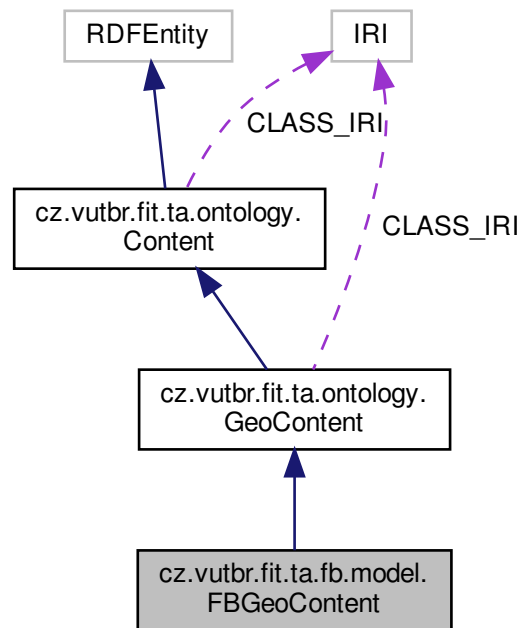
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/model/FBEntry.java](#)

12.15 cz.vutbr.fit.ta.fb.model.FBGeoContent Class Reference

Inheritance diagram for cz.vutbr.fit.ta.fb.model.FBGeoContent:



Collaboration diagram for `cz.vutbr.fit.ta.fb.model.FBGeoContent`:



Public Member Functions

- [FBGeoContent](#) (IRI iri)

Additional Inherited Members

12.15.1 Detailed Description

Author

burgetr

12.15.2 Constructor & Destructor Documentation

12.15.2.1 FBGeoContent()

```

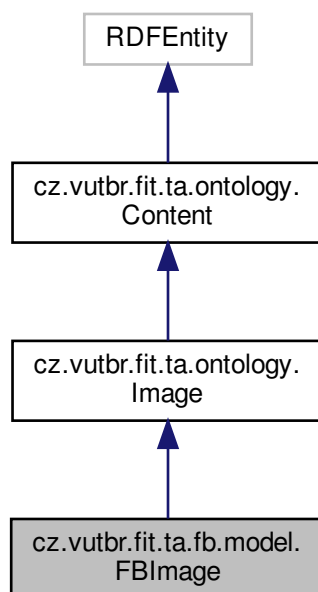
cz.vutbr.fit.ta.fb.model.FBGeoContent.FBGeoContent (
    IRI iri )
  
```

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

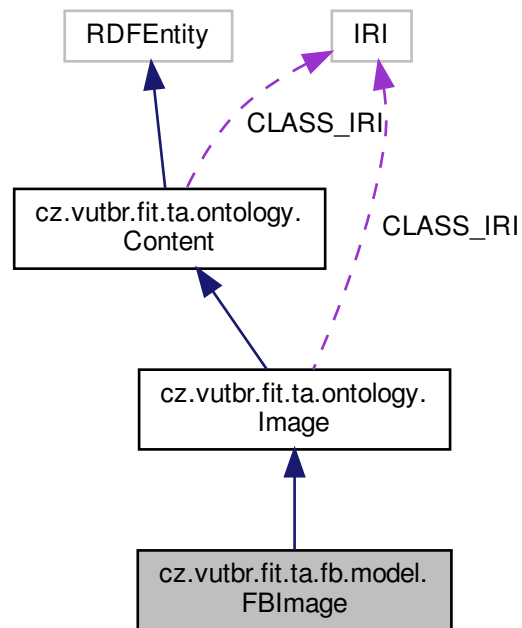
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/model/FBGeoContent.java](#)

12.16 cz.vutbr.fit.ta.fb.model.FBImage Class Reference

Inheritance diagram for cz.vutbr.fit.ta.fb.model.FBImage:



Collaboration diagram for `cz.vutbr.fit.ta.fb.model.FBImage`:



Public Member Functions

- [FBImage](#) (IRI iri)

Additional Inherited Members

12.16.1 Detailed Description

Author

burgetr

12.16.2 Constructor & Destructor Documentation

12.16.2.1 FBImage()

```

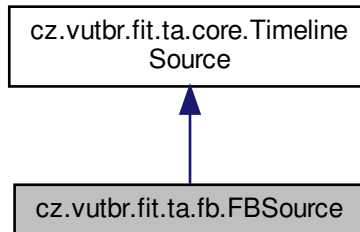
cz.vutbr.fit.ta.fb.model.FBImage.FBImage (
    IRI iri )
  
```

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

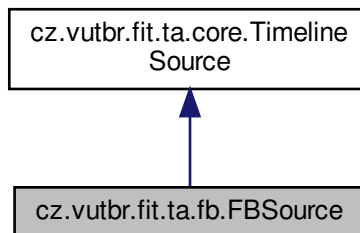
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/model/FBImage.java](#)

12.17 cz.vutbr.fit.ta.fb.FBSource Class Reference

Inheritance diagram for cz.vutbr.fit.ta.fb.FBSource:



Collaboration diagram for cz.vutbr.fit.ta.fb.FBSource:



Public Member Functions

- [FBSource](#) (String profileId)
- String [getProfileId](#) ()
- [Timeline](#) [getTimeline](#) ()

12.17.1 Detailed Description

Author

burgetr

12.17.2 Constructor & Destructor Documentation

12.17.2.1 FBSource()

```
cz.vutbr.fit.ta.fb.FBSource.FBSource (
    String profileId )
```

12.17.3 Member Function Documentation

12.17.3.1 getProfileId()

```
String cz.vutbr.fit.ta.fb.FBSource.getProfileId ( )
```

12.17.3.2 getTimeline()

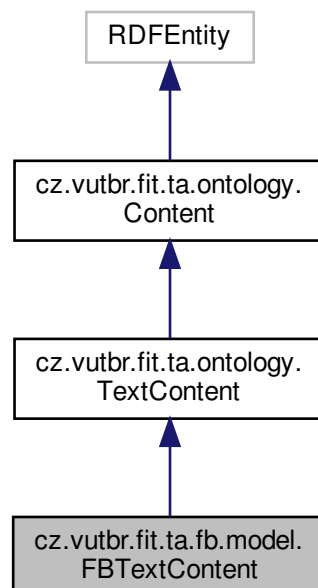
```
Timeline cz.vutbr.fit.ta.fb.FBSource.getTimeline ( )
```

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

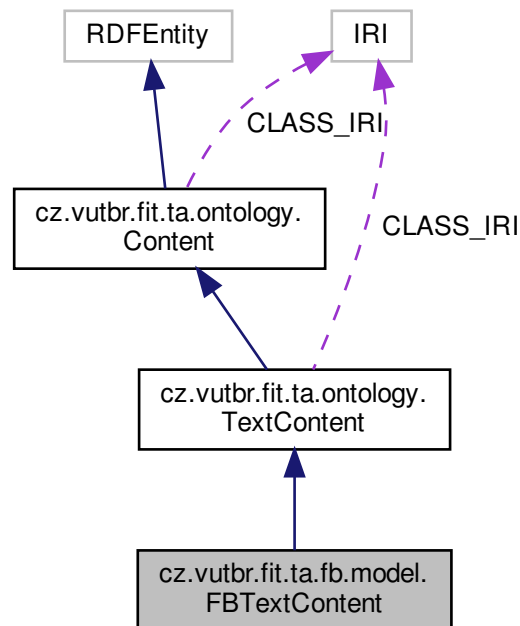
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/FBSource.java](#)

12.18 cz.vutbr.fit.ta.fb.model.FBTextContent Class Reference

Inheritance diagram for cz.vutbr.fit.ta.fb.model.FBTextContent:



Collaboration diagram for cz.vutbr.fit.ta.fb.model.FBTextContent:



Public Member Functions

- [FBTextContent](#) (IRI iri)

Additional Inherited Members

12.18.1 Detailed Description

Author

burgetr

12.18.2 Constructor & Destructor Documentation

12.18.2.1 FBTextContent()

```

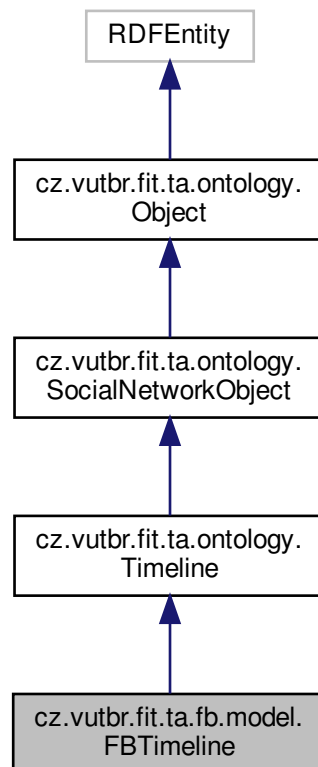
cz.vutbr.fit.ta.fb.model.FBTextContent.FBTextContent (
    IRI iri )
  
```

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

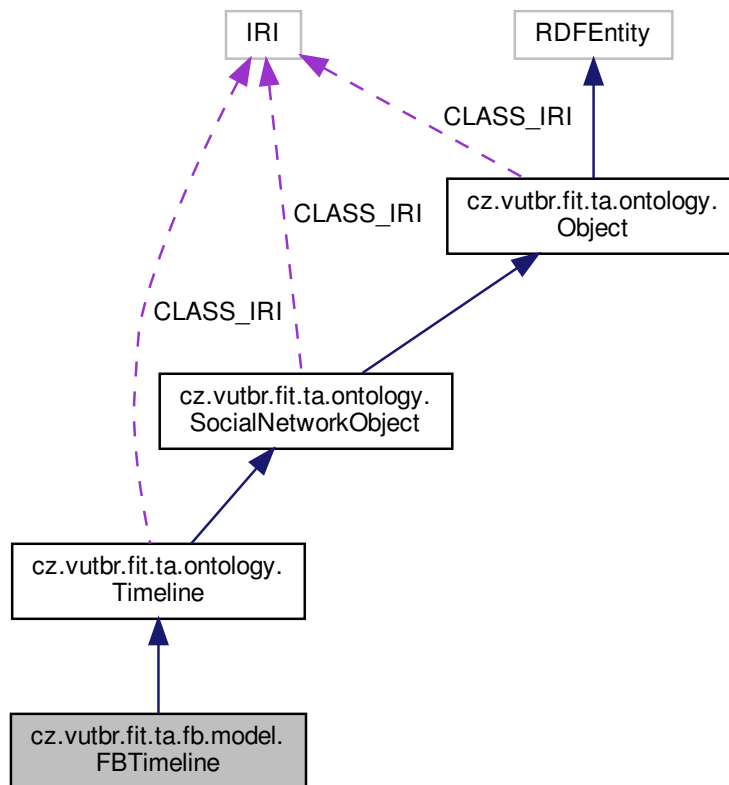
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/model/FBTextContent.java](#)

12.19 cz.vutbr.fit.ta.fb.model.FBTimeline Class Reference

Inheritance diagram for cz.vutbr.fit.ta.fb.model.FBTimeline:



Collaboration diagram for cz.vutbr.fit.ta.fb.model.FBTimeline:



Public Member Functions

- [FBTimeline](#) (IRI iri)
- String [getLabel](#) ()

Additional Inherited Members

12.19.1 Detailed Description

Author

burgetr

12.19.2 Constructor & Destructor Documentation

12.19.2.1 FBTimeline()

```
cz.vutbr.fit.ta.fb.model.FBTimeline.FBTimeline (
    IRI iri )
```

12.19.3 Member Function Documentation

12.19.3.1 getLabel()

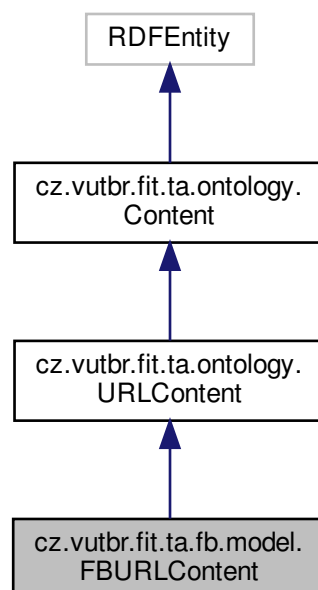
```
String cz.vutbr.fit.ta.fb.model.FBTimeline.getLabel ( )
```

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

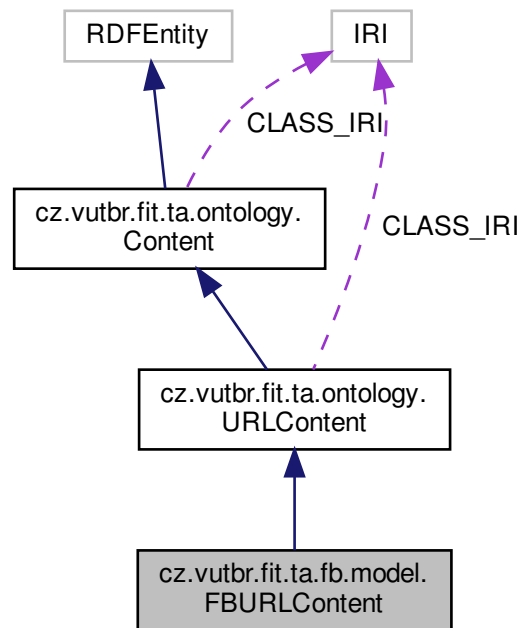
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/model/FBTimeline.java](#)

12.20 cz.vutbr.fit.ta.fb.model.FBURLContent Class Reference

Inheritance diagram for cz.vutbr.fit.ta.fb.model.FBURLContent:



Collaboration diagram for cz.vutbr.fit.ta.fb.model.FBURLContent:



Public Member Functions

- [FBURLContent](#) (IRI iri)

Additional Inherited Members

12.20.1 Detailed Description

Author

burgetr

12.20.2 Constructor & Destructor Documentation

12.20.2.1 FBURLContent()

```

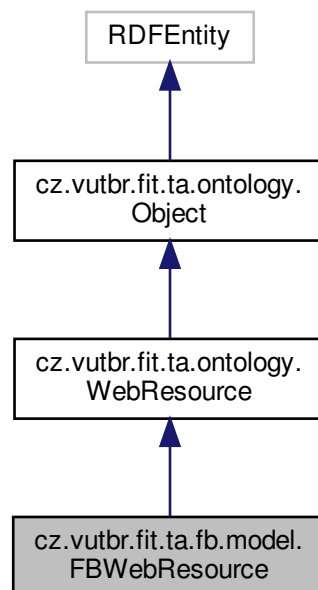
cz.vutbr.fit.ta.fb.model.FBURLContent.FBURLContent (
    IRI iri )
  
```

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

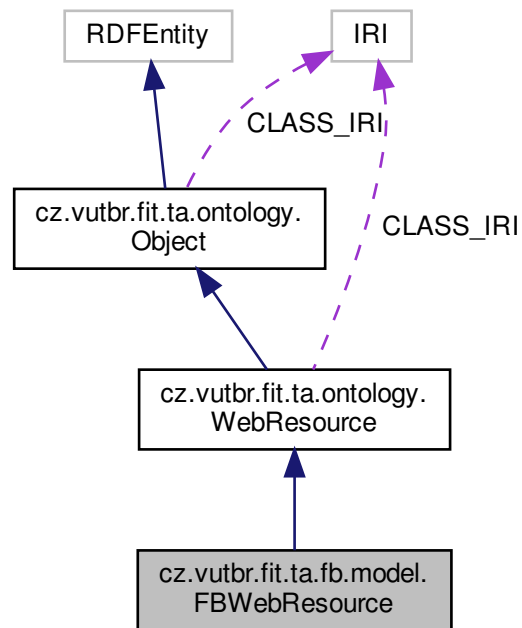
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/model/FBURLContent.java](#)

12.21 cz.vutbr.fit.ta.fb.model.FBWebResource Class Reference

Inheritance diagram for cz.vutbr.fit.ta.fb.model.FBWebResource:



Collaboration diagram for cz.vutbr.fit.ta.fb.model.FBWebResource:



Public Member Functions

- [FBWebResource](#) (IRI iri)

Additional Inherited Members

12.21.1 Detailed Description

Author

burgetr

12.21.2 Constructor & Destructor Documentation

12.21.2.1 FBWebResource()

```

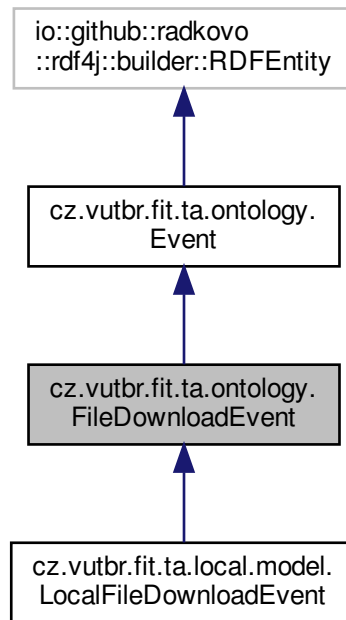
cz.vutbr.fit.ta.fb.model.FBWebResource.FBWebResource (
    IRI iri )
  
```

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

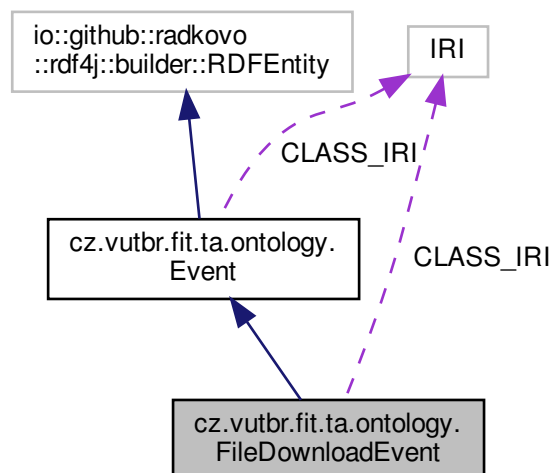
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/model/FBWebResource.java](#)

12.22 cz.vutbr.fit.ta.ontology.FileDownloadEvent Class Reference

Inheritance diagram for cz.vutbr.fit.ta.ontology.FileDownloadEvent:



Collaboration diagram for cz.vutbr.fit.ta.ontology.FileDownloadEvent:



Public Member Functions

- [FileDownloadEvent](#) (IRI iri)
- IRI [getClassIRI](#) ()
- void [addToModel](#) (TargetModel target)
- void [loadFromModel](#) (Model model, EntityFactory efactory)

Static Public Attributes

- static final IRI [CLASS_IRI](#) = vf.createIRI("http://nesfit.github.io/ontology/ta.owl#FileDownloadEvent")

12.22.1 Detailed Description

downloaded.

An event of the file download from a URL.

IRI:

```
<http://nesfit.github.io/ontology/ta.owl#FileDownloadEvent>
```

12.22.2 Constructor & Destructor Documentation

12.22.2.1 FileDownloadEvent()

```
cz.vutbr.fit.ta.ontology.FileDownloadEvent.FileDownloadEvent (
    IRI iri )
```

12.22.3 Member Function Documentation

12.22.3.1 addToModel()

```
void cz.vutbr.fit.ta.ontology.FileDownloadEvent.addToModel (
    TargetModel target )
```

12.22.3.2 getClassIRI()

```
IRI cz.vutbr.fit.ta.ontology.FileDownloadEvent.getClassIRI ( )
```

12.22.3.3 loadFromModel()

```
void cz.vutbr.fit.ta.ontology.FileDownloadEvent.loadFromModel (
    Model model,
    EntityFactory efactory )
```

12.22.4 Member Data Documentation

12.22.4.1 CLASS_IRI

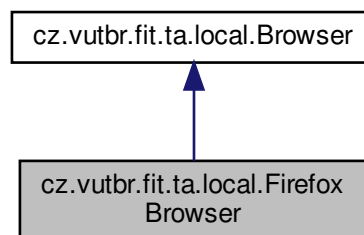
```
final IRI cz.vutbr.fit.ta.ontology.FileDownloadEvent.CLASS_IRI = vf.createIRI("http://nesfit.↔
github.io/ontology/ta.owl#FileDownloadEvent") [static]
```

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

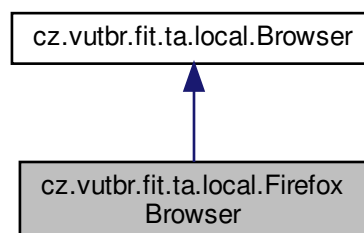
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/File↔DownloadEvent.java](#)

12.23 cz.vutbr.fit.ta.local.FirefoxBrowser Class Reference

Inheritance diagram for cz.vutbr.fit.ta.local.FirefoxBrowser:



Collaboration diagram for cz.vutbr.fit.ta.local.FirefoxBrowser:



Public Member Functions

- [FirefoxBrowser](#) (OS os)
- [FirefoxBrowser](#) (OS os, String userHome)
- String [getProfilePath](#) ()
- List< [Profile](#) > [getProfiles](#) ()

12.23.1 Detailed Description

Author

burgetr

12.23.2 Constructor & Destructor Documentation

12.23.2.1 FirefoxBrowser() [1/2]

```
cz.vutbr.fit.ta.local.FirefoxBrowser.FirefoxBrowser (
    OS os )
```

12.23.2.2 FirefoxBrowser() [2/2]

```
cz.vutbr.fit.ta.local.FirefoxBrowser.FirefoxBrowser (
    OS os,
    String userHome )
```

12.23.3 Member Function Documentation

12.23.3.1 getProfilePath()

```
String cz.vutbr.fit.ta.local.FirefoxBrowser.getProfilePath ( )
```

12.23.3.2 getProfiles()

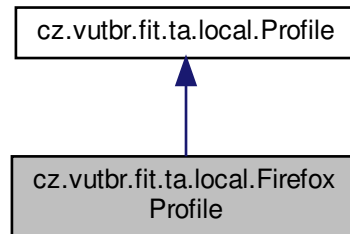
```
List<Profile> cz.vutbr.fit.ta.local.FirefoxBrowser.getProfiles ( )
```

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

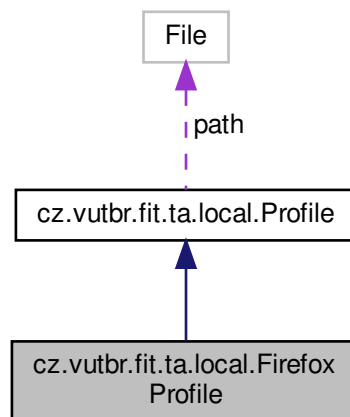
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/FirefoxBrowser.java](#)

12.24 cz.vutbr.fit.ta.local.FirefoxProfile Class Reference

Inheritance diagram for cz.vutbr.fit.ta.local.FirefoxProfile:



Collaboration diagram for cz.vutbr.fit.ta.local.FirefoxProfile:



Classes

- class **Place**

Public Member Functions

- `FirefoxProfile` (String `name`, File `path`)
- List< `Cookie` > `getCookies` ()
- List< `HistoryItem` > `getVisited` (Date `fromDate`, Date `toDate`)
- List< `HistoryItem` > `getDownloaded` (Date `fromDate`, Date `toDate`)
- List< `Place` > `getPlaces` ()
- List< `Place` > `readPlaces` ()

Additional Inherited Members

12.24.1 Detailed Description

Author

burgetr

12.24.2 Constructor & Destructor Documentation

12.24.2.1 FirefoxProfile()

```
cz.vutbr.fit.ta.local.FirefoxProfile.FirefoxProfile (
    String name,
    File path )
```

12.24.3 Member Function Documentation

12.24.3.1 getCookies()

```
List<Cookie> cz.vutbr.fit.ta.local.FirefoxProfile.getCookies ( )
```

12.24.3.2 getDownloaded()

```
List<HistoryItem> cz.vutbr.fit.ta.local.FirefoxProfile.getDownloaded (
    Date fromDate,
    Date toDate )
```

12.24.3.3 getPlaces()

```
List<Place> cz.vutbr.fit.ta.local.FirefoxProfile.getPlaces ( )
```

12.24.3.4 getVisited()

```
List<HistoryItem> cz.vutbr.fit.ta.local.FirefoxProfile.getVisited (
    Date fromDate,
    Date toDate )
```

12.24.3.5 readPlaces()

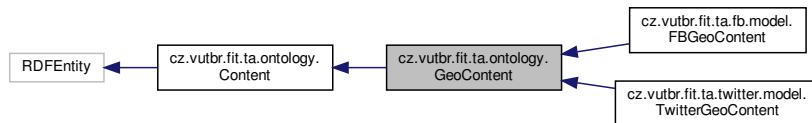
```
List<Place> cz.vutbr.fit.ta.local.FirefoxProfile.readPlaces ( )
```

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

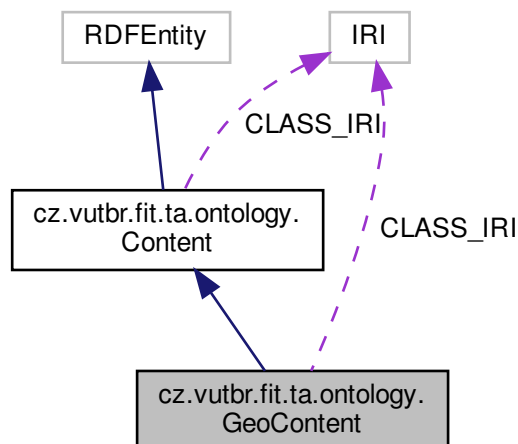
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/FirefoxProfile.java](#)

12.25 cz.vutbr.fit.ta.ontology.GeoContent Class Reference

Inheritance diagram for cz.vutbr.fit.ta.ontology.GeoContent:



Collaboration diagram for cz.vutbr.fit.ta.ontology.GeoContent:



Public Member Functions

- [GeoContent](#) (IRI iri)
- IRI [getClassIRI](#) ()
- double [getLatitude](#) ()
- void [setLatitude](#) (double latitude)
- double [getLongitude](#) ()
- void [setLongitude](#) (double longitude)
- void [addToModel](#) (TargetModel target)
- void [loadFromModel](#) (Model model, EntityFactory efactory)

Static Public Attributes

- static final IRI [CLASS_IRI](#) = vf.createIRI("http://nesfit.github.io/ontology/ta.owl#GeoContent")

12.25.1 Detailed Description

IRI:

```
<http://nesfit.github.io/ontology/ta.owl#GeoContent>
```

12.25.2 Constructor & Destructor Documentation

12.25.2.1 GeoContent()

```
cz.vutbr.fit.ta.ontology.GeoContent.GeoContent (
    IRI iri )
```

12.25.3 Member Function Documentation

12.25.3.1 addToModel()

```
void cz.vutbr.fit.ta.ontology.GeoContent.addToModel (
    TargetModel target )
```

12.25.3.2 getClassIRI()

```
IRI cz.vutbr.fit.ta.ontology.GeoContent.getClassIRI ( )
```

12.25.3.3 getLatitude()

```
double cz.vutbr.fit.ta.ontology.GeoContent.getLatitude ( )
```

12.25.3.4 getLongitude()

```
double cz.vutbr.fit.ta.ontology.GeoContent.getLongitude ( )
```

12.25.3.5 loadFromModel()

```
void cz.vutbr.fit.ta.ontology.GeoContent.loadFromModel (
    Model model,
    EntityFactory efactory )
```

12.25.3.6 setLatitude()

```
void cz.vutbr.fit.ta.ontology.GeoContent.setLatitude (
    double latitude )
```

12.25.3.7 setLongitude()

```
void cz.vutbr.fit.ta.ontology.GeoContent.setLongitude (
    double longitude )
```

12.25.4 Member Data Documentation

12.25.4.1 CLASS_IRI

```
final IRI cz.vutbr.fit.ta.ontology.GeoContent.CLASS_IRI = vf.createIRI("http://nesfit.github.io/ontology/ta.owl#GeoContent") [static]
```

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

- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/GeoContent.java](#)

12.26 cz.vutbr.fit.ta.halyard.HalyardTest Class Reference

Static Public Member Functions

- static int [countRows](#) ()
- static void [main](#) (String[] args)

12.26.1 Member Function Documentation

12.26.1.1 countRows()

```
static int cz.vutbr.fit.ta.halyard.HalyardTest.countRows ( ) [static]
```

12.26.1.2 main()

```
static void cz.vutbr.fit.ta.halyard.HalyardTest.main (
    String [] args ) [static]
```

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

- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-storage-halyard/src/main/java/cz/vutbr/fit/ta/halyard/HalyardTest.java](#)

12.27 cz.vutbr.fit.ta.local.HistoryItem Class Reference

Classes

- enum [Type](#)

Public Member Functions

- [HistoryItem](#) (int id, [Type](#) type, Date date, URL url)
- int [getId](#) ()
- [Type](#) [getType](#) ()
- void [setType](#) ([Type](#) type)
- Date [getDate](#) ()
- void [setDate](#) (Date date)
- URL [getUrl](#) ()
- void [setUrl](#) (URL url)
- int [getCount](#) ()
- void [setCount](#) (int count)
- String [getFilePath](#) ()
- void [setFilePath](#) (String filePath)
- String [getTitle](#) ()
- void [setTitle](#) (String title)
- String [getSourceId](#) ()
- String [toString](#) ()

12.27.1 Detailed Description

Author

burgetr

12.27.2 Constructor & Destructor Documentation

12.27.2.1 HistoryItem()

```
cz.vutbr.fit.ta.local.HistoryItem.HistoryItem (
    int id,
    Type type,
    Date date,
    URL url )
```

12.27.3 Member Function Documentation

12.27.3.1 getCount()

```
int cz.vutbr.fit.ta.local.HistoryItem.getCount ( )
```

12.27.3.2 getDate()

```
Date cz.vutbr.fit.ta.local.HistoryItem.getDate ( )
```

12.27.3.3 getFilePath()

```
String cz.vutbr.fit.ta.local.HistoryItem.getFilePath ( )
```

12.27.3.4 getId()

```
int cz.vutbr.fit.ta.local.HistoryItem.getId ( )
```

12.27.3.5 getSourceId()

```
String cz.vutbr.fit.ta.local.HistoryItem.getSourceId ( )
```

12.27.3.6 getTitle()

```
String cz.vutbr.fit.ta.local.HistoryItem.getTitle ( )
```

12.27.3.7 getType()

```
Type cz.vutbr.fit.ta.local.HistoryItem.getType ( )
```

12.27.3.8 getUrl()

```
URL cz.vutbr.fit.ta.local.HistoryItem.getUrl ( )
```

12.27.3.9 setCount()

```
void cz.vutbr.fit.ta.local.HistoryItem.setCount (
    int count )
```

12.27.3.10 setDate()

```
void cz.vutbr.fit.ta.local.HistoryItem.setDate (
    Date date )
```

12.27.3.11 setFilePath()

```
void cz.vutbr.fit.ta.local.HistoryItem.setFilePath (
    String filePath )
```

12.27.3.12 setTitle()

```
void cz.vutbr.fit.ta.local.HistoryItem.setTitle (
    String title )
```

12.27.3.13 setType()

```
void cz.vutbr.fit.ta.local.HistoryItem.setType (
    Type type )
```

12.27.3.14 setUrl()

```
void cz.vutbr.fit.ta.local.HistoryItem.setUrl (
    URL url )
```

12.27.3.15 toString()

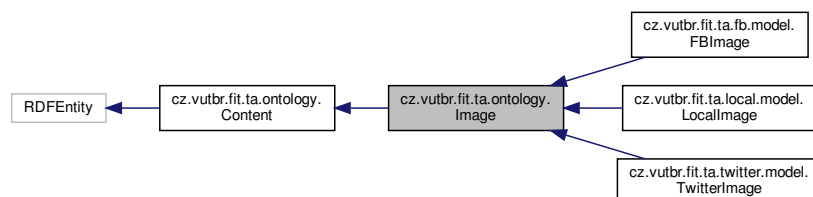
```
String cz.vutbr.fit.ta.local.HistoryItem.toString ( )
```

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

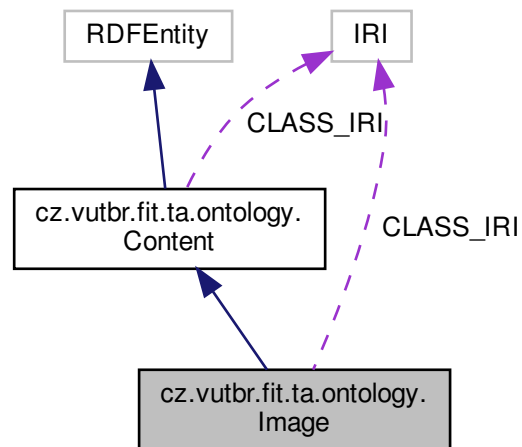
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/HistoryItem.java](#)

12.28 cz.vutbr.fit.ta.ontology.Image Class Reference

Inheritance diagram for cz.vutbr.fit.ta.ontology.Image:



Collaboration diagram for cz.vutbr.fit.ta.ontology.Image:



Public Member Functions

- [Image](#) (IRI iri)
- [IRI getClassIRI](#) ()
- [WebResource getLinksResource](#) ()
- void [setLinksResource](#) ([WebResource](#) linksResource)
- void [addToModel](#) ([TargetModel](#) target)
- void [loadFromModel](#) ([Model](#) model, [EntityFactory](#) efactory)

Static Public Attributes

- static final [IRI CLASS_IRI](#) = `vf.createIRI("http://nesfit.github.io/ontology/ta.owl#Image")`

12.28.1 Detailed Description

An image contained in an entry..

IRI:

```
<http://nesfit.github.io/ontology/ta.owl#Image>
```

12.28.2 Constructor & Destructor Documentation

12.28.2.1 Image()

```
cz.vutbr.fit.ta.ontology.Image.Image (
    IRI iri )
```

12.28.3 Member Function Documentation

12.28.3.1 addToModel()

```
void cz.vutbr.fit.ta.ontology.Image.addToModel (
    TargetModel target )
```

12.28.3.2 getClassIRI()

```
IRI cz.vutbr.fit.ta.ontology.Image.getClassIRI ( )
```

12.28.3.3 getLinksResource()

```
WebResource cz.vutbr.fit.ta.ontology.Image.getLinksResource ( )
```

12.28.3.4 loadFromModel()

```
void cz.vutbr.fit.ta.ontology.Image.loadFromModel (
    Model model,
    EntityFactory efactory )
```

12.28.3.5 setLinksResource()

```
void cz.vutbr.fit.ta.ontology.Image.setLinksResource (
    WebResource linksResource )
```

12.28.4 Member Data Documentation

12.28.4.1 CLASS_IRI

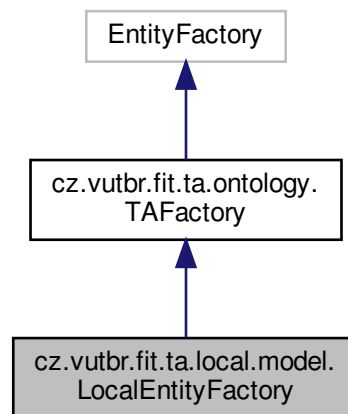
```
final IRI cz.vutbr.fit.ta.ontology.Image.CLASS_IRI = vf.createIRI("http://nesfit.github.io/ontology/ta.owl#Image") [static]
```

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

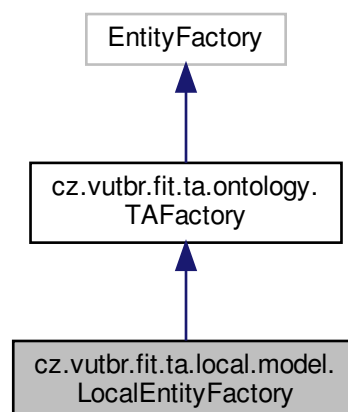
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/Image.java](#)

12.29 cz.vutbr.fit.ta.local.model.LocalEntityFactory Class Reference

Inheritance diagram for cz.vutbr.fit.ta.local.model.LocalEntityFactory:



Collaboration diagram for cz.vutbr.fit.ta.local.model.LocalEntityFactory:



Public Member Functions

- [GeoContent createGeoContent](#) (IRI iri)
- [Content createContent](#) (IRI iri)
- [TextContent createTextContent](#) (IRI iri)
- [TextContent createTextContent](#) (String id)
- [Image createImage](#) (IRI iri)
- [Entry createEntry](#) (IRI iri)
- [Entry createEntry](#) (HistoryItem item)
- [URLContent createURLContent](#) (IRI iri)
- [URLContent createURLContent](#) (String id)
- [Timeline createTimeline](#) (IRI iri)
- [Timeline createTimeline](#) (Profile profile)
- [SocialNetworkObject createSocialNetworkObject](#) (IRI iri)
- [LocalFile createLocalFile](#) (IRI iri)
- [LocalFile createLocalFile](#) (String taskId, String path)
- [CreationEvent createCreationEvent](#) (IRI iri)
- [Object createObject](#) (IRI iri)
- [Event createEvent](#) (IRI iri)
- [FileDownloadEvent createFileDownloadEvent](#) (IRI iri)
- [URLVisitEvent createURLVisitEvent](#) (IRI iri)
- [WebResource createWebResource](#) (IRI iri)
- [WebResource createWebResource](#) (String urlString)

Static Public Member Functions

- static [LocalEntityFactory getInstance](#) ()

Protected Member Functions

- [LocalEntityFactory](#) ()

12.29.1 Detailed Description

Author

burgetr

12.29.2 Constructor & Destructor Documentation

12.29.2.1 LocalEntityFactory()

```
cz.vutbr.fit.ta.local.model.LocalEntityFactory.LocalEntityFactory ( ) [protected]
```

12.29.3 Member Function Documentation

12.29.3.1 createContent()

`Content` `cz.vutbr.fit.ta.local.model.LocalEntityFactory.createContent (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.29.3.2 createCreationEvent()

`CreationEvent` `cz.vutbr.fit.ta.local.model.LocalEntityFactory.createCreationEvent (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.29.3.3 createEntry() [1/2]

`Entry` `cz.vutbr.fit.ta.local.model.LocalEntityFactory.createEntry (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.29.3.4 createEntry() [2/2]

`Entry` `cz.vutbr.fit.ta.local.model.LocalEntityFactory.createEntry (HistoryItem item)`

12.29.3.5 createEvent()

`Event` `cz.vutbr.fit.ta.local.model.LocalEntityFactory.createEvent (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.29.3.6 createFileDownloadEvent()

```
FileDownloadEvent cz.vutbr.fit.ta.local.model.LocalEntityFactory.createFileDownloadEvent (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.29.3.7 createGeoContent()

```
GeoContent cz.vutbr.fit.ta.local.model.LocalEntityFactory.createGeoContent (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.29.3.8 createImage()

```
Image cz.vutbr.fit.ta.local.model.LocalEntityFactory.createImage (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.29.3.9 createLocalFile() [1/2]

```
LocalFile cz.vutbr.fit.ta.local.model.LocalEntityFactory.createLocalFile (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.29.3.10 createLocalFile() [2/2]

```
LocalFile cz.vutbr.fit.ta.local.model.LocalEntityFactory.createLocalFile (
    String taskId,
    String path )
```

12.29.3.11 createObject()

```
Object cz.vutbr.fit.ta.local.model.LocalEntityFactory.createObject (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.29.3.12 createSocialNetworkObject()

`SocialNetworkObject` `cz.vutbr.fit.ta.local.model.LocalEntityFactory.createSocialNetworkObject (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.29.3.13 createTextContent() [1/2]

`TextContent` `cz.vutbr.fit.ta.local.model.LocalEntityFactory.createTextContent (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.29.3.14 createTextContent() [2/2]

`TextContent` `cz.vutbr.fit.ta.local.model.LocalEntityFactory.createTextContent (String id)`

12.29.3.15 createTimeline() [1/2]

`Timeline` `cz.vutbr.fit.ta.local.model.LocalEntityFactory.createTimeline (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.29.3.16 createTimeline() [2/2]

`Timeline` `cz.vutbr.fit.ta.local.model.LocalEntityFactory.createTimeline (Profile profile)`

12.29.3.17 createURLContent() [1/2]

`URLContent` `cz.vutbr.fit.ta.local.model.LocalEntityFactory.createURLContent (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.29.3.18 createURLContent() [2/2]

```
URLContent cz.vutbr.fit.ta.local.model.LocalEntityFactory.createURLContent (
    String id )
```

12.29.3.19 createURLVisitEvent()

```
URLVisitEvent cz.vutbr.fit.ta.local.model.LocalEntityFactory.createURLVisitEvent (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.29.3.20 createWebResource() [1/2]

```
WebResource cz.vutbr.fit.ta.local.model.LocalEntityFactory.createWebResource (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.29.3.21 createWebResource() [2/2]

```
WebResource cz.vutbr.fit.ta.local.model.LocalEntityFactory.createWebResource (
    String urlString )
```

12.29.3.22 getInstance()

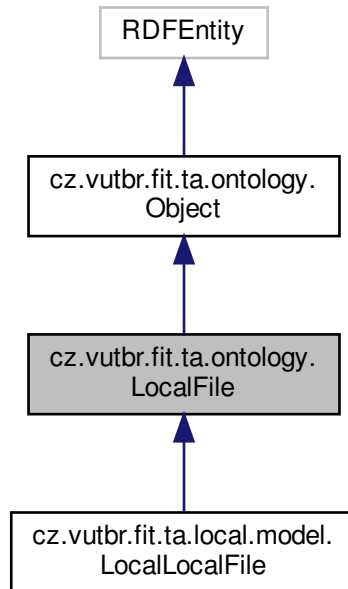
```
static LocalEntityFactory cz.vutbr.fit.ta.local.model.LocalEntityFactory.getInstance ( ) [static]
```

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

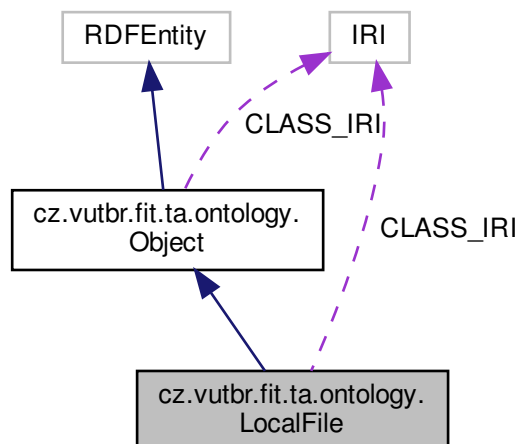
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/model/LocalEntityFactory.java](#)

12.30 cz.vutbr.fit.ta.ontology.LocalFile Class Reference

Inheritance diagram for cz.vutbr.fit.ta.ontology.LocalFile:



Collaboration diagram for cz.vutbr.fit.ta.ontology.LocalFile:



Public Member Functions

- [LocalFile](#) (IRI iri)
- IRI [getClassIRI](#) ()
- String [getFileName](#) ()
- void [setFileName](#) (String fileName)
- String [getPath](#) ()
- void [setPath](#) (String path)
- void [addToModel](#) (TargetModel target)
- void [loadFromModel](#) (Model model, EntityFactory efactory)

Static Public Attributes

- static final IRI [CLASS_IRI](#) = vf.createIRI("http://nesfit.github.io/ontology/ta.owl#LocalFile")

12.30.1 Detailed Description

A investigated file on a local filesystem.

IRI:

```
<http://nesfit.github.io/ontology/ta.owl#LocalFile>
```

12.30.2 Constructor & Destructor Documentation

12.30.2.1 LocalFile()

```
cz.vutbr.fit.ta.ontology.LocalFile.LocalFile (
    IRI iri )
```

12.30.3 Member Function Documentation

12.30.3.1 addToModel()

```
void cz.vutbr.fit.ta.ontology.LocalFile.addToModel (
    TargetModel target )
```

12.30.3.2 getClassIRI()

```
IRI cz.vutbr.fit.ta.ontology.LocalFile.getClassIRI ( )
```

12.30.3.3 getFileName()

```
String cz.vutbr.fit.ta.ontology.LocalFile.getFileName ( )
```

12.30.3.4 getPath()

```
String cz.vutbr.fit.ta.ontology.LocalFile.getPath ( )
```

12.30.3.5 loadFromModel()

```
void cz.vutbr.fit.ta.ontology.LocalFile.loadFromModel (
    Model model,
    EntityFactory efactory )
```

12.30.3.6 setFileName()

```
void cz.vutbr.fit.ta.ontology.LocalFile.setFileName (
    String fileName )
```

12.30.3.7 setPath()

```
void cz.vutbr.fit.ta.ontology.LocalFile.setPath (
    String path )
```

12.30.4 Member Data Documentation

12.30.4.1 CLASS_IRI

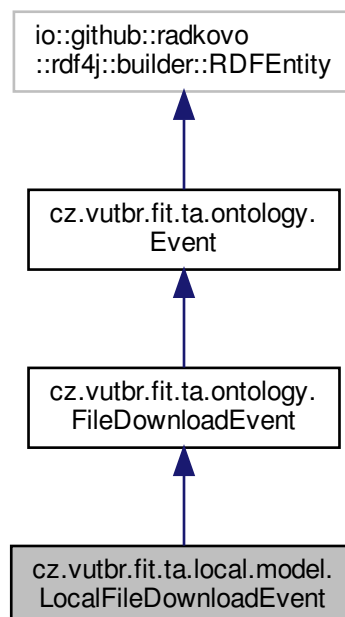
```
final IRI cz.vutbr.fit.ta.ontology.LocalFile.CLASS_IRI = vf.createIRI("http://nesfit.github.io/ontology/ta.owl#LocalFile") [static]
```

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

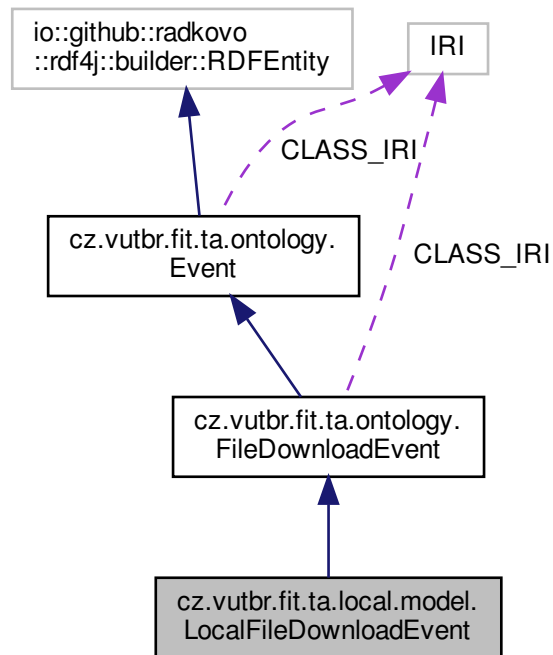
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/LocalFile.java](#)

12.31 cz.vutbr.fit.ta.local.model.LocalFileDownloadEvent Class Reference

Inheritance diagram for cz.vutbr.fit.ta.local.model.LocalFileDownloadEvent:



Collaboration diagram for cz.vutbr.fit.ta.local.model.LocalFileDownloadEvent:



Public Member Functions

- [LocalFileDownloadEvent](#) (IRI iri)
- [String getLabel](#) ()

Additional Inherited Members

12.31.1 Detailed Description

Author

burgetr

12.31.2 Constructor & Destructor Documentation

12.31.2.1 LocalFileDownloadEvent()

```

cz.vutbr.fit.ta.local.model.LocalFileDownloadEvent.LocalFileDownloadEvent (
    IRI iri )
  
```

12.31.3 Member Function Documentation

12.31.3.1 getLabel()

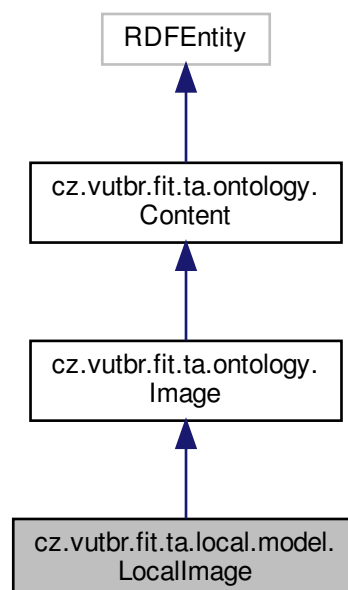
```
String cz.vutbr.fit.ta.local.model.LocalFileDownloadEvent.getLabel ( )
```

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

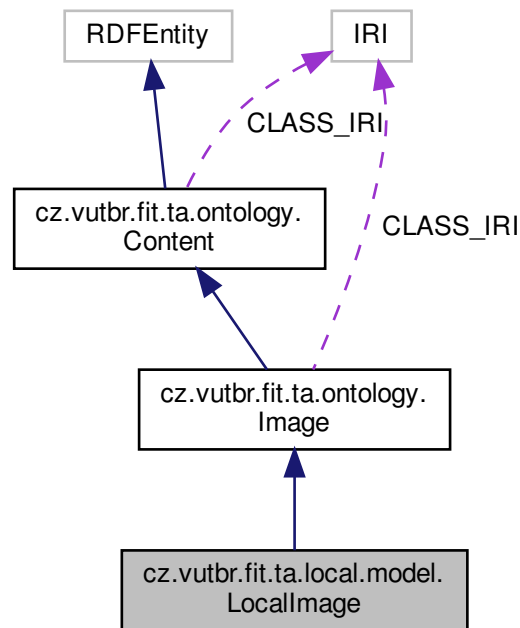
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/model/LocalFileDownloadEvent.java](#)

12.32 cz.vutbr.fit.ta.local.model.LocalImage Class Reference

Inheritance diagram for cz.vutbr.fit.ta.local.model.LocalImage:



Collaboration diagram for cz.vutbr.fit.ta.local.model.LocalImage:



Public Member Functions

- [LocalImage](#) (IRI iri)

Additional Inherited Members

12.32.1 Detailed Description

Author

burgetr

12.32.2 Constructor & Destructor Documentation

12.32.2.1 LocalImage()

```

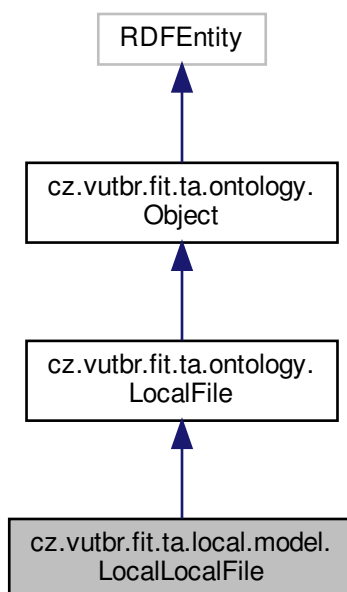
cz.vutbr.fit.ta.local.model.LocalImage.LocalImage (
    IRI iri )
  
```

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

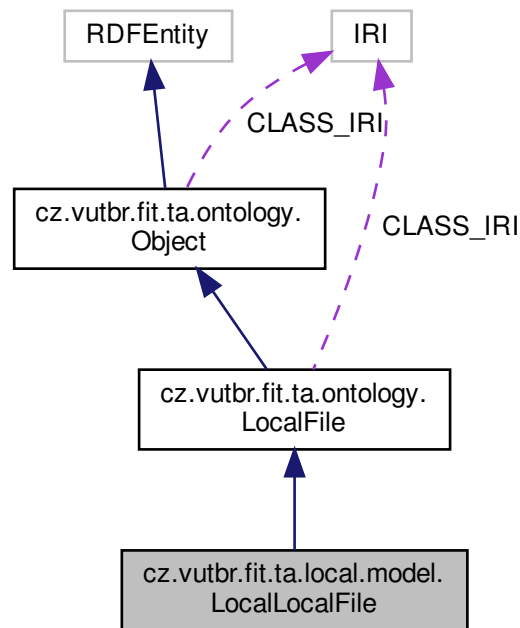
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/model/LocalImage.java](#)

12.33 cz.vutbr.fit.ta.local.model.LocalLocalFile Class Reference

Inheritance diagram for cz.vutbr.fit.ta.local.model.LocalLocalFile:



Collaboration diagram for cz.vutbr.fit.ta.local.model.LocalLocalFile:



Public Member Functions

- [LocalLocalFile](#) (IRI iri)

Additional Inherited Members

12.33.1 Detailed Description

Author

burgetr

12.33.2 Constructor & Destructor Documentation

12.33.2.1 LocalLocalFile()

```

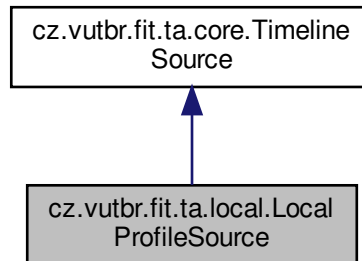
cz.vutbr.fit.ta.local.model.LocalLocalFile.LocalLocalFile (
    IRI iri )
  
```

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

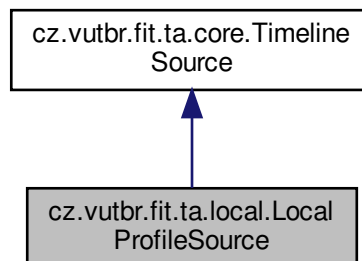
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/model/LocalLocalFile.java](#)

12.34 cz.vutbr.fit.ta.local.LocalProfileSource Class Reference

Inheritance diagram for cz.vutbr.fit.ta.local.LocalProfileSource:



Collaboration diagram for cz.vutbr.fit.ta.local.LocalProfileSource:



Public Member Functions

- [LocalProfileSource](#) ([Browser](#) browser, [Profile](#) profile, Date dateFrom, Date dateTo)
- [Profile](#) `getProfile ()`
- [Timeline](#) `getTimeline ()`

12.34.1 Detailed Description

Author

burgetr

12.34.2 Constructor & Destructor Documentation

12.34.2.1 LocalProfileSource()

```
cz.vutbr.fit.ta.local.LocalProfileSource.LocalProfileSource (
    Browser browser,
    Profile profile,
    Date dateFrom,
    Date dateTo )
```

12.34.3 Member Function Documentation

12.34.3.1 getProfile()

```
Profile cz.vutbr.fit.ta.local.LocalProfileSource.getProfile ( )
```

12.34.3.2 getTimeline()

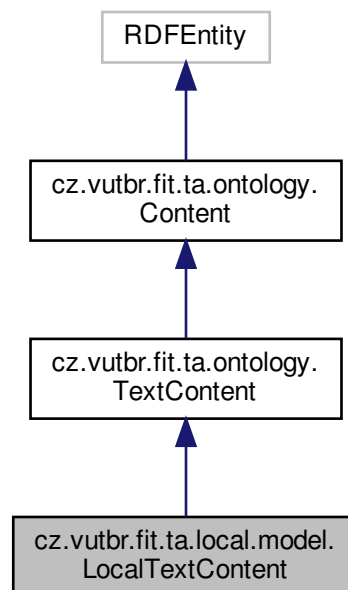
```
Timeline cz.vutbr.fit.ta.local.LocalProfileSource.getTimeline ( )
```

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

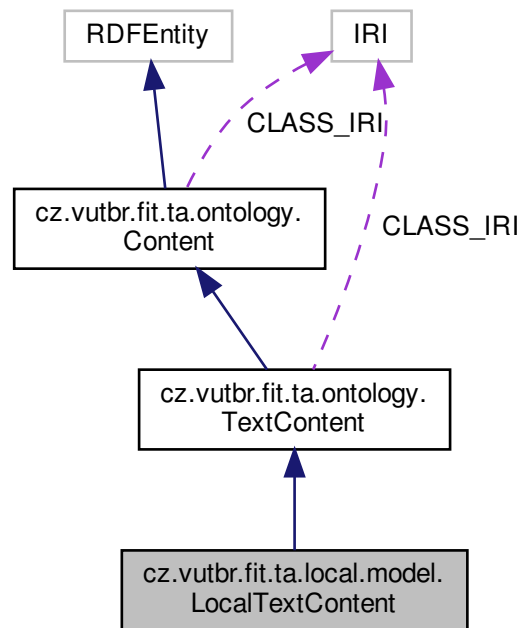
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/LocalProfileSource.java](#)

12.35 cz.vutbr.fit.ta.local.model.LocalTextContent Class Reference

Inheritance diagram for cz.vutbr.fit.ta.local.model.LocalTextContent:



Collaboration diagram for cz.vutbr.fit.ta.local.model.LocalTextContent:



Public Member Functions

- [LocalTextContent](#) (IRI iri)

Additional Inherited Members

12.35.1 Detailed Description

Author

burgetr

12.35.2 Constructor & Destructor Documentation

12.35.2.1 LocalTextContent()

```

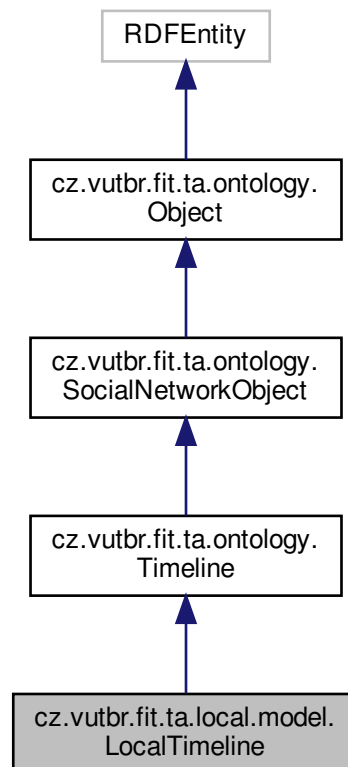
cz.vutbr.fit.ta.local.model.LocalTextContent.LocalTextContent (
    IRI iri )
  
```

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

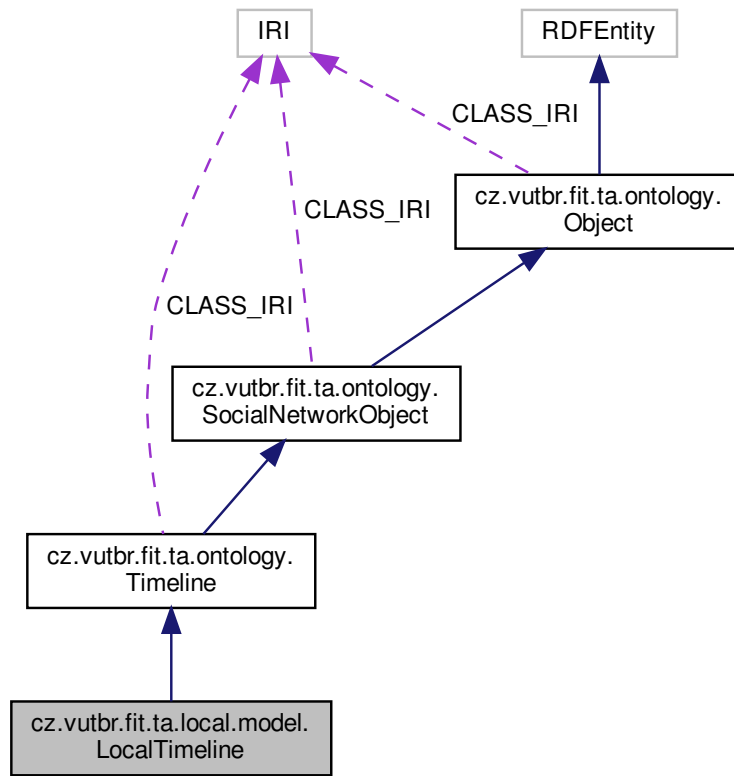
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/model/LocalTextContent.java](#)

12.36 cz.vutbr.fit.ta.local.model.LocalTimeline Class Reference

Inheritance diagram for cz.vutbr.fit.ta.local.model.LocalTimeline:



Collaboration diagram for cz.vutbr.fit.ta.local.model.LocalTimeline:



Public Member Functions

- [LocalTimeline](#) (IRI iri)
- String [getLabel](#) ()

Additional Inherited Members

12.36.1 Detailed Description

Author

burgetr

12.36.2 Constructor & Destructor Documentation

12.36.2.1 LocalTimeline()

```
cz.vutbr.fit.ta.local.model.LocalTimeline.LocalTimeline (
    IRI iri )
```

12.36.3 Member Function Documentation

12.36.3.1 getLabel()

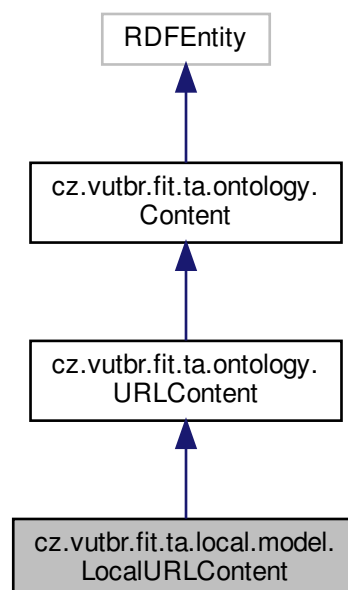
```
String cz.vutbr.fit.ta.local.model.LocalTimeline.getLabel ( )
```

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

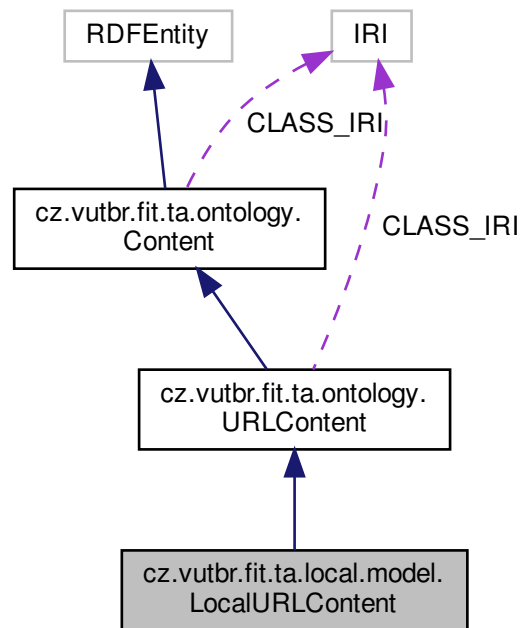
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/model/LocalTimeline.java](#)

12.37 cz.vutbr.fit.ta.local.model.LocalURLContent Class Reference

Inheritance diagram for cz.vutbr.fit.ta.local.model.LocalURLContent:



Collaboration diagram for cz.vutbr.fit.ta.local.model.LocalURLContent:



Public Member Functions

- [LocalURLContent](#) (IRI iri)

Additional Inherited Members

12.37.1 Detailed Description

Author

burgetr

12.37.2 Constructor & Destructor Documentation

12.37.2.1 LocalURLContent()

```

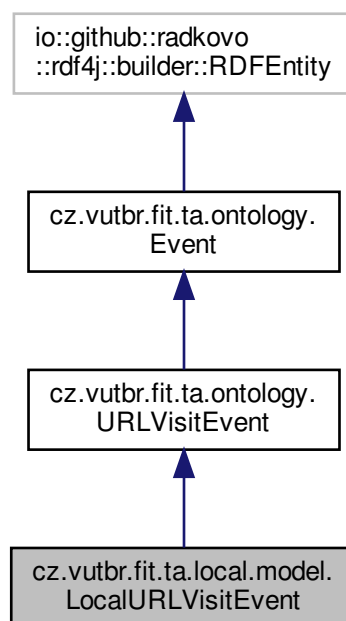
cz.vutbr.fit.ta.local.model.LocalURLContent.LocalURLContent (
    IRI iri )
  
```

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

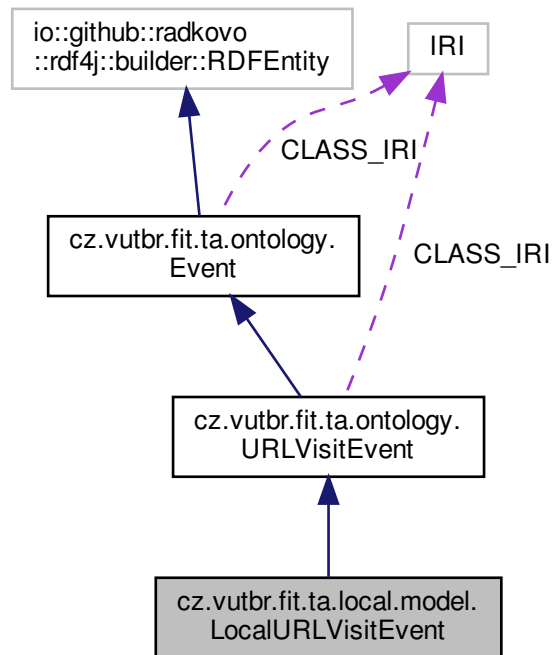
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/model/LocalURLContent.java](#)

12.38 cz.vutbr.fit.ta.local.model.LocalURLVisitEvent Class Reference

Inheritance diagram for cz.vutbr.fit.ta.local.model.LocalURLVisitEvent:



Collaboration diagram for cz.vutbr.fit.ta.local.model.LocalURLVisitEvent:



Public Member Functions

- [LocalURLVisitEvent](#) (IRI iri)
- [String](#) `getLabel` ()

Additional Inherited Members

12.38.1 Detailed Description

Author

burgetr

12.38.2 Constructor & Destructor Documentation

12.38.2.1 LocalURLVisitEvent()

```

cz.vutbr.fit.ta.local.model.LocalURLVisitEvent.LocalURLVisitEvent (
    IRI iri )
  
```

12.38.3 Member Function Documentation

12.38.3.1 getLabel()

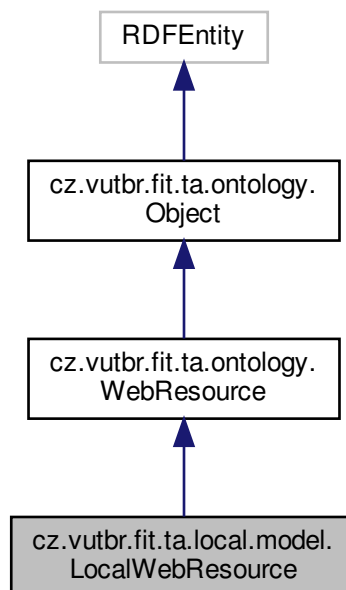
```
String cz.vutbr.fit.ta.local.model.LocalURLVisitEvent.getLabel ( )
```

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

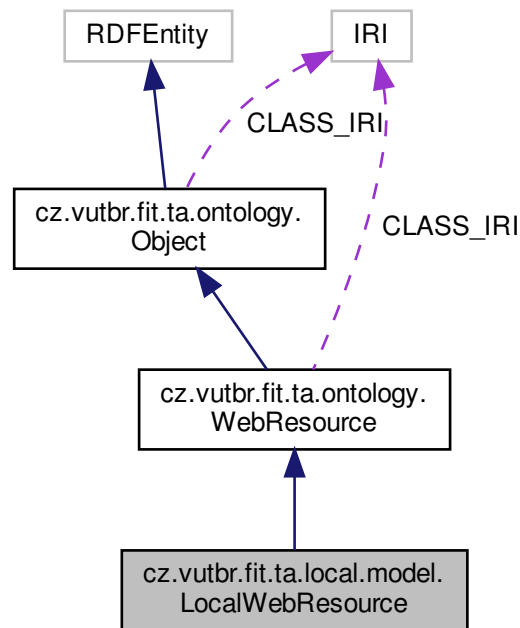
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/model/LocalURLVisitEvent.java](#)

12.39 cz.vutbr.fit.ta.local.model.LocalWebResource Class Reference

Inheritance diagram for cz.vutbr.fit.ta.local.model.LocalWebResource:



Collaboration diagram for cz.vutbr.fit.ta.local.model.LocalWebResource:



Public Member Functions

- [LocalWebResource](#) (IRI iri)

Additional Inherited Members

12.39.1 Detailed Description

Author

burgetr

12.39.2 Constructor & Destructor Documentation

12.39.2.1 LocalWebResource()

```

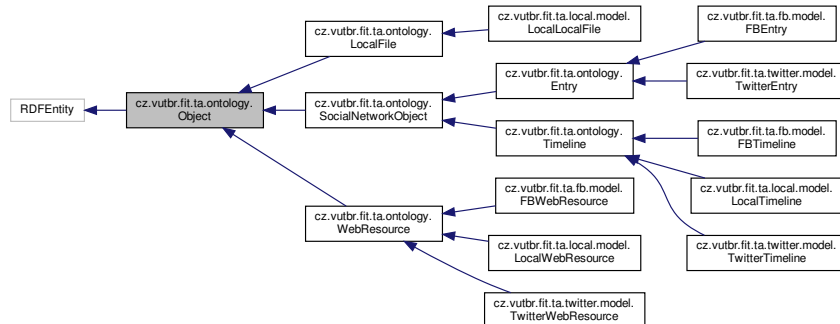
cz.vutbr.fit.ta.local.model.LocalWebResource.LocalWebResource (
    IRI iri )
  
```

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

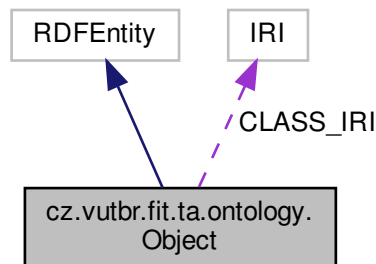
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/model/LocalWebResource.java](#)

12.40 cz.vutbr.fit.ta.ontology.Object Class Reference

Inheritance diagram for cz.vutbr.fit.ta.ontology.Object:



Collaboration diagram for cz.vutbr.fit.ta.ontology.Object:



Public Member Functions

- [Object](#) (IRI iri)
- [IRI getClassIRI](#) ()
- [Set< Event > getEvents](#) ()
- [void addEvent](#) (Event event)
- [void addToModel](#) (TargetModel target)
- [void loadFromModel](#) (Model model, EntityFactory efactory)

Static Public Attributes

- `static final IRI CLASS_IRI = vf.createIRI("http://nesfit.github.io/ontology/ta.owl#Object")`

12.40.1 Detailed Description

A generic investigated object.

IRI:

```
<http://nesfit.github.io/ontology/ta.owl#Object>
```

12.40.2 Constructor & Destructor Documentation

12.40.2.1 Object()

```
cz.vutbr.fit.ta.ontology.Object.Object (
    IRI iri )
```

12.40.3 Member Function Documentation

12.40.3.1 addEvent()

```
void cz.vutbr.fit.ta.ontology.Object.addEvent (
    Event event )
```

12.40.3.2 addToModel()

```
void cz.vutbr.fit.ta.ontology.Object.addToModel (
    TargetModel target )
```

12.40.3.3 getClassIRI()

```
IRI cz.vutbr.fit.ta.ontology.Object.getClassIRI ( )
```

12.40.3.4 getEvents()

```
Set<Event> cz.vutbr.fit.ta.ontology.Object.getEvents ( )
```

12.40.3.5 loadFromModel()

```
void cz.vutbr.fit.ta.ontology.Object.loadFromModel (
    Model model,
    EntityFactory efactory )
```

12.40.4 Member Data Documentation

12.40.4.1 CLASS_IRI

```
final IRI cz.vutbr.fit.ta.ontology.Object.CLASS_IRI = vf.createIRI ("http://nesfit.github.io/ontology/ta.owl#Object") [static]
```

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

- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/Object.java](#)

12.41 cz.vutbr.fit.ta.local.OS Class Reference

Public Member Functions

- [OS \(\)](#)
- String [toString \(\)](#)
- String [getName \(\)](#)
- String [getVersion \(\)](#)
- String [getArch \(\)](#)
- boolean [isLinux \(\)](#)
- boolean [isWindows \(\)](#)
- char [pathSeparator \(\)](#)
- String [extractFilenameFromPath \(String path\)](#)

12.41.1 Detailed Description

An abstraction over the [OS](#) properties.

Author

burgetr

12.41.2 Constructor & Destructor Documentation

12.41.2.1 OS()

```
cz.vutbr.fit.ta.local.OS.OS ( )
```

12.41.3 Member Function Documentation

12.41.3.1 extractFilenameFromPath()

```
String cz.vutbr.fit.ta.local.OS.extractFilenameFromPath (
    String path )
```

12.41.3.2 getArch()

```
String cz.vutbr.fit.ta.local.OS.getArch ( )
```

12.41.3.3 getName()

```
String cz.vutbr.fit.ta.local.OS.getName ( )
```

12.41.3.4 getVersion()

```
String cz.vutbr.fit.ta.local.OS.getVersion ( )
```

12.41.3.5 isLinux()

```
boolean cz.vutbr.fit.ta.local.OS.isLinux ( )
```

12.41.3.6 isWindows()

```
boolean cz.vutbr.fit.ta.local.OS.isWindows ( )
```

12.41.3.7 pathSeparator()

```
char cz.vutbr.fit.ta.local.OS.pathSeparator ( )
```

12.41.3.8 toString()

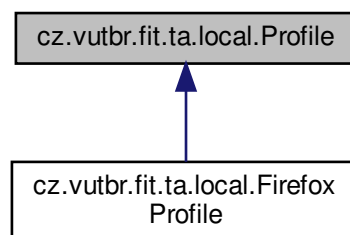
```
String cz.vutbr.fit.ta.local.OS.toString ( )
```

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

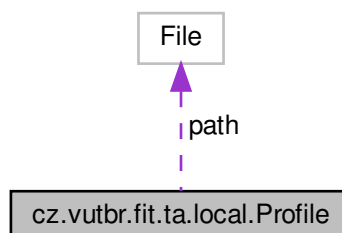
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/OS.java](#)

12.42 cz.vutbr.fit.ta.local.Profile Class Reference

Inheritance diagram for cz.vutbr.fit.ta.local.Profile:



Collaboration diagram for cz.vutbr.fit.ta.local.Profile:



Public Member Functions

- [Profile](#) (String *name*, File *path*)
- String [toString](#) ()
- String [getName](#) ()
- void [setName](#) (String *name*)
- File [getPath](#) ()
- void [setPath](#) (File *path*)
- abstract List< [Cookie](#) > [getCookies](#) ()
- abstract List< [HistoryItem](#) > [getVisited](#) (Date *fromDate*, Date *toDate*)
- abstract List< [HistoryItem](#) > [getDownloaded](#) (Date *fromDate*, Date *toDate*)

Public Attributes

- String [name](#)
- File [path](#)

12.42.1 Detailed Description

Author

burgetr

12.42.2 Constructor & Destructor Documentation

12.42.2.1 Profile()

```
cz.vutbr.fit.ta.local.Profile.Profile (  
    String name,  
    File path )
```

12.42.3 Member Function Documentation

12.42.3.1 getCookies()

```
abstract List<Cookie> cz.vutbr.fit.ta.local.Profile.getCookies ( ) [abstract]
```

12.42.3.2 getDownloaded()

```
abstract List<HistoryItem> cz.vutbr.fit.ta.local.Profile.getDownloaded (
    Date fromDate,
    Date toDate ) [abstract]
```

12.42.3.3 getName()

```
String cz.vutbr.fit.ta.local.Profile.getName ( )
```

12.42.3.4 getPath()

```
File cz.vutbr.fit.ta.local.Profile.getPath ( )
```

12.42.3.5 getVisited()

```
abstract List<HistoryItem> cz.vutbr.fit.ta.local.Profile.getVisited (
    Date fromDate,
    Date toDate ) [abstract]
```

12.42.3.6 setName()

```
void cz.vutbr.fit.ta.local.Profile.setName (
    String name )
```

12.42.3.7 setPath()

```
void cz.vutbr.fit.ta.local.Profile.setPath (
    File path )
```

12.42.3.8 toString()

```
String cz.vutbr.fit.ta.local.Profile.toString ( )
```

12.42.4 Member Data Documentation

12.42.4.1 name

String `cz.vutbr.fit.ta.local.Profile.name`

12.42.4.2 path

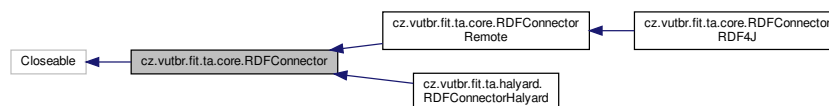
File `cz.vutbr.fit.ta.local.Profile.path`

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

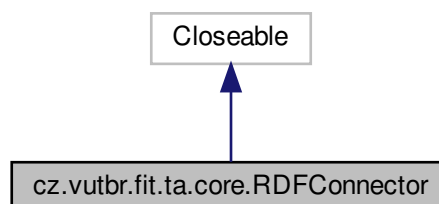
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/Profile.java](#) ↩

12.43 cz.vutbr.fit.ta.core.RDFConnector Interface Reference

Inheritance diagram for `cz.vutbr.fit.ta.core.RDFConnector`:



Collaboration diagram for `cz.vutbr.fit.ta.core.RDFConnector`:



Public Member Functions

- void [add](#) (Resource *s*, IRI *p*, Value *o*) throws IOException
- void [add](#) (Resource *s*, IRI *p*, Value *o*, Resource context) throws IOException
- void [add](#) (Model *m*) throws IOException
- void [add](#) (Model *m*, Resource context) throws IOException

12.43.1 Detailed Description

The basic interface of each RDF connector

Author

burgetr

12.43.2 Member Function Documentation

12.43.2.1 [add\(\)](#) [1/4]

```
void cz.vutbr.fit.ta.core.RDFConnector.add (
    Resource s,
    IRI p,
    Value o ) throws IOException
```

Adds single tripple to the repository.

Parameters

<i>s</i>	
<i>p</i>	
<i>o</i>	

Implemented in [cz.vutbr.fit.ta.core.RDFConnectorRemote](#), and [cz.vutbr.fit.ta.halyard.RDFConnectorHalyard](#).

12.43.2.2 [add\(\)](#) [2/4]

```
void cz.vutbr.fit.ta.core.RDFConnector.add (
    Resource s,
    IRI p,
    Value o,
    Resource context ) throws IOException
```

Adds single tripple to the repository.

Parameters

<i>s</i>	
<i>p</i>	
<i>o</i>	
<i>context</i>	

Implemented in [cz.vutbr.fit.ta.core.RDFConnectorRemote](#), and [cz.vutbr.fit.ta.halyard.RDFConnectorHalyard](#).

12.43.2.3 add() [3/4]

```
void cz.vutbr.fit.ta.core.RDFConnector.add (
    Model m ) throws IOException
```

Adds the whole model to the repository.

Parameters

<i>m</i>	
----------	--

Implemented in [cz.vutbr.fit.ta.core.RDFConnectorRemote](#), and [cz.vutbr.fit.ta.halyard.RDFConnectorHalyard](#).

12.43.2.4 add() [4/4]

```
void cz.vutbr.fit.ta.core.RDFConnector.add (
    Model m,
    Resource context ) throws IOException
```

Adds the whole model to the repository.

Parameters

<i>m</i>	
<i>context</i>	

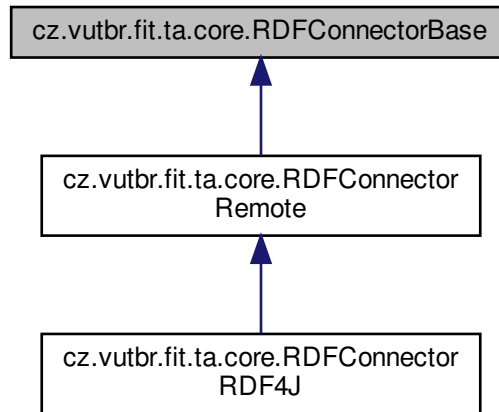
Implemented in [cz.vutbr.fit.ta.halyard.RDFConnectorHalyard](#), and [cz.vutbr.fit.ta.core.RDFConnectorRemote](#).

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

- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/core/RDFConnector.java](#)

12.44 cz.vutbr.fit.ta.core.RDFConnectorBase Class Reference

Inheritance diagram for cz.vutbr.fit.ta.core.RDFConnectorBase:



Public Member Functions

- [RDFConnectorBase](#) ()
- `Map< String, String >` [getPrefixes](#) ()
- `String` [getPrefixString](#) ()

12.44.1 Detailed Description

Common parts of the RDF connector implementations.

Author

burgetr

12.44.2 Constructor & Destructor Documentation

12.44.2.1 RDFConnectorBase()

```
cz.vutbr.fit.ta.core.RDFConnectorBase.RDFConnectorBase ( )
```


12.44.3 Member Function Documentation

12.44.3.1 getPrefixes()

```
Map<String, String> cz.vutbr.fit.ta.core.RDFConnectorBase.getPrefixes ( )
```

12.44.3.2 getPrefixString()

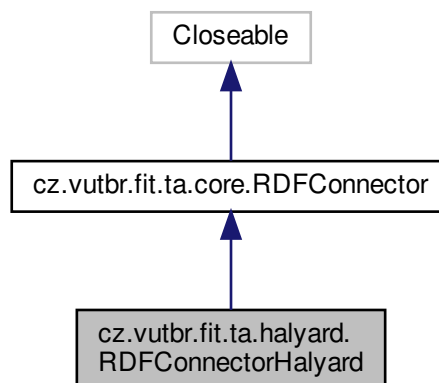
```
String cz.vutbr.fit.ta.core.RDFConnectorBase.getPrefixString ( )
```

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

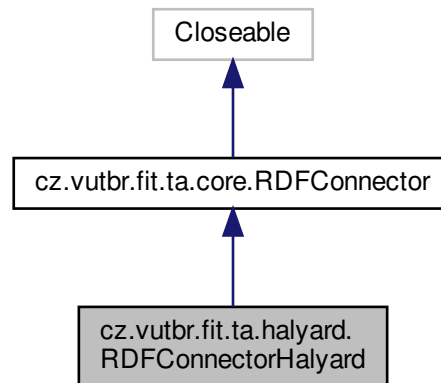
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/core/RDFConnectorBase.java](#)

12.45 cz.vutbr.fit.ta.halyard.RDFConnectorHalyard Class Reference

Inheritance diagram for cz.vutbr.fit.ta.halyard.RDFConnectorHalyard:



Collaboration diagram for `cz.vutbr.fit.ta.halyard.RDFConnectorHalyard`:



Public Member Functions

- [RDFConnectorHalyard](#) (String tableName) throws IOException
- [RDFConnectorHalyard](#) (String hbaseZookeeperQuorum, int hbaseZookeeperClientPort, String tableName) throws IOException
- [RDFConnectorHalyard](#) (String configPath, String tableName) throws IOException
- String [getTableNames](#) ()
- void [add](#) (Resource s, IRI p, Value o) throws IOException
- void [add](#) (Resource s, IRI p, Value o, Resource context) throws IOException
- void [add](#) (Model m) throws IOException
- void [add](#) (Model m, Resource context) throws IOException
- void [close](#) () throws IOException

12.45.1 Detailed Description

A RDF connector for the Halyard storage.

Author

burgetr

12.45.2 Constructor & Destructor Documentation

12.45.2.1 [RDFConnectorHalyard\(\)](#) [1/3]

```

cz.vutbr.fit.ta.halyard.RDFConnectorHalyard.RDFConnectorHalyard (
    String tableName ) throws IOException
  
```

Connects HBase with the default connection parametres.

Parameters

<i>tableName</i>	the name of table to use for storing the data
------------------	---

Exceptions

<i>IOException</i>	
--------------------	--

12.45.2.2 RDFConnectorHalyard() [2/3]

```
cz.vutbr.fit.ta.halyard.RDFConnectorHalyard.RDFConnectorHalyard (
    String hbaseZookeeperQuorum,
    int hbaseZookeeperClientPort,
    String tableName ) throws IOException
```

Connects HBase with the specified zookeeper parametres

Parameters

<i>hbaseZookeeperQuorum</i>	the zookeeper quorum (e.g. "server1,server2")
<i>hbaseZookeeperClientPort</i>	the zookeeper port, e.g. 2181
<i>tableName</i>	the name of table to use for storing the data

Exceptions

<i>IOException</i>	
--------------------	--

12.45.2.3 RDFConnectorHalyard() [3/3]

```
cz.vutbr.fit.ta.halyard.RDFConnectorHalyard.RDFConnectorHalyard (
    String configPath,
    String tableName ) throws IOException
```

Connects HBase using the hbase-site.xml config gile

Parameters

<i>configPath</i>	path to hbase-site.xml
<i>tableName</i>	the name of table to use for storing the data

Exceptions

<i>IOException</i>	
--------------------	--

12.45.3 Member Function Documentation

12.45.3.1 `add()` [1/4]

```
void cz.vutbr.fit.ta.halyard.RDFConnectorHalyard.add (
    Resource s,
    IRI p,
    Value o ) throws IOException
```

Adds single tripple to the repository.

Parameters

<i>s</i>	
<i>p</i>	
<i>o</i>	

Implements [cz.vutbr.fit.ta.core.RDFConnector](#).

12.45.3.2 `add()` [2/4]

```
void cz.vutbr.fit.ta.halyard.RDFConnectorHalyard.add (
    Resource s,
    IRI p,
    Value o,
    Resource context ) throws IOException
```

Adds single tripple to the repository.

Parameters

<i>s</i>	
<i>p</i>	
<i>o</i>	
<i>context</i>	

Implements [cz.vutbr.fit.ta.core.RDFConnector](#).

12.45.3.3 `add()` [3/4]

```
void cz.vutbr.fit.ta.halyard.RDFConnectorHalyard.add (
    Model m ) throws IOException
```

Adds the whole model to the repository.

Parameters

<i>m</i>	
----------	--

Implements [cz.vutbr.fit.ta.core.RDFConnector](#).

12.45.3.4 add() [4/4]

```
void cz.vutbr.fit.ta.halyard.RDFConnectorHalyard.add (
    Model m,
    Resource context ) throws IOException
```

Adds the whole model to the repository.

Parameters

<i>m</i>	
<i>context</i>	

Implements [cz.vutbr.fit.ta.core.RDFConnector](#).

12.45.3.5 close()

```
void cz.vutbr.fit.ta.halyard.RDFConnectorHalyard.close ( ) throws IOException
```

12.45.3.6 getTableName()

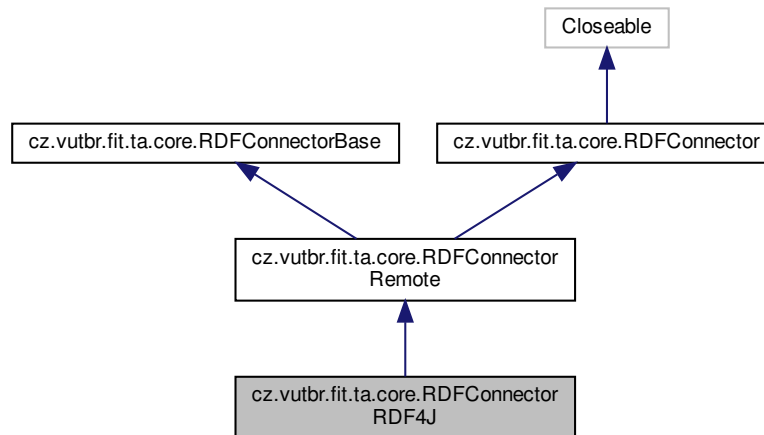
```
String cz.vutbr.fit.ta.halyard.RDFConnectorHalyard.getTableName ( )
```

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

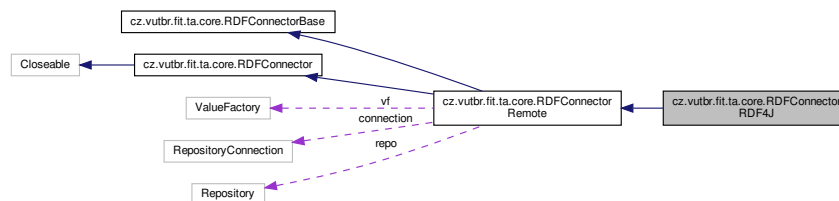
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-storage-halyard/src/main/java/cz/vutbr/fit/ta/halyard/RDFConnectorHalyard.java](#)

12.46 cz.vutbr.fit.ta.core.RDFConnectorRDF4J Class Reference

Inheritance diagram for cz.vutbr.fit.ta.core.RDFConnectorRDF4J:



Collaboration diagram for cz.vutbr.fit.ta.core.RDFConnectorRDF4J:



Public Member Functions

- [RDFConnectorRDF4J](#) (String endpoint) throws `RepositoryException`

Protected Member Functions

- void [initRepository](#) () throws `RepositoryException`

Additional Inherited Members

12.46.1 Detailed Description

A RDF connector optimized for the Sesame remote server.

Author

burgetr

12.46.2 Constructor & Destructor Documentation

12.46.2.1 RDFConnectorRDF4J()

```
cz.vutbr.fit.ta.core.RDFConnectorRDF4J.RDFConnectorRDF4J (
    String endpoint ) throws RepositoryException
```

12.46.3 Member Function Documentation

12.46.3.1 initRepository()

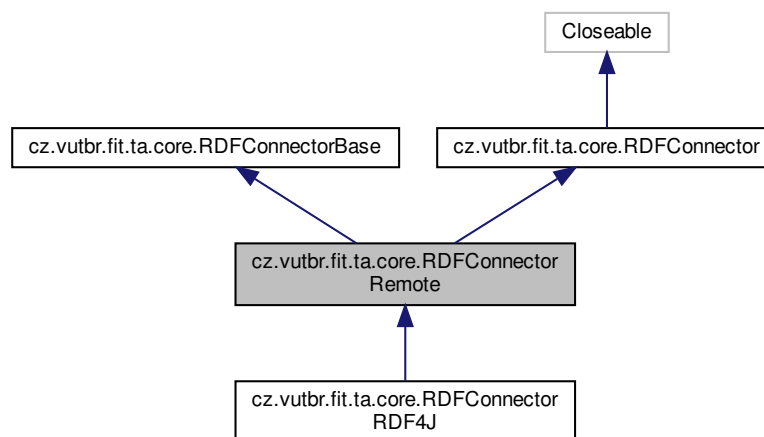
```
void cz.vutbr.fit.ta.core.RDFConnectorRDF4J.initRepository ( ) throws RepositoryException
[protected]
```

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

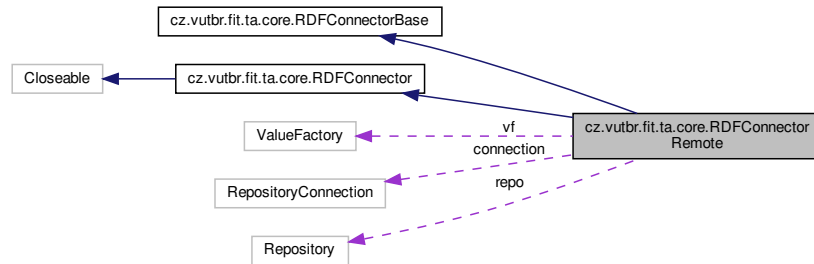
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/core/RDFConnectorRDF4J.java](#)

12.47 cz.vutbr.fit.ta.core.RDFConnectorRemote Class Reference

Inheritance diagram for cz.vutbr.fit.ta.core.RDFConnectorRemote:



Collaboration diagram for `cz.vutbr.fit.ta.core.RDFConnectorRemote`:



Public Member Functions

- [RDFConnectorRemote](#) (String endpoint) throws `RepositoryException`
- `RepositoryConnection` [getConnection](#) () throws `RepositoryException`
- void [close](#) () throws `RepositoryException`
- void [add](#) (Resource s, IRI p, Value o) throws `IOException`
- void [add](#) (Resource s, IRI p, Value o, Resource context) throws `IOException`
- void [add](#) (Model m) throws `IOException`
- void [add](#) (Model m, Resource context) throws `IOException`
- void [add](#) (GraphQueryResult m, Resource context)
- void [remove](#) (GraphQueryResult statements)
- void [remove](#) (Model statements)
- `TupleQueryResult` [executeQuery](#) (String queryString) throws `RepositoryException`, `MalformedQueryException`, `QueryEvaluationException`
- `GraphQueryResult` [executeConstructQuery](#) (String queryString) throws `RepositoryException`, `MalformedQueryException`, `QueryEvaluationException`

Protected Member Functions

- void [initRepository](#) () throws `RepositoryException`

Protected Attributes

- String [endpointUrl](#)
- `RepositoryConnection` [connection](#)
- `Repository` [repo](#)
- `ValueFactory` [vf](#)

12.47.1 Detailed Description

A base implementation of a connector for a remote RDF repository with the RDF4J API (RDF4J, Blazegraph, ...)

Author

burgetr

12.47.2 Constructor & Destructor Documentation

12.47.2.1 RDFConnectorRemote()

```
cz.vutbr.fit.ta.core.RDFConnectorRemote.RDFConnectorRemote (
    String endpoint ) throws RepositoryException
```

Establishes a connection to the SPARQL endpoint.

Parameters

<i>endpoint</i>	the SPARQL endpoint URL
-----------------	-------------------------

Exceptions

<i>RepositoryException</i>	
----------------------------	--

12.47.3 Member Function Documentation

12.47.3.1 add() [1/5]

```
void cz.vutbr.fit.ta.core.RDFConnectorRemote.add (
    Resource s,
    IRI p,
    Value o ) throws IOException
```

Adds single tripple to the repository.

Parameters

<i>s</i>	
<i>p</i>	
<i>o</i>	

Implements [cz.vutbr.fit.ta.core.RDFConnector](#).

12.47.3.2 add() [2/5]

```
void cz.vutbr.fit.ta.core.RDFConnectorRemote.add (
    Resource s,
```

IRI *p*,
 Value *o*,
 Resource *context*) throws IOException

Adds single tripple to the repository.

Parameters

<i>s</i>	
<i>p</i>	
<i>o</i>	
<i>context</i>	

Implements [cz.vutbr.fit.ta.core.RDFConnector](#).

12.47.3.3 add() [3/5]

```
void cz.vutbr.fit.ta.core.RDFConnectorRemote.add (
    Model m ) throws IOException
```

Adds the whole model to the repository.

Parameters

<i>m</i>	
----------	--

Implements [cz.vutbr.fit.ta.core.RDFConnector](#).

12.47.3.4 add() [4/5]

```
void cz.vutbr.fit.ta.core.RDFConnectorRemote.add (
    Model m,
    Resource context ) throws IOException
```

Adds the whole model to the repository.

Parameters

<i>m</i>	
<i>context</i>	

Implements [cz.vutbr.fit.ta.core.RDFConnector](#).

12.47.3.5 add() [5/5]

```
void cz.vutbr.fit.ta.core.RDFConnectorRemote.add (
    GraphQueryResult m,
    Resource context )
```

12.47.3.6 close()

```
void cz.vutbr.fit.ta.core.RDFConnectorRemote.close ( ) throws RepositoryException
```

Closes the current connection.

Exceptions

<i>RepositoryException</i>	
----------------------------	--

12.47.3.7 executeConstructQuery()

```
GraphQueryResult cz.vutbr.fit.ta.core.RDFConnectorRemote.executeConstructQuery (
    String queryString ) throws RepositoryException, MalformedQueryException, Query←
EvaluationException
```

Executes a SPARQL CONSTRUCT query and returns the graph result.

Parameters

<i>queryString</i>	
--------------------	--

Returns

Exceptions

<i>RepositoryException</i>	
<i>MalformedQueryException</i>	
<i>QueryEvaluationException</i>	

12.47.3.8 executeQuery()

```
TupleQueryResult cz.vutbr.fit.ta.core.RDFConnectorRemote.executeQuery (
```

`String queryString)` throws `RepositoryException`, `MalformedQueryException`, `QueryEvaluationException`

Executes a SPARQL SELECT query and returns the result.

Parameters

<code>queryString</code>	
--------------------------	--

Returns

Exceptions

<code>RepositoryException</code>	
<code>MalformedQueryException</code>	
<code>QueryEvaluationException</code>	

12.47.3.9 getConnection()

`RepositoryConnection cz.vutbr.fit.ta.core.RDFConnectorRemote.getConnection ()` throws `RepositoryException`

Obtains current connection to the repository or opens a new one when no connection has been opened.

Returns

the connection object

Exceptions

<code>RepositoryException</code>	
----------------------------------	--

12.47.3.10 initRepository()

`void cz.vutbr.fit.ta.core.RDFConnectorRemote.initRepository ()` throws `RepositoryException`
[protected]

Creates a new connection.

Exceptions

<code>RepositoryException</code>	
<code>RepositoryConfigException</code>	

12.47.3.11 remove() [1/2]

```
void cz.vutbr.fit.ta.core.RDFConnectorRemote.remove (
    GraphQueryResult statements )
```

12.47.3.12 remove() [2/2]

```
void cz.vutbr.fit.ta.core.RDFConnectorRemote.remove (
    Model statements )
```

12.47.4 Member Data Documentation

12.47.4.1 connection

RepositoryConnection cz.vutbr.fit.ta.core.RDFConnectorRemote.connection [protected]

12.47.4.2 endpointUrl

String cz.vutbr.fit.ta.core.RDFConnectorRemote.endpointUrl [protected]

12.47.4.3 repo

Repository cz.vutbr.fit.ta.core.RDFConnectorRemote.repo [protected]

12.47.4.4 vf

ValueFactory cz.vutbr.fit.ta.core.RDFConnectorRemote.vf [protected]

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

- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/core/RDFConnectorRemote.java](#)

12.48 cz.vutbr.fit.ta.core.ResourceFactory Class Reference

Static Public Member Functions

- static IRI [createResourceIRI](#) (String module, String type, String id)
- static IRI [createUrlIRI](#) (String urlString)
- static IRI [createFileIRI](#) (String taskId, String fullPath)

12.48.1 Detailed Description

Author

burgetr

12.48.2 Member Function Documentation

12.48.2.1 createFileIRI()

```
static IRI cz.vutbr.fit.ta.core.ResourceFactory.createFileIRI (  
    String taskId,  
    String fullPath ) [static]
```

12.48.2.2 createResourceIRI()

```
static IRI cz.vutbr.fit.ta.core.ResourceFactory.createResourceIRI (  
    String module,  
    String type,  
    String id ) [static]
```

12.48.2.3 createUrlIRI()

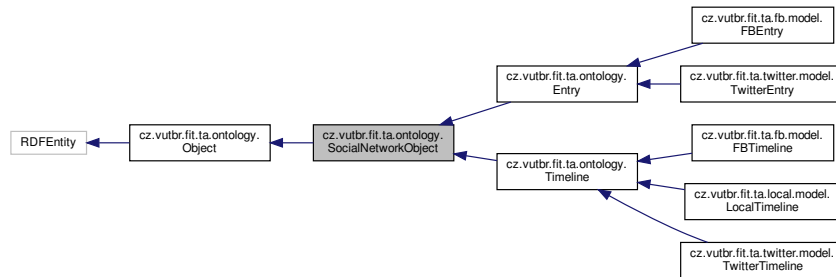
```
static IRI cz.vutbr.fit.ta.core.ResourceFactory.createUrlIRI (  
    String urlString ) [static]
```

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

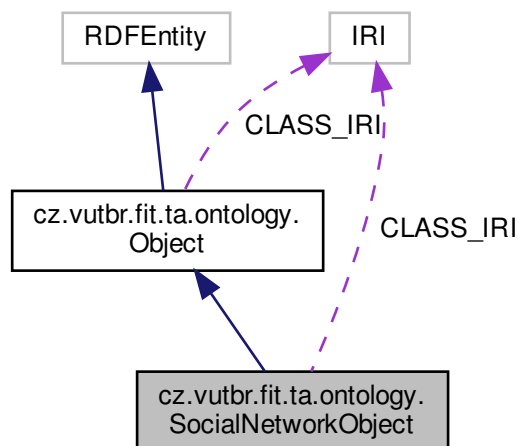
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/core/ResourceFactory.java](#)

12.49 cz.vutbr.fit.ta.ontology.SocialNetworkObject Class Reference

Inheritance diagram for cz.vutbr.fit.ta.ontology.SocialNetworkObject:



Collaboration diagram for cz.vutbr.fit.ta.ontology.SocialNetworkObject:



Public Member Functions

- [SocialNetworkObject](#) (IRI iri)
- IRI [getClassIRI](#) ()
- void [addToModel](#) (TargetModel target)
- void [loadFromModel](#) (Model model, EntityFactory efactory)

Static Public Attributes

- static final IRI [CLASS_IRI](#) = vf.createIRI("http://nesfit.github.io/ontology/ta.owl#[SocialNetworkObject](#)")

12.49.1 Detailed Description

IRI:

```
<http://nesfit.github.io/ontology/ta.owl#SocialNetworkObject>
```

12.49.2 Constructor & Destructor Documentation

12.49.2.1 SocialNetworkObject()

```
cz.vutbr.fit.ta.ontology.SocialNetworkObject.SocialNetworkObject (
    IRI iri )
```

12.49.3 Member Function Documentation

12.49.3.1 addToModel()

```
void cz.vutbr.fit.ta.ontology.SocialNetworkObject.addToModel (
    TargetModel target )
```

12.49.3.2 getClassIRI()

```
IRI cz.vutbr.fit.ta.ontology.SocialNetworkObject.getClassIRI ( )
```

12.49.3.3 loadFromModel()

```
void cz.vutbr.fit.ta.ontology.SocialNetworkObject.loadFromModel (
    Model model,
    EntityFactory efactory )
```

12.49.4 Member Data Documentation

12.49.4.1 CLASS_IRI

```
final IRI cz.vutbr.fit.ta.ontology.SocialNetworkObject.CLASS_IRI = vf.createIRI("http://nesfit.↵  
github.io/ontology/ta.owl#SocialNetworkObject") [static]
```

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

- /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/Social↵
NetworkObject.java

12.50 cz.vutbr.fit.ta.local.sql.SqlItemFactory< T > Interface Template Reference

Public Member Functions

- void [readItemsFromCursor](#) (ISqlJetCursor cursor, List< T > dest) throws NumberFormatException, SqlJet↵
Exception

12.50.1 Detailed Description

A factory that creates items from SQLite records.

Author

burgetr

12.50.2 Member Function Documentation

12.50.2.1 readItemsFromCursor()

```
void cz.vutbr.fit.ta.local.sql.SqlItemFactory< T >.readItemsFromCursor (  
    ISqlJetCursor cursor,  
    List< T > dest ) throws NumberFormatException, SqlJetException
```

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

- /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/sql/Sql↵
ItemFactory.java

12.51 cz.vutbr.fit.ta.local.sql.SQLiteReader< T > Class Template Reference

Public Member Functions

- [SQLiteReader](#) ()
- List< T > [readItemsFromTable](#) (File dbFile, String tableName, [SqlItemFactory](#)< T > itemFactory)

12.51.1 Detailed Description

A reader that reads arbitrary items from a sqlite database.

Author

burgetr

12.51.2 Constructor & Destructor Documentation

12.51.2.1 SqliteReader()

```
cz.vutbr.fit.ta.local.sql.SqliteReader< T >.SqliteReader ( )
```

12.51.3 Member Function Documentation

12.51.3.1 readItemsFromTable()

```
List<T> cz.vutbr.fit.ta.local.sql.SqliteReader< T >.readItemsFromTable (
    File dbFile,
    String tableName,
    SqlItemFactory< T > itemFactory )
```

Reads all items from a database.

Parameters

<i>dbFile</i>	the database file
<i>tableName</i>	the table name
<i>itemFactory</i>	the factory used for creating a collection of items from a sqlite cursor

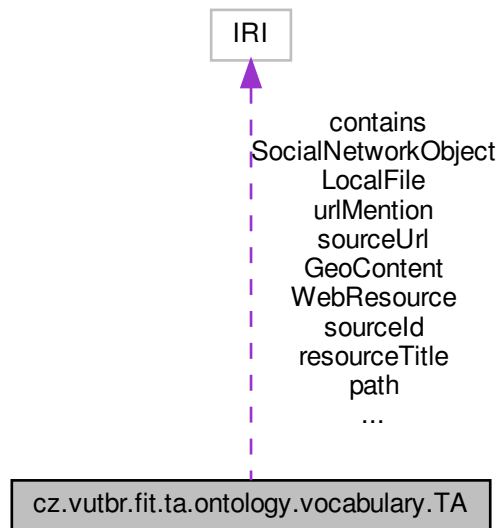
Returns

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

- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/sql/SqliteReader.java](#)

12.52 cz.vutbr.fit.ta.ontology.vocabulary.TA Class Reference

Collaboration diagram for cz.vutbr.fit.ta.ontology.vocabulary.TA:



Static Public Attributes

- static final String `NAMESPACE` = "http://nesfit.github.io/ontology/ta.owl#"
- static final String `PREFIX` = "ta"
- static final IRI `contains`
- static final IRI `Content`
- static final IRI `contextLink`
- static final IRI `CreationEvent`
- static final IRI `Entry`
- static final IRI `Event`
- static final IRI `FileDownloadEvent`
- static final IRI `fileName`
- static final IRI `GeoContent`
- static final IRI `Image`
- static final IRI `latitude`
- static final IRI `linksResource`
- static final IRI `LocalFile`
- static final IRI `longitude`
- static final IRI `Object`
- static final IRI `path`
- static final IRI `refersTo`
- static final IRI `resourceTitle`
- static final IRI `sameURL`
- static final IRI `SocialNetworkObject`
- static final IRI `sourceId`

- static final IRI [sourceTimeline](#)
- static final IRI [sourceUrl](#)
- static final IRI [tags](#)
- static final IRI [text](#)
- static final IRI [TextContent](#)
- static final IRI [Timeline](#)
- static final IRI [timestamp](#)
- static final IRI [URLContent](#)
- static final IRI [urlMention](#)
- static final IRI [URLVisitEvent](#)
- static final IRI [WebResource](#)

12.52.1 Detailed Description

[Timeline](#) Analyzer Ontology.

An ontology used for representing the social network timelines and their contents..

Namespace [TA](#). Prefix:

```
<http://nesfit.github.io/ontology/ta.owl#>
```

12.52.2 Member Data Documentation

12.52.2.1 contains

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.contains [static]
```

```
http://nesfit.github.io/ontology/ta.owl#contains
```

.

See also

[contains](#)

12.52.2.2 Content

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.Content [static]
```

```
http://nesfit.github.io/ontology/ta.owl#Content
```

.

A particular content of an entry.

See also

[Content](#)

12.52.2.3 contextLink

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.contextLink [static]
```

```
http://nesfit.github.io/ontology/ta.owl#contextLink
```

.

A generic link between two profile entities (e.g. profiles, entries, contents).

See also

[contextLink](#)

12.52.2.4 CreationEvent

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.CreationEvent [static]
```

created

```
http://nesfit.github.io/ontology/ta.owl#CreationEvent
```

.

An event of the object creation

See also

[CreationEvent](#)

12.52.2.5 Entry

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.Entry [static]
```

```
http://nesfit.github.io/ontology/ta.owl#Entry
```

.

An entry in the timeline

See also

[Entry](#)

12.52.2.6 Event

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.Event [static]
```

```
http://nesfit.github.io/ontology/ta.owl#Event
```

.

An event with a subject and time assigned

See also

[Event](#)

12.52.2.7 FileDownloadEvent

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.FileDownloadEvent [static]
```

downloaded

```
http://nesfit.github.io/ontology/ta.owl#FileDownloadEvent
```

.

An event of the file download from a URL

See also

[FileDownloadEvent](#)

12.52.2.8 fileName

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.fileName [static]
```

```
http://nesfit.github.io/ontology/ta.owl#fileName
```

.

A name of a file

See also

[fileName](#)

12.52.2.9 GeoContent

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.GeoContent [static]
```

```
http://nesfit.github.io/ontology/ta.owl#GeoContent
```

.

See also

[GeoContent](#)

12.52.2.10 Image

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.Image [static]
```

```
http://nesfit.github.io/ontology/ta.owl#Image
```

.

An image contained in an entry.

See also

[Image](#)

12.52.2.11 latitude

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.latitude [static]
```

```
http://nesfit.github.io/ontology/ta.owl#latitude
```

.

See also

[latitude](#)

12.52.2.12 linksResource

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.linksResource [static]
```

```
http://nesfit.github.io/ontology/ta.owl#linksResource
```

.

See also

[linksResource](#)

12.52.2.13 LocalFile

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.LocalFile [static]
```

```
http://nesfit.github.io/ontology/ta.owl#LocalFile
```

.

A investigated file on a local filesystem

See also

[LocalFile](#)

12.52.2.14 longitude

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.longitude [static]
```

```
http://nesfit.github.io/ontology/ta.owl#longitude
```

.

See also

[longitude](#)

12.52.2.15 NAMESPACE

```
final String cz.vutbr.fit.ta.ontology.vocabulary.TA.NAMESPACE = "http://nesfit.github.io/ontology/ta.↵  
owl#" [static]
```

```
http://nesfit.github.io/ontology/ta.owl#
```

12.52.2.16 Object

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.Object [static]
```

```
http://nesfit.github.io/ontology/ta.owl#Object
```

.

A generic investigated object

See also

[Object](#)

12.52.2.17 path

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.path [static]
```

```
http://nesfit.github.io/ontology/ta.owl#path
```

.

A file path in a local filesystem

See also

[path](#)

12.52.2.18 PREFIX

```
final String cz.vutbr.fit.ta.ontology.vocabulary.TA.PREFIX = "ta" [static]
```

```
ta
```

12.52.2.19 refersTo

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.refersTo [static]
```

```
http://nesfit.github.io/ontology/ta.owl#refersTo
```

.

Assigns an object to an event

See also

[refersTo](#)

12.52.2.20 resourceTitle

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.resourceTitle [static]
```

```
http://nesfit.github.io/ontology/ta.owl#resourceTitle
```

.

A title of a web resource (web page title, if present)

See also

[resourceTitle](#)

12.52.2.21 sameURL

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.sameURL [static]
```

URL also published in

```
http://nesfit.github.io/ontology/ta.owl#sameURL
```

.

Indicates that the URL has been also published in an entry in another profile

See also

[sameURL](#)

12.52.2.22 SocialNetworkObject

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.SocialNetworkObject [static]
```

```
http://nesfit.github.io/ontology/ta.owl#SocialNetworkObject
```

.

See also

[SocialNetworkObject](#)

12.52.2.23 sourceId

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.sourceId [static]
```

```
http://nesfit.github.io/ontology/ta.owl#sourceId
```

.

An identifier of the entry in the source timeline (e.g. Twitter id)

See also

[sourceId](#)

12.52.2.24 sourceTimeline

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.sourceTimeline [static]
```

```
http://nesfit.github.io/ontology/ta.owl#sourceTimeline
```

.

Assigns a source timeline to an event

See also

[sourceTimeline](#)

12.52.2.25 sourceUrl

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.sourceUrl [static]
```

```
http://nesfit.github.io/ontology/ta.owl#sourceUrl
```

.

Source URL of the media.

See also

[sourceUrl](#)

12.52.2.26 tags

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.tags [static]
```

```
http://nesfit.github.io/ontology/ta.owl#tags
```

.

Tags specifying the properties of the entry (e.g. 'download', 'visit', etc.)

See also

[tags](#)

12.52.2.27 text

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.text [static]
```

```
http://nesfit.github.io/ontology/ta.owl#text
```

.

See also

[text](#)

12.52.2.28 TextContent

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.TextContent [static]
```

```
http://nesfit.github.io/ontology/ta.owl#TextContent
```

.

Text contained in an entry.

See also

[TextContent](#)

12.52.2.29 Timeline

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.Timeline [static]
```

```
http://nesfit.github.io/ontology/ta.owl#Timeline
```

.

A sequence of entries displayed in a single time line.

See also

[Timeline](#)

12.52.2.30 timestamp

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.timestamp [static]
```

```
http://nesfit.github.io/ontology/ta.owl#timestamp
```

.

A timestamp for an event

See also

[timestamp](#)

12.52.2.31 URLContent

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.URLContent [static]
```

```
http://nesfit.github.io/ontology/ta.owl#URLContent
```

.

See also

[URLContent](#)

12.52.2.32 urlMention

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.urlMention [static]
```

Source URL mentioned in

```
http://nesfit.github.io/ontology/ta.owl#urlMention
```

.

Indicates that the URL of a content (image, other URL, etc.) is mentioned in another entry.

See also

[urlMention](#)

12.52.2.33 URLVisitEvent

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.URLVisitEvent [static]
```

visited URL

```
http://nesfit.github.io/ontology/ta.owl#URLVisitEvent
```

.

An event of a URL visit

See also

[URLVisitEvent](#)

12.52.2.34 WebResource

```
final IRI cz.vutbr.fit.ta.ontology.vocabulary.TA.WebResource [static]
```

```
http://nesfit.github.io/ontology/ta.owl#WebResource
```

.

A web resource with a URL

See also

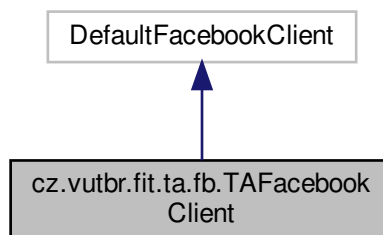
[WebResource](#)

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

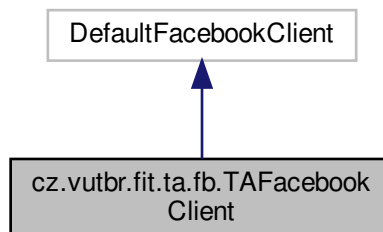
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/vocabulary/TAWebResource.java](#)

12.53 cz.vutbr.fit.ta.fb.TAFacebookClient Class Reference

Inheritance diagram for cz.vutbr.fit.ta.fb.TAFacebookClient:



Collaboration diagram for cz.vutbr.fit.ta.fb.TAFacebookClient:



Public Member Functions

- [TAFacebookClient](#) ()

12.53.1 Detailed Description

Author

burgetr

12.53.2 Constructor & Destructor Documentation

12.53.2.1 TAFacebookClient()

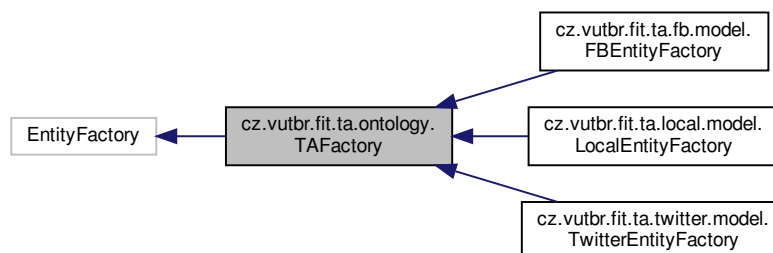
```
cz.vutbr.fit.ta.fb.TAFacebookClient.TAFacebookClient ( )
```

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

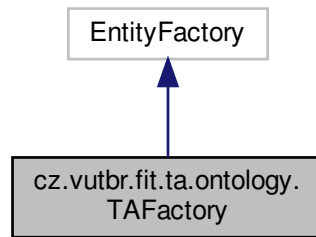
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/TAFacebookClient.java](#)

12.54 cz.vutbr.fit.ta.ontology.TAFactory Interface Reference

Inheritance diagram for cz.vutbr.fit.ta.ontology.TAFactory:



Collaboration diagram for cz.vutbr.fit.ta.ontology.TAFactory:



Public Member Functions

- [GeoContent](#) `createGeoContent` (IRI iri)
- [TextContent](#) `createTextContent` (IRI iri)
- [Image](#) `createImage` (IRI iri)
- [Entry](#) `createEntry` (IRI iri)
- [LocalFile](#) `createLocalFile` (IRI iri)
- [Timeline](#) `createTimeline` (IRI iri)
- [FileDownloadEvent](#) `createFileDownloadEvent` (IRI iri)
- [SocialNetworkObject](#) `createSocialNetworkObject` (IRI iri)
- [Content](#) `createContent` (IRI iri)
- [WebResource](#) `createWebResource` (IRI iri)
- [URLVisitEvent](#) `createURLVisitEvent` (IRI iri)
- [CreationEvent](#) `createCreationEvent` (IRI iri)
- [Object](#) `createObject` (IRI iri)
- [URLContent](#) `createURLContent` (IRI iri)
- [Event](#) `createEvent` (IRI iri)

12.54.1 Member Function Documentation

12.54.1.1 `createContent()`

```
Content cz.vutbr.fit.ta.ontology.TAFactory.createContent (
    IRI iri )
```

Implemented in [cz.vutbr.fit.ta.local.model.LocalEntityFactory](#), [cz.vutbr.fit.ta.fb.model.FBEntityFactory](#), and [cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory](#).

12.54.1.2 createCreationEvent()

```
CreationEvent cz.vutbr.fit.ta.ontology.TAFactory.createCreationEvent (
    IRI iri )
```

Implemented in [cz.vutbr.fit.ta.fb.model.FBEntityFactory](#), [cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory](#), and [cz.vutbr.fit.ta.local.model.LocalEntityFactory](#).

12.54.1.3 createEntry()

```
Entry cz.vutbr.fit.ta.ontology.TAFactory.createEntry (
    IRI iri )
```

Implemented in [cz.vutbr.fit.ta.local.model.LocalEntityFactory](#), [cz.vutbr.fit.ta.fb.model.FBEntityFactory](#), and [cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory](#).

12.54.1.4 createEvent()

```
Event cz.vutbr.fit.ta.ontology.TAFactory.createEvent (
    IRI iri )
```

Implemented in [cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory](#), [cz.vutbr.fit.ta.local.model.LocalEntityFactory](#), and [cz.vutbr.fit.ta.fb.model.FBEntityFactory](#).

12.54.1.5 createFileDownloadEvent()

```
FileDownloadEvent cz.vutbr.fit.ta.ontology.TAFactory.createFileDownloadEvent (
    IRI iri )
```

Implemented in [cz.vutbr.fit.ta.fb.model.FBEntityFactory](#), [cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory](#), and [cz.vutbr.fit.ta.local.model.LocalEntityFactory](#).

12.54.1.6 createGeoContent()

```
GeoContent cz.vutbr.fit.ta.ontology.TAFactory.createGeoContent (
    IRI iri )
```

Implemented in [cz.vutbr.fit.ta.fb.model.FBEntityFactory](#), [cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory](#), and [cz.vutbr.fit.ta.local.model.LocalEntityFactory](#).

12.54.1.7 createImage()

```
Image cz.vutbr.fit.ta.ontology.TAFactory.createImage (
    IRI iri )
```

Implemented in [cz.vutbr.fit.ta.local.model.LocalEntityFactory](#), [cz.vutbr.fit.ta.fb.model.FBEntityFactory](#), and [cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory](#).

12.54.1.8 createLocalFile()

```
LocalFile cz.vutbr.fit.ta.ontology.TAFactory.createLocalFile (
    IRI iri )
```

Implemented in [cz.vutbr.fit.ta.fb.model.FBEntityFactory](#), [cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory](#), and [cz.vutbr.fit.ta.local.model.LocalEntityFactory](#).

12.54.1.9 createObject()

```
Object cz.vutbr.fit.ta.ontology.TAFactory.createObject (
    IRI iri )
```

Implemented in [cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory](#), [cz.vutbr.fit.ta.local.model.LocalEntityFactory](#), and [cz.vutbr.fit.ta.fb.model.FBEntityFactory](#).

12.54.1.10 createSocialNetworkObject()

```
SocialNetworkObject cz.vutbr.fit.ta.ontology.TAFactory.createSocialNetworkObject (
    IRI iri )
```

Implemented in [cz.vutbr.fit.ta.fb.model.FBEntityFactory](#), [cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory](#), and [cz.vutbr.fit.ta.local.model.LocalEntityFactory](#).

12.54.1.11 createTextContent()

```
TextContent cz.vutbr.fit.ta.ontology.TAFactory.createTextContent (
    IRI iri )
```

Implemented in [cz.vutbr.fit.ta.local.model.LocalEntityFactory](#), [cz.vutbr.fit.ta.fb.model.FBEntityFactory](#), and [cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory](#).

12.54.1.12 createTimeline()

```
Timeline cz.vutbr.fit.ta.ontology.TAFactory.createTimeline (
    IRI iri )
```

Implemented in [cz.vutbr.fit.ta.local.model.LocalEntityFactory](#), [cz.vutbr.fit.ta.fb.model.FBEntityFactory](#), and [cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory](#).

12.54.1.13 createURLContent()

```
URLContent cz.vutbr.fit.ta.ontology.TAFactory.createURLContent (
    IRI iri )
```

Implemented in [cz.vutbr.fit.ta.fb.model.FBEntityFactory](#), [cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory](#), and [cz.vutbr.fit.ta.local.model.LocalEntityFactory](#).

12.54.1.14 createURLVisitEvent()

```
URLVisitEvent cz.vutbr.fit.ta.ontology.TAFactory.createURLVisitEvent (
    IRI iri )
```

Implemented in [cz.vutbr.fit.ta.fb.model.FBEntityFactory](#), [cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory](#), and [cz.vutbr.fit.ta.local.model.LocalEntityFactory](#).

12.54.1.15 createWebResource()

```
WebResource cz.vutbr.fit.ta.ontology.TAFactory.createWebResource (
    IRI iri )
```

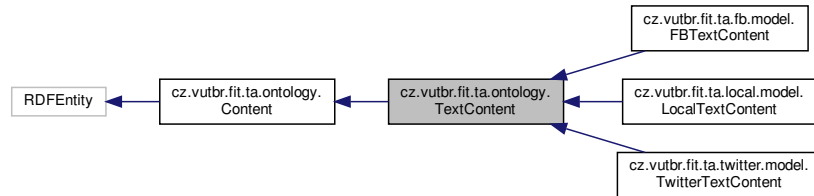
Implemented in [cz.vutbr.fit.ta.fb.model.FBEntityFactory](#), [cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory](#), and [cz.vutbr.fit.ta.local.model.LocalEntityFactory](#).

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

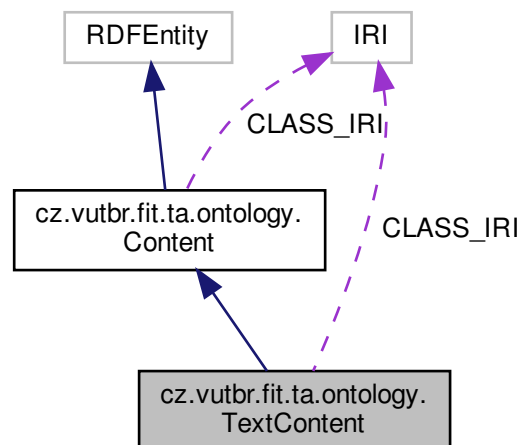
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/TAFactory.java](#)

12.55 cz.vutbr.fit.ta.ontology.TextContent Class Reference

Inheritance diagram for cz.vutbr.fit.ta.ontology.TextContent:



Collaboration diagram for cz.vutbr.fit.ta.ontology.TextContent:



Public Member Functions

- [TextContent](#) (IRI iri)
- IRI [getClassIRI](#) ()
- String [getText](#) ()
- void [setText](#) (String text)
- void [addToModel](#) (TargetModel target)
- void [loadFromModel](#) (Model model, EntityFactory efactory)

Static Public Attributes

- static final IRI [CLASS_IRI](#) = vf.createIRI("http://nesfit.github.io/ontology/ta.owl#[TextContent](#)")

12.55.1 Detailed Description

Text contained in an entry..

IRI:

```
<http://nesfit.github.io/ontology/ta.owl#TextContent>
```

12.55.2 Constructor & Destructor Documentation

12.55.2.1 TextContent()

```
cz.vutbr.fit.ta.ontology.TextContent.TextContent (
    IRI iri )
```

12.55.3 Member Function Documentation

12.55.3.1 addToModel()

```
void cz.vutbr.fit.ta.ontology.TextContent.addToModel (
    TargetModel target )
```

12.55.3.2 getClassIRI()

```
IRI cz.vutbr.fit.ta.ontology.TextContent.getClassIRI ( )
```

12.55.3.3 getText()

```
String cz.vutbr.fit.ta.ontology.TextContent.getText ( )
```

12.55.3.4 loadFromModel()

```
void cz.vutbr.fit.ta.ontology.TextContent.loadFromModel (
    Model model,
    EntityFactory efactory )
```

12.55.3.5 setText()

```
void cz.vutbr.fit.ta.ontology.TextContent.setText (
    String text )
```

12.55.4 Member Data Documentation

12.55.4.1 CLASS_IRI

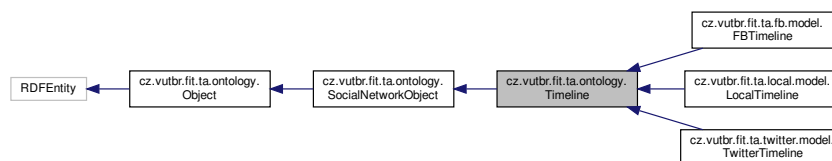
```
final IRI cz.vutbr.fit.ta.ontology.TextContent.CLASS_IRI = vf.createIRI("http://nesfit.↵
github.io/ontology/ta.owl#TextContent") [static]
```

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

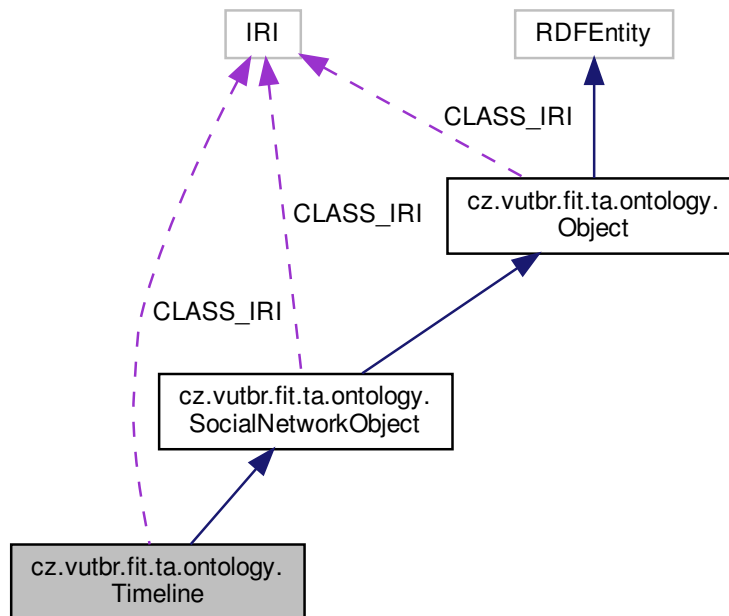
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/Text↵
Content.java](#)

12.56 cz.vutbr.fit.ta.ontology.Timeline Class Reference

Inheritance diagram for cz.vutbr.fit.ta.ontology.Timeline:



Collaboration diagram for `cz.vutbr.fit.ta.ontology.Timeline`:



Public Member Functions

- [Timeline](#) (IRI iri)
- IRI [getClassIRI](#) ()
- String [getSourceId](#) ()
- void [setSourceId](#) (String sourceId)
- Set< [Event](#) > [getEvents](#) ()
- void [addEvent](#) ([Event](#) event)
- void [addToModel](#) ([TargetModel](#) target)
- void [loadFromModel](#) ([Model](#) model, [EntityFactory](#) efactory)

Static Public Attributes

- static final IRI [CLASS_IRI](#) = `vf.createIRI("http://nesfit.github.io/ontology/ta.owl#Timeline")`

12.56.1 Detailed Description

A sequence of entries displayed in a single time line..

IRI:

```
<http://nesfit.github.io/ontology/ta.owl#Timeline>
```


12.56.2 Constructor & Destructor Documentation

12.56.2.1 Timeline()

```
cz.vutbr.fit.ta.ontology.Timeline.Timeline (
    IRI iri )
```

12.56.3 Member Function Documentation

12.56.3.1 addEvent()

```
void cz.vutbr.fit.ta.ontology.Timeline.addEvent (
    Event event )
```

12.56.3.2 addToModel()

```
void cz.vutbr.fit.ta.ontology.Timeline.addToModel (
    TargetModel target )
```

12.56.3.3 getClassIRI()

```
IRI cz.vutbr.fit.ta.ontology.Timeline.getClassIRI ( )
```

12.56.3.4 getEvents()

```
Set<Event> cz.vutbr.fit.ta.ontology.Timeline.getEvents ( )
```

12.56.3.5 getSourceId()

```
String cz.vutbr.fit.ta.ontology.Timeline.getSourceId ( )
```

12.56.3.6 loadFromModel()

```
void cz.vutbr.fit.ta.ontology.Timeline.loadFromModel (
    Model model,
    EntityFactory efactory )
```

12.56.3.7 setSourceId()

```
void cz.vutbr.fit.ta.ontology.Timeline.setSourceId (
    String sourceId )
```

12.56.4 Member Data Documentation

12.56.4.1 CLASS_IRI

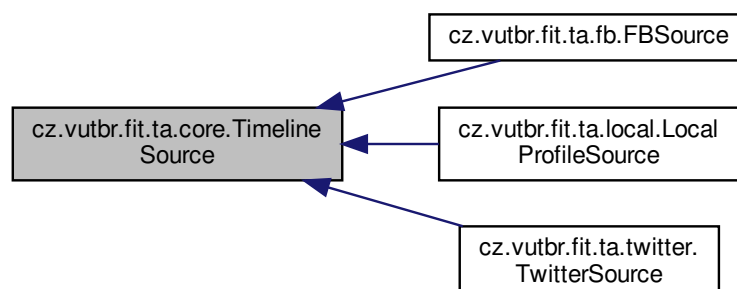
```
final IRI cz.vutbr.fit.ta.ontology.Timeline.CLASS_IRI = vf.createIRI("http://nesfit.github.io/ontology/ta.owl#Timeline") [static]
```

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

- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/Timeline.java](#)

12.57 cz.vutbr.fit.ta.core.TimelineSource Class Reference

Inheritance diagram for cz.vutbr.fit.ta.core.TimelineSource:



Public Member Functions

- [TimelineSource](#) ()
- Date [getStartDate](#) ()
- void [setStartDate](#) (Date startDate)
- Date [getEndDate](#) ()
- void [setEndDate](#) (Date endDate)
- int [getLimit](#) ()
- void [setLimit](#) (int limit)
- abstract [Timeline](#) [getTimeline](#) ()

12.57.1 Detailed Description

Author

burgetr

12.57.2 Constructor & Destructor Documentation

12.57.2.1 TimelineSource()

```
cz.vutbr.fit.ta.core.TimelineSource.TimelineSource ( )
```

12.57.3 Member Function Documentation

12.57.3.1 getEndDate()

```
Date cz.vutbr.fit.ta.core.TimelineSource.getEndDate ( )
```

12.57.3.2 getLimit()

```
int cz.vutbr.fit.ta.core.TimelineSource.getLimit ( )
```

12.57.3.3 getStartDate()

```
Date cz.vutbr.fit.ta.core.TimelineSource.getStartDate ( )
```

12.57.3.4 `getTimeline()`

```
abstract Timeline cz.vutbr.fit.ta.core.TimelineSource.getTimeline ( ) [abstract]
```

Reads the timeline based on the specified limits.

Returns

12.57.3.5 `setEndDate()`

```
void cz.vutbr.fit.ta.core.TimelineSource.setEndDate (
    Date endDate )
```

Sets the end date of the timeline.

Parameters

<i>endDate</i>	
----------------	--

12.57.3.6 `setLimit()`

```
void cz.vutbr.fit.ta.core.TimelineSource.setLimit (
    int limit )
```

Sets the maximal number of fetched entries. This is ignored when both the start date and the end date are used.

Parameters

<i>limit</i>	
--------------	--

12.57.3.7 `setStartDate()`

```
void cz.vutbr.fit.ta.core.TimelineSource.setStartDate (
    Date startDate )
```

Sets the start date of the timeline.

Parameters

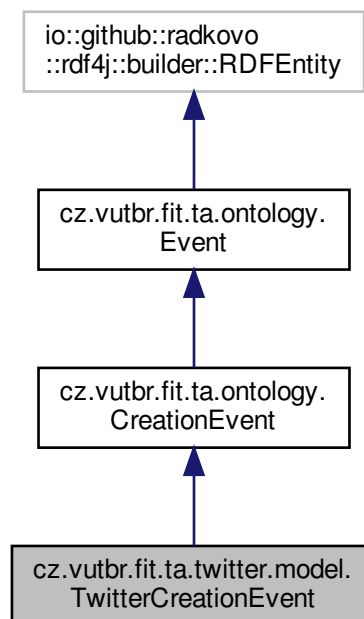
<i>startDate</i>	
------------------	--

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

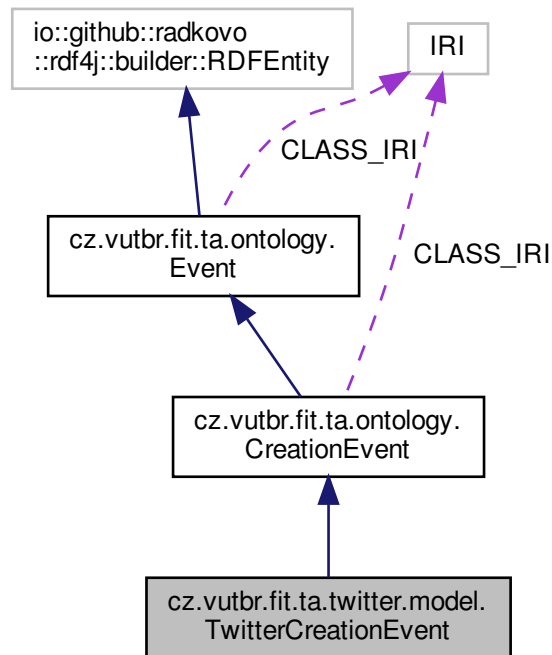
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/core/TimelineSource.java](#)

12.58 cz.vutbr.fit.ta.twitter.model.TwitterCreationEvent Class Reference

Inheritance diagram for cz.vutbr.fit.ta.twitter.model.TwitterCreationEvent:



Collaboration diagram for `cz.vutbr.fit.ta.twitter.model.TwitterCreationEvent`:



Public Member Functions

- [TwitterCreationEvent](#) (IRI iri)
- [String](#) `getLabel` ()

Additional Inherited Members

12.58.1 Detailed Description

Author

burgetr

12.58.2 Constructor & Destructor Documentation

12.58.2.1 TwitterCreationEvent()

```

cz.vutbr.fit.ta.twitter.model.TwitterCreationEvent.TwitterCreationEvent (
    IRI iri )
  
```

12.58.3 Member Function Documentation

12.58.3.1 getLabel()

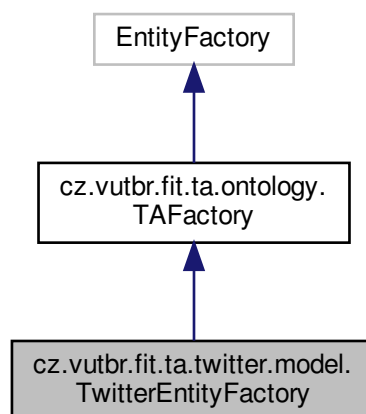
```
String cz.vutbr.fit.ta.twitter.model.TwitterCreationEvent.getLabel ( )
```

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

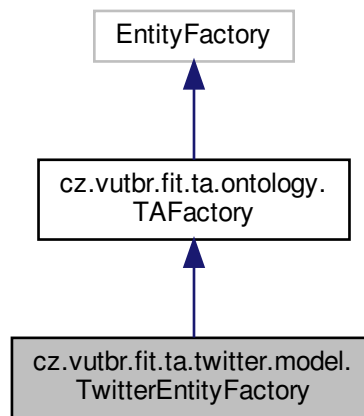
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/twitter/model/TwitterCreationEvent.java](#)

12.59 cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory Class Reference

Inheritance diagram for cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory:



Collaboration diagram for `cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory`:



Public Member Functions

- [Content](#) `createContent` (IRI iri)
- [TextContent](#) `createTextContent` (IRI iri)
- [TextContent](#) `createTextContent` (long statusId)
- [Image](#) `createImage` (IRI iri)
- [Image](#) `createImage` (long imageId)
- [Entry](#) `createEntry` (IRI iri)
- [Entry](#) `createEntry` (long statusId)
- [Timeline](#) `createTimeline` (IRI iri)
- [Timeline](#) `createTimeline` (String username)
- [GeoContent](#) `createGeoContent` (IRI iri)
- [GeoContent](#) `createGeoContent` (long statusId)
- [URLContent](#) `createUrlContent` (IRI iri)
- [URLContent](#) `createUrlContent` (long statusId, int position)
- [SocialNetworkObject](#) `createSocialNetworkObject` (IRI iri)
- [LocalFile](#) `createLocalFile` (IRI iri)
- [CreationEvent](#) `createCreationEvent` (IRI iri)
- [CreationEvent](#) `createCreationEvent` (long statusId)
- [Object](#) `createObject` (IRI iri)
- [Event](#) `createEvent` (IRI iri)
- [FileDownloadEvent](#) `createFileDownloadEvent` (IRI iri)
- [WebResource](#) `createWebResource` (IRI iri)
- [WebResource](#) `createWebResource` (String urlString)
- [URLVisitEvent](#) `createUrlVisitEvent` (IRI iri)

Static Public Member Functions

- static [TwitterEntityFactory](#) `getInstance` ()

Protected Member Functions

- [TwitterEntityFactory \(\)](#)

12.59.1 Detailed Description

Author

burgetr

12.59.2 Constructor & Destructor Documentation

12.59.2.1 TwitterEntityFactory()

```
cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.TwitterEntityFactory ( ) [protected]
```

12.59.3 Member Function Documentation

12.59.3.1 createContent()

```
Content cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createContent (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.59.3.2 createCreationEvent() [1/2]

```
CreationEvent cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createCreationEvent (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.59.3.3 createCreationEvent() [2/2]

```
CreationEvent cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createCreationEvent (
    long statusId )
```

12.59.3.4 createEntry() [1/2]

```
Entry cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createEntry (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.59.3.5 createEntry() [2/2]

```
Entry cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createEntry (
    long statusId )
```

12.59.3.6 createEvent()

```
Event cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createEvent (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.59.3.7 createFileDownloadEvent()

```
FileDownloadEvent cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createFileDownloadEvent (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.59.3.8 createGeoContent() [1/2]

```
GeoContent cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createGeoContent (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.59.3.9 createGeoContent() [2/2]

```
GeoContent cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createGeoContent (
    long statusId )
```

12.59.3.10 createImage() [1/2]

```
Image cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createImage (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.59.3.11 createImage() [2/2]

```
Image cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createImage (
    long imageId )
```

12.59.3.12 createLocalFile()

```
LocalFile cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createLocalFile (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.59.3.13 createObject()

```
Object cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createObject (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.59.3.14 createSocialNetworkObject()

```
SocialNetworkObject cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createSocialNetwork↔
Object (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.59.3.15 createTextContent() [1/2]

```
TextContent cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createTextContent (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.59.3.16 createTextContent() [2/2]

`TextContent` `cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createTextContent (long statusId)`

12.59.3.17 createTimeline() [1/2]

`Timeline` `cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createTimeline (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.59.3.18 createTimeline() [2/2]

`Timeline` `cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createTimeline (String username)`

12.59.3.19 createURLContent() [1/2]

`URLContent` `cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createURLContent (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.59.3.20 createURLContent() [2/2]

`URLContent` `cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createURLContent (long statusId, int position)`

12.59.3.21 createURLVisitEvent()

`URLVisitEvent` `cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createURLVisitEvent (IRI iri)`

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.59.3.22 createWebResource() [1/2]

```
WebResource cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createWebResource (
    IRI iri )
```

Implements [cz.vutbr.fit.ta.ontology.TAFactory](#).

12.59.3.23 createWebResource() [2/2]

```
WebResource cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.createWebResource (
    String urlString )
```

12.59.3.24 getInstance()

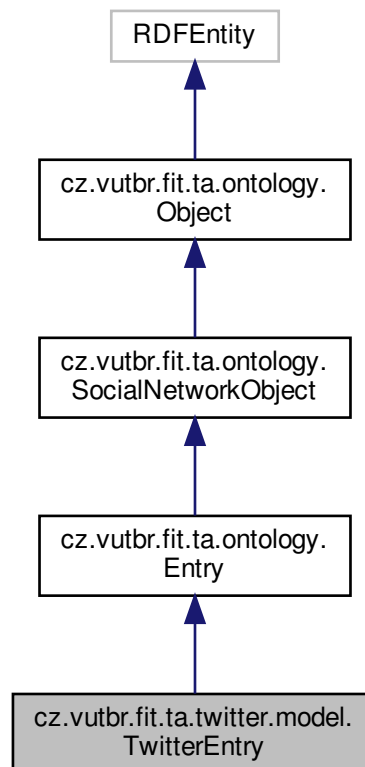
```
static TwitterEntityFactory cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory.getInstance ( )
[static]
```

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

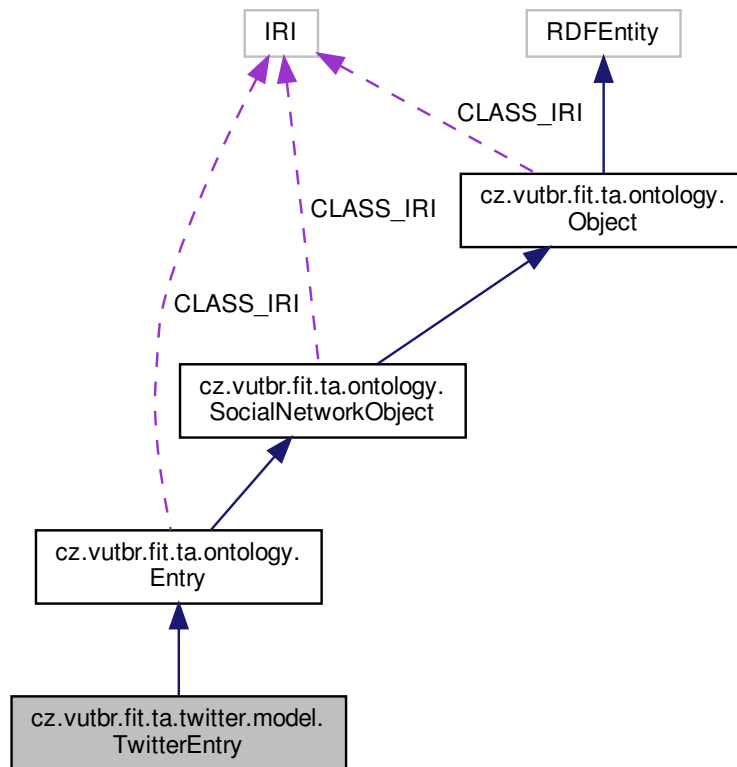
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/twitter/model/TwitterEntityFactory.java](#)

12.60 cz.vutbr.fit.ta.twitter.model.TwitterEntry Class Reference

Inheritance diagram for cz.vutbr.fit.ta.twitter.model.TwitterEntry:



Collaboration diagram for cz.vutbr.fit.ta.twitter.model.TwitterEntry:



Public Member Functions

- [TwitterEntry](#) (IRI iri)

Additional Inherited Members

12.60.1 Detailed Description

Author

burgetr

12.60.2 Constructor & Destructor Documentation

12.60.2.1 TwitterEntry()

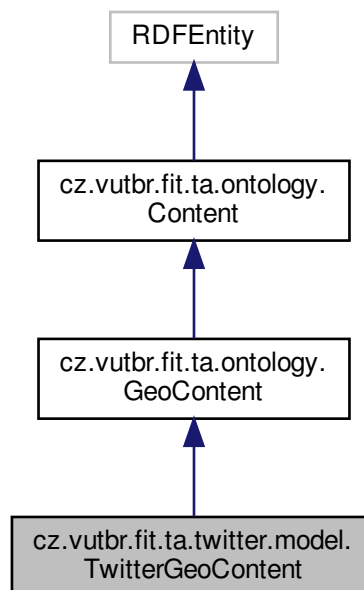
```
cz.vutbr.fit.ta.twitter.model.TwitterEntry.TwitterEntry (
    IRI iri )
```

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

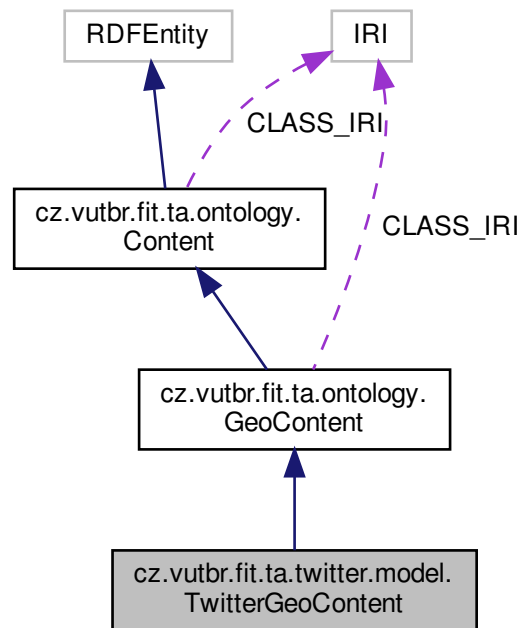
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/twitter/model/TwitterEntry.java](#)

12.61 cz.vutbr.fit.ta.twitter.model.TwitterGeoContent Class Reference

Inheritance diagram for `cz.vutbr.fit.ta.twitter.model.TwitterGeoContent`:



Collaboration diagram for cz.vutbr.fit.ta.twitter.model.TwitterGeoContent:



Public Member Functions

- [TwitterGeoContent](#) (IRI iri)

Additional Inherited Members

12.61.1 Detailed Description

Author

burgetr

12.61.2 Constructor & Destructor Documentation

12.61.2.1 TwitterGeoContent()

```

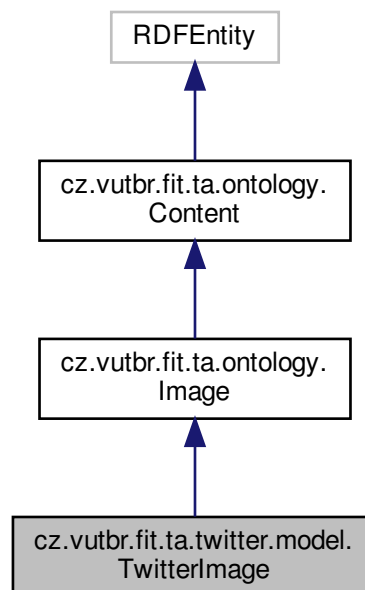
cz.vutbr.fit.ta.twitter.model.TwitterGeoContent.TwitterGeoContent (
    IRI iri )
  
```

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

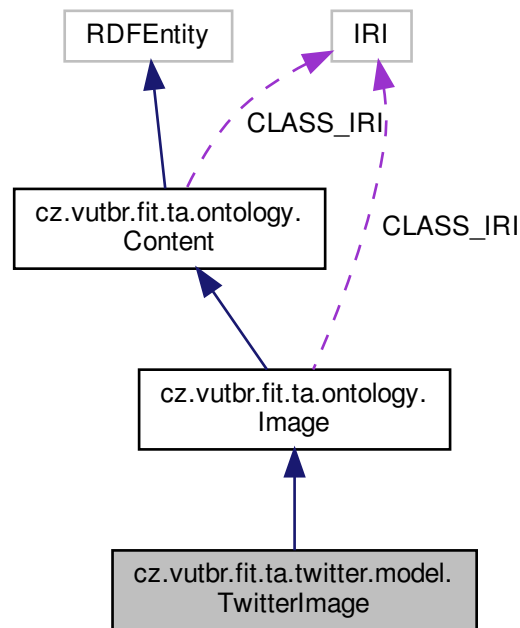
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/twitter/model/TwitterGeoContent.java](#)

12.62 cz.vutbr.fit.ta.twitter.model.TwitterImage Class Reference

Inheritance diagram for cz.vutbr.fit.ta.twitter.model.TwitterImage:



Collaboration diagram for cz.vutbr.fit.ta.twitter.model.TwitterImage:



Public Member Functions

- [TwitterImage](#) (IRI iri)

Additional Inherited Members

12.62.1 Detailed Description

Author

burgetr

12.62.2 Constructor & Destructor Documentation

12.62.2.1 TwitterImage()

```

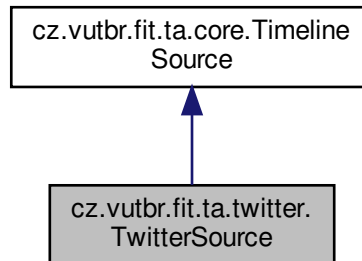
cz.vutbr.fit.ta.twitter.model.TwitterImage.TwitterImage (
    IRI iri )
  
```

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

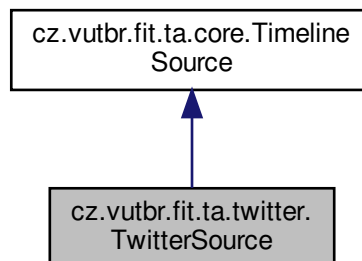
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/twitter/model/TwitterImage.java](#)

12.63 cz.vutbr.fit.ta.twitter.TwitterSource Class Reference

Inheritance diagram for cz.vutbr.fit.ta.twitter.TwitterSource:



Collaboration diagram for cz.vutbr.fit.ta.twitter.TwitterSource:



Public Member Functions

- [TwitterSource](#) (String username)
- String [getUsername](#) ()
- [Timeline](#) [getTimeline](#) ()

12.63.1 Detailed Description

Author

burgetr

12.63.2 Constructor & Destructor Documentation

12.63.2.1 TwitterSource()

```
cz.vutbr.fit.ta.twitter.TwitterSource.TwitterSource (
    String username )
```

12.63.3 Member Function Documentation

12.63.3.1 getTimeline()

```
Timeline cz.vutbr.fit.ta.twitter.TwitterSource.getTimeline ( )
```

12.63.3.2 getUsername()

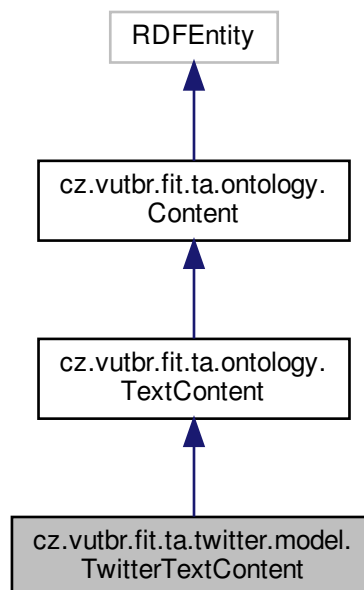
```
String cz.vutbr.fit.ta.twitter.TwitterSource.getUsername ( )
```

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

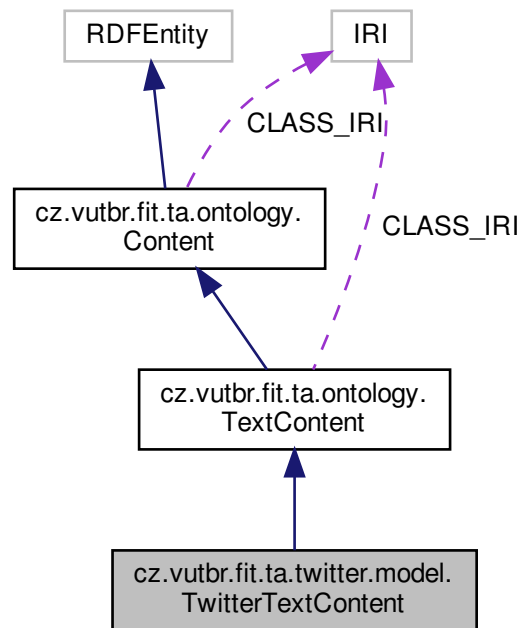
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/twitter/TwitterSource.java](#)

12.64 cz.vutbr.fit.ta.twitter.model.TwitterTextContent Class Reference

Inheritance diagram for cz.vutbr.fit.ta.twitter.model.TwitterTextContent:



Collaboration diagram for cz.vutbr.fit.ta.twitter.model.TwitterTextContent:



Public Member Functions

- [TwitterTextContent](#) (IRI iri)

Additional Inherited Members

12.64.1 Detailed Description

Author

burgetr

12.64.2 Constructor & Destructor Documentation

12.64.2.1 TwitterTextContent()

```

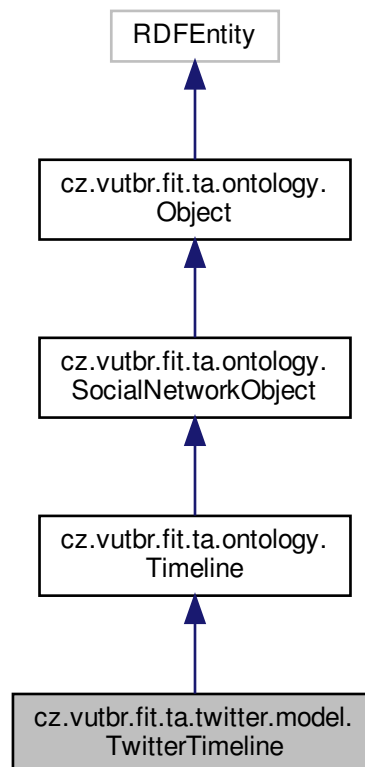
cz.vutbr.fit.ta.twitter.model.TwitterTextContent.TwitterTextContent (
    IRI iri )
  
```

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

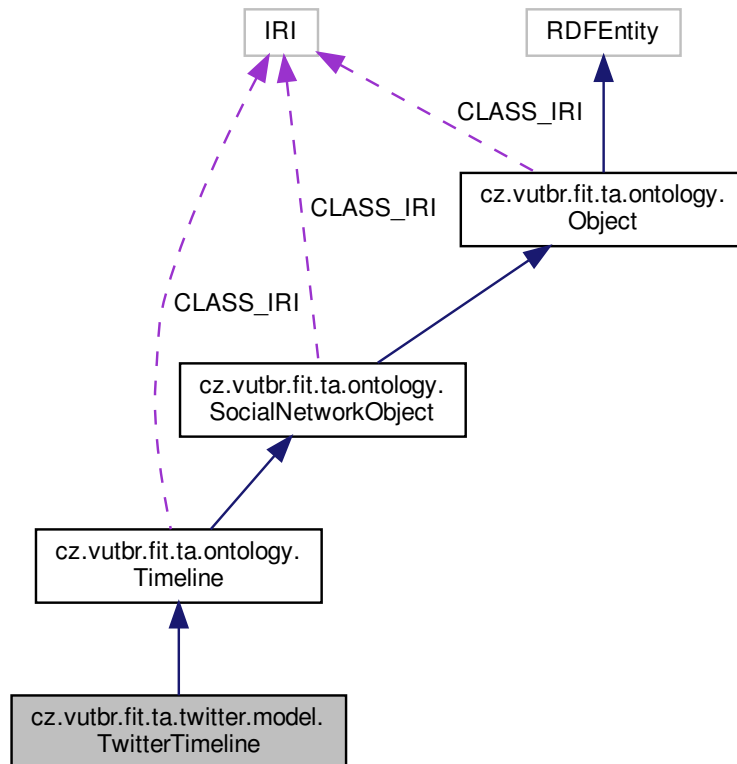
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/twitter/model/TwitterTextContent.java](#)

12.65 cz.vutbr.fit.ta.twitter.model.TwitterTimeline Class Reference

Inheritance diagram for cz.vutbr.fit.ta.twitter.model.TwitterTimeline:



Collaboration diagram for cz.vutbr.fit.ta.twitter.model.TwitterTimeline:



Public Member Functions

- [TwitterTimeline](#) (IRI iri)
- String [getLabel](#) ()

Additional Inherited Members

12.65.1 Detailed Description

Author

burgetr

12.65.2 Constructor & Destructor Documentation

12.65.2.1 TwitterTimeline()

```
cz.vutbr.fit.ta.twitter.model.TwitterTimeline.TwitterTimeline (
    IRI iri )
```

12.65.3 Member Function Documentation

12.65.3.1 getLabel()

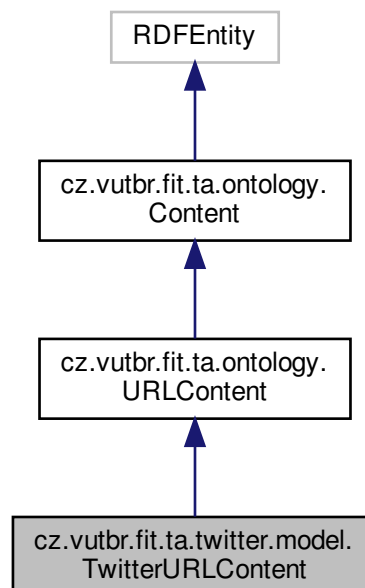
```
String cz.vutbr.fit.ta.twitter.model.TwitterTimeline.getLabel ( )
```

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

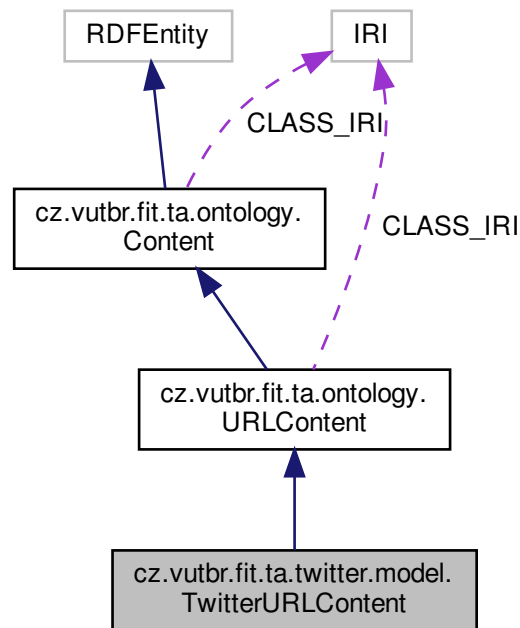
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/twitter/model/TwitterTimeline.java](#)

12.66 cz.vutbr.fit.ta.twitter.model.TwitterURLContent Class Reference

Inheritance diagram for cz.vutbr.fit.ta.twitter.model.TwitterURLContent:



Collaboration diagram for cz.vutbr.fit.ta.twitter.model.TwitterURLContent:



Public Member Functions

- [TwitterURLContent](#) (IRI iri)

Additional Inherited Members

12.66.1 Detailed Description

Author

burgetr

12.66.2 Constructor & Destructor Documentation

12.66.2.1 TwitterURLContent()

```

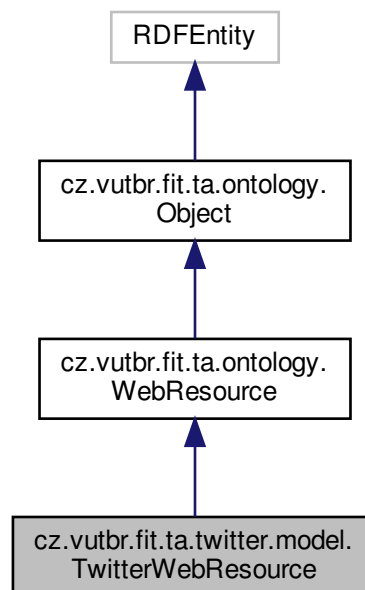
cz.vutbr.fit.ta.twitter.model.TwitterURLContent.TwitterURLContent (
    IRI iri )
  
```

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

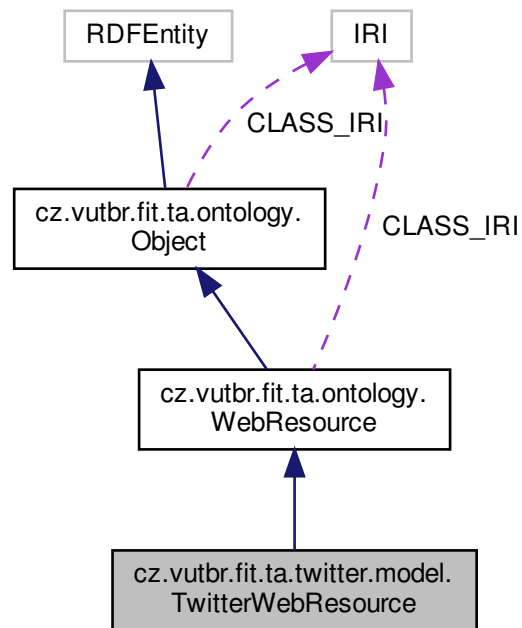
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/twitter/model/TwitterURLContent.java](#)

12.67 cz.vutbr.fit.ta.twitter.model.TwitterWebResource Class Reference

Inheritance diagram for cz.vutbr.fit.ta.twitter.model.TwitterWebResource:



Collaboration diagram for cz.vutbr.fit.ta.twitter.model.TwitterWebResource:



Public Member Functions

- [TwitterWebResource](#) (IRI iri)

Additional Inherited Members

12.67.1 Detailed Description

Author

burgetr

12.67.2 Constructor & Destructor Documentation

12.67.2.1 TwitterWebResource()

```

cz.vutbr.fit.ta.twitter.model.TwitterWebResource.TwitterWebResource (
    IRI iri )
  
```

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

- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/twitter/model/TwitterWebResource.java](#)

12.68 cz.vutbr.fit.ta.local.HistoryItem.Type Enum Reference

Public Attributes

- [VISIT](#)
- [DOWNLOAD](#)

12.68.1 Member Data Documentation

12.68.1.1 DOWNLOAD

`cz.vutbr.fit.ta.local.HistoryItem.Type.DOWNLOAD`

12.68.1.2 VISIT

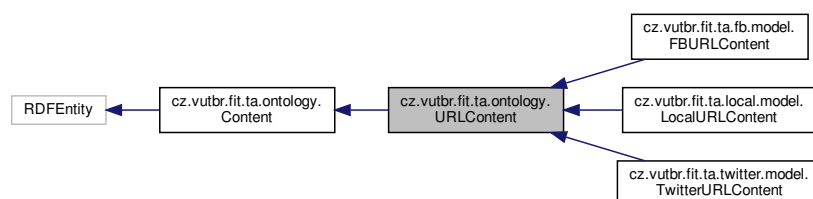
`cz.vutbr.fit.ta.local.HistoryItem.Type.VISIT`

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

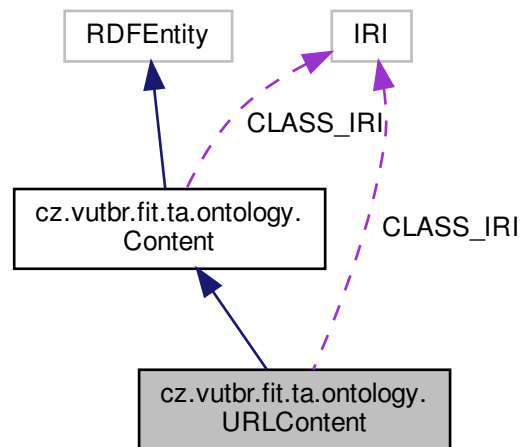
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/HistoryItem.java](#)

12.69 cz.vutbr.fit.ta.ontology.URLContent Class Reference

Inheritance diagram for `cz.vutbr.fit.ta.ontology.URLContent`:



Collaboration diagram for cz.vutbr.fit.ta.ontology.URLContent:



Public Member Functions

- [URLContent](#) (IRI iri)
- IRI [getClassIRI](#) ()
- String [getText](#) ()
- void [setText](#) (String text)
- [WebResource](#) [getLinksResource](#) ()
- void [setLinksResource](#) ([WebResource](#) linksResource)
- void [addToModel](#) (TargetModel target)
- void [loadFromModel](#) (Model model, EntityFactory efactory)

Static Public Attributes

- static final IRI [CLASS_IRI](#) = vf.createIRI("http://nesfit.github.io/ontology/ta.owl#URLContent")

12.69.1 Detailed Description

IRI:

```
<http://nesfit.github.io/ontology/ta.owl#URLContent>
```

12.69.2 Constructor & Destructor Documentation

12.69.2.1 URLContent()

```
cz.vutbr.fit.ta.ontology.URLContent.URLContent (
    IRI iri )
```

12.69.3 Member Function Documentation

12.69.3.1 addToModel()

```
void cz.vutbr.fit.ta.ontology.URLContent.addToModel (
    TargetModel target )
```

12.69.3.2 getClassIRI()

```
IRI cz.vutbr.fit.ta.ontology.URLContent.getClassIRI ( )
```

12.69.3.3 getLinksResource()

```
WebResource cz.vutbr.fit.ta.ontology.URLContent.getLinksResource ( )
```

12.69.3.4 getText()

```
String cz.vutbr.fit.ta.ontology.URLContent.getText ( )
```

12.69.3.5 loadFromModel()

```
void cz.vutbr.fit.ta.ontology.URLContent.loadFromModel (
    Model model,
    EntityFactory efactory )
```


12.69.3.6 setLinksResource()

```
void cz.vutbr.fit.ta.ontology.URLContent.setLinksResource (
    WebResource linksResource )
```

12.69.3.7 setText()

```
void cz.vutbr.fit.ta.ontology.URLContent.setText (
    String text )
```

12.69.4 Member Data Documentation

12.69.4.1 CLASS_IRI

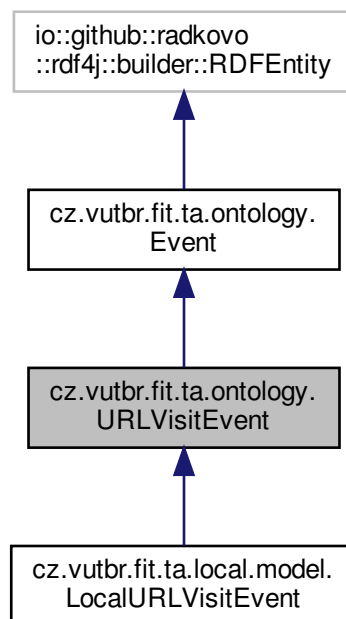
```
final IRI cz.vutbr.fit.ta.ontology.URLContent.CLASS_IRI = vf.createIRI ("http://nesfit.github.io/ontology/ta.owl#URLContent") [static]
```

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

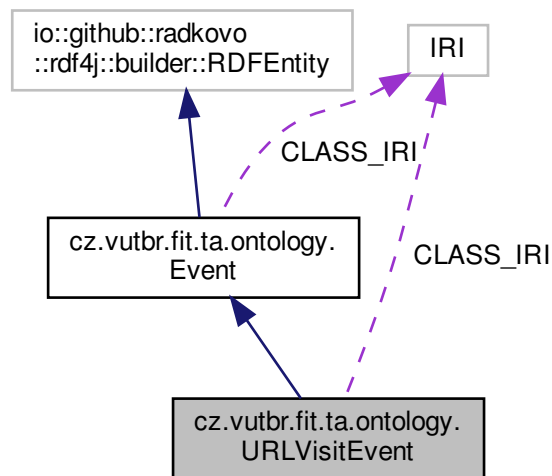
- [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/URLContent.java](#)

12.70 cz.vutbr.fit.ta.ontology.URLVisitEvent Class Reference

Inheritance diagram for cz.vutbr.fit.ta.ontology.URLVisitEvent:



Collaboration diagram for `cz.vutbr.fit.ta.ontology.URLVisitEvent`:



Public Member Functions

- [URLVisitEvent](#) (IRI iri)
- IRI [getClassIRI](#) ()
- void [addToModel](#) (TargetModel target)
- void [loadFromModel](#) (Model model, EntityFactory efactory)

Static Public Attributes

- static final IRI [CLASS_IRI](#) = `vf.createIRI("http://nesfit.github.io/ontology/ta.owl#URLVisitEvent")`

12.70.1 Detailed Description

visited URL.

An event of a URL visit.

IRI:

```
<http://nesfit.github.io/ontology/ta.owl#URLVisitEvent>
```

12.70.2 Constructor & Destructor Documentation

12.70.2.1 URLVisitEvent()

```
cz.vutbr.fit.ta.ontology.URLVisitEvent.URLVisitEvent (
    IRI iri )
```

12.70.3 Member Function Documentation

12.70.3.1 addToModel()

```
void cz.vutbr.fit.ta.ontology.URLVisitEvent.addToModel (
    TargetModel target )
```

12.70.3.2 getClassIRI()

```
IRI cz.vutbr.fit.ta.ontology.URLVisitEvent.getClassIRI ( )
```

12.70.3.3 loadFromModel()

```
void cz.vutbr.fit.ta.ontology.URLVisitEvent.loadFromModel (
    Model model,
    EntityFactory efactory )
```

12.70.4 Member Data Documentation

12.70.4.1 CLASS_IRI

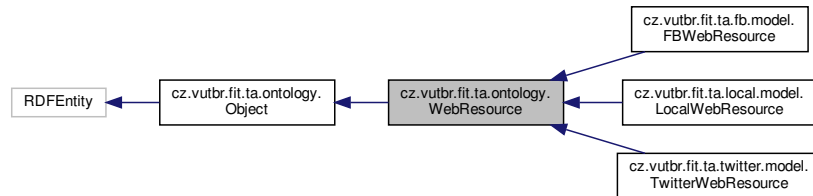
```
final IRI cz.vutbr.fit.ta.ontology.URLVisitEvent.CLASS_IRI = vf.createIRI("http://nesfit.↔
github.io/ontology/ta.owl#URLVisitEvent") [static]
```

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

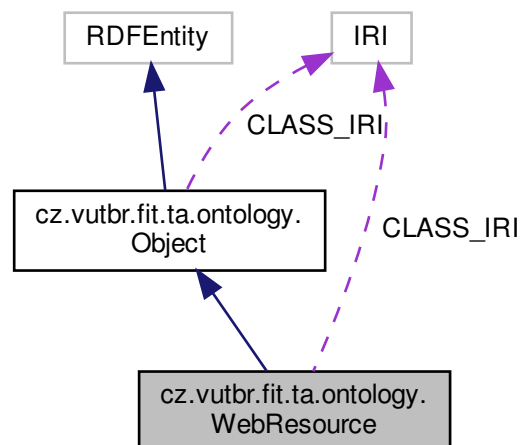
- /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/[URLVisitEvent.java](#)

12.71 cz.vutbr.fit.ta.ontology.WebResource Class Reference

Inheritance diagram for cz.vutbr.fit.ta.ontology.WebResource:



Collaboration diagram for cz.vutbr.fit.ta.ontology.WebResource:



Public Member Functions

- [WebResource](#) (IRI iri)
- IRI [getClassIRI](#) ()
- String [getSourceUrl](#) ()
- void [setSourceUrl](#) (String sourceUrl)
- String [getResourceTitle](#) ()
- void [setResourceTitle](#) (String resourceTitle)
- Set< [Image](#) > [getImages](#) ()
- void [addImage](#) ([Image](#) image)
- void [addToModel](#) ([TargetModel](#) target)
- void [loadFromModel](#) ([Model](#) model, [EntityFactory](#) efactory)

Static Public Attributes

- static final IRI `CLASS_IRI` = `vf.createIRI("http://nesfit.github.io/ontology/ta.owl#WebResource")`

12.71.1 Detailed Description

A web resource with a URL.

IRI:

```
<http://nesfit.github.io/ontology/ta.owl#WebResource>
```

12.71.2 Constructor & Destructor Documentation

12.71.2.1 WebResource()

```
cz.vutbr.fit.ta.ontology.WebResource.WebResource (
    IRI iri )
```

12.71.3 Member Function Documentation

12.71.3.1 addImage()

```
void cz.vutbr.fit.ta.ontology.WebResource.addImage (
    Image image )
```

12.71.3.2 addToModel()

```
void cz.vutbr.fit.ta.ontology.WebResource.addToModel (
    TargetModel target )
```

12.71.3.3 getClassIRI()

```
IRI cz.vutbr.fit.ta.ontology.WebResource.getClassIRI ( )
```

12.71.3.4 getImages()

```
Set<Image> cz.vutbr.fit.ta.ontology.WebResource.getImages ( )
```

12.71.3.5 getResourceTitle()

```
String cz.vutbr.fit.ta.ontology.WebResource.getResourceTitle ( )
```

12.71.3.6 getSourceUrl()

```
String cz.vutbr.fit.ta.ontology.WebResource.getSourceUrl ( )
```

12.71.3.7 loadFromModel()

```
void cz.vutbr.fit.ta.ontology.WebResource.loadFromModel (
    Model model,
    EntityFactory efactory )
```

12.71.3.8 setResourceTitle()

```
void cz.vutbr.fit.ta.ontology.WebResource.setResourceTitle (
    String resourceTitle )
```

12.71.3.9 setSourceUrl()

```
void cz.vutbr.fit.ta.ontology.WebResource.setSourceUrl (
    String sourceUrl )
```

12.71.4 Member Data Documentation

12.71.4.1 CLASS_IRI

```
final IRI cz.vutbr.fit.ta.ontology.WebResource.CLASS_IRI = vf.createIRI("http://nesfit.↵
github.io/ontology/ta.owl#WebResource") [static]
```

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

- /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/Web↵
Resource.java

Chapter 13

File Documentation

13.1 [/home/burgetr/tmp/doxy/timeline-analyzer/README.md](#) File Reference

13.2 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/README.md](#) File Reference

13.3 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/README.md](#) File Reference

13.4 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/README.md](#) File Reference

13.5 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/README.md](#) File Reference

13.6 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-storage-halyard/README.md](#) File Reference

13.7 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/core/DownloadTool.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.core.DownloadTool](#)

Packages

- package [cz.vutbr.fit.ta.core](#)

13.8 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/core/RDFConnector.java](#) File Reference

Classes

- interface [cz.vutbr.fit.ta.core.RDFConnector](#)

Packages

- package [cz.vutbr.fit.ta.core](#)

13.9 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/core/RDFConnectorBase.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.core.RDFConnectorBase](#)

Packages

- package [cz.vutbr.fit.ta.core](#)

13.10 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/core/RDFConnectorRDF4J.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.core.RDFConnectorRDF4J](#)

Packages

- package [cz.vutbr.fit.ta.core](#)

13.11 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/core/RDFConnectorRemote.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.core.RDFConnectorRemote](#)

- package [cz.vutbr.fit.ta.core](#)

13.12 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/core/

ResourceFactory.java File Reference

Classes

- class [cz.vutbr.fit.ta.core.ResourceFactory](#)

Packages

- package [cz.vutbr.fit.ta.core](#)

13.13 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/core/

TimelineSource.java File Reference

Classes

- class [cz.vutbr.fit.ta.core.TimelineSource](#)

Packages

- package [cz.vutbr.fit.ta.core](#)

13.14 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontol

Content.java File Reference

Classes

- class [cz.vutbr.fit.ta.ontology.Content](#)

Packages

- package [cz.vutbr.fit.ta.ontology](#)

13.15 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontol

CreationEvent.java File Reference

Classes

- class [cz.vutbr.fit.ta.ontology.CreationEvent](#)

Packages

- package [cz.vutbr.fit.ta.ontology](#)

13.16 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/Entry.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.ontology.Entry](#)

Packages

- package [cz.vutbr.fit.ta.ontology](#)

13.17 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/Event.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.ontology.Event](#)

Packages

- package [cz.vutbr.fit.ta.ontology](#)

13.18 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/FileDownloadEvent.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.ontology.FileDownloadEvent](#)

Packages

- package [cz.vutbr.fit.ta.ontology](#)

13.19 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/GeoContent.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.ontology.GeoContent](#)

Packages

- package [cz.vutbr.fit.ta.ontology](#)

13.20 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/Image.java File Reference

Classes

- class [cz.vutbr.fit.ta.ontology.Image](#)

Packages

- package [cz.vutbr.fit.ta.ontology](#)

13.21 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/LocalFile.java File Reference

Classes

- class [cz.vutbr.fit.ta.ontology.LocalFile](#)

Packages

- package [cz.vutbr.fit.ta.ontology](#)

13.22 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/Object.java File Reference

Classes

- class [cz.vutbr.fit.ta.ontology.Object](#)

Packages

- package [cz.vutbr.fit.ta.ontology](#)

13.23 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/SocialNetworkObject.java File Reference

Classes

- class [cz.vutbr.fit.ta.ontology.SocialNetworkObject](#)

Packages

- package [cz.vutbr.fit.ta.ontology](#)

13.24 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/TAFactory.java](#) File Reference

Classes

- interface [cz.vutbr.fit.ta.ontology.TAFactory](#)

Packages

- package [cz.vutbr.fit.ta.ontology](#)

13.25 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/TextContent.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.ontology.TextContent](#)

Packages

- package [cz.vutbr.fit.ta.ontology](#)

13.26 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/Timeline.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.ontology.Timeline](#)

Packages

- package [cz.vutbr.fit.ta.ontology](#)

13.27 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/URLContent.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.ontology.URLContent](#)

Packages

- package [cz.vutbr.fit.ta.ontology](#)

13.28 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/URLVisitEvent.java File Reference

Classes

- class [cz.vutbr.fit.ta.ontology.URLVisitEvent](#)

Packages

- package [cz.vutbr.fit.ta.ontology](#)

13.29 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/TA.java File Reference

Classes

- class [cz.vutbr.fit.ta.ontology.vocabulary.TA](#)

Packages

- package [cz.vutbr.fit.ta.ontology.vocabulary](#)

13.30 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/main/java/cz/vutbr/fit/ta/ontology/WebResource.java File Reference

Classes

- class [cz.vutbr.fit.ta.ontology.WebResource](#)

Packages

- package [cz.vutbr.fit.ta.ontology](#)

13.31 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-core/src/test/java/cz/vutbr/fit/ta/core/AppTest.java File Reference

Classes

- class [cz.vutbr.fit.ta.core.AppTest](#)

Packages

- package [cz.vutbr.fit.ta.core](#)

13.32 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/](#)↔ DownloadFB.java File Reference

Classes

- class [cz.vutbr.fit.ta.fb.DownloadFB](#)

Packages

- package [cz.vutbr.fit.ta.fb](#)

13.33 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/](#)↔ FBSource.java File Reference

Classes

- class [cz.vutbr.fit.ta.fb.FBSource](#)

Packages

- package [cz.vutbr.fit.ta.fb](#)

13.34 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/mod](#) FBCreationEvent.java File Reference

Classes

- class [cz.vutbr.fit.ta.fb.model.FBCreationEvent](#)

Packages

- package [cz.vutbr.fit.ta.fb.model](#)

13.35 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/mod](#) FBEntityFactory.java File Reference

Classes

- class [cz.vutbr.fit.ta.fb.model.FBEntityFactory](#)

Packages

- package [cz.vutbr.fit.ta.fb.model](#)

13.36 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/model/FBEntry.java File Reference

Classes

- class [cz.vutbr.fit.ta.fb.model.FBEntry](#)

Packages

- package [cz.vutbr.fit.ta.fb.model](#)

13.37 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/model/FBGeoContent.java File Reference

Classes

- class [cz.vutbr.fit.ta.fb.model.FBGeoContent](#)

Packages

- package [cz.vutbr.fit.ta.fb.model](#)

13.38 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/model/FBImage.java File Reference

Classes

- class [cz.vutbr.fit.ta.fb.model.FBImage](#)

Packages

- package [cz.vutbr.fit.ta.fb.model](#)

13.39 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/model/FBTextContent.java File Reference

Classes

- class [cz.vutbr.fit.ta.fb.model.FBTextContent](#)

Packages

- package [cz.vutbr.fit.ta.fb.model](#)

13.40 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/model/FBTimeline.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.fb.model.FBTimeline](#)

Packages

- package [cz.vutbr.fit.ta.fb.model](#)

13.41 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/model/FBURLContent.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.fb.model.FBURLContent](#)

Packages

- package [cz.vutbr.fit.ta.fb.model](#)

13.42 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/model/FBWebResource.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.fb.model.FBWebResource](#)

Packages

- package [cz.vutbr.fit.ta.fb.model](#)

13.43 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-fb/src/main/java/cz/vutbr/fit/ta/fb/model/TAFacebookClient.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.fb.TAFacebookClient](#)

Packages

- package [cz.vutbr.fit.ta.fb](#)

13.44 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/↔ Browser.java File Reference

Classes

- class [cz.vutbr.fit.ta.local.Browser](#)

Packages

- package [cz.vutbr.fit.ta.local](#)

13.45 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/↔ Cookie.java File Reference

Classes

- class [cz.vutbr.fit.ta.local.Cookie](#)

Packages

- package [cz.vutbr.fit.ta.local](#)

13.46 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/↔ DecodeProfiles.java File Reference

Classes

- class [cz.vutbr.fit.ta.local.DecodeProfiles](#)

Packages

- package [cz.vutbr.fit.ta.local](#)

13.47 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/↔ FirefoxBrowser.java File Reference

Classes

- class [cz.vutbr.fit.ta.local.FirefoxBrowser](#)

Packages

- package [cz.vutbr.fit.ta.local](#)

13.48 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/ FirefoxProfile.java File Reference

Classes

- class [cz.vutbr.fit.ta.local.FirefoxProfile](#)
- class **cz.vutbr.fit.ta.local.FirefoxProfile.Place**

Packages

- package [cz.vutbr.fit.ta.local](#)

13.49 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/ HistoryItem.java File Reference

Classes

- class [cz.vutbr.fit.ta.local.HistoryItem](#)
- enum [cz.vutbr.fit.ta.local.HistoryItem.Type](#)

Packages

- package [cz.vutbr.fit.ta.local](#)

13.50 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/ LocalProfileSource.java File Reference

Classes

- class [cz.vutbr.fit.ta.local.LocalProfileSource](#)

Packages

- package [cz.vutbr.fit.ta.local](#)

13.51 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/model/LocalEntityFactory.java File Reference

Classes

- class [cz.vutbr.fit.ta.local.model.LocalEntityFactory](#)

Packages

- package [cz.vutbr.fit.ta.local.model](#)

13.52 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/model/LocalFileDownloadEvent.java File Reference

Classes

- class [cz.vutbr.fit.ta.local.model.LocalFileDownloadEvent](#)

Packages

- package [cz.vutbr.fit.ta.local.model](#)

13.53 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/model/LocalImage.java File Reference

Classes

- class [cz.vutbr.fit.ta.local.model.LocalImage](#)

Packages

- package [cz.vutbr.fit.ta.local.model](#)

13.54 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/model/LocalLocalFile.java File Reference

Classes

- class [cz.vutbr.fit.ta.local.model.LocalLocalFile](#)

Packages

- package [cz.vutbr.fit.ta.local.model](#)

13.55 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/LocalTextContent.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.local.model.LocalTextContent](#)

Packages

- package [cz.vutbr.fit.ta.local.model](#)

13.56 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/LocalTimeline.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.local.model.LocalTimeline](#)

Packages

- package [cz.vutbr.fit.ta.local.model](#)

13.57 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/LocalURLContent.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.local.model.LocalURLContent](#)

Packages

- package [cz.vutbr.fit.ta.local.model](#)

13.58 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/LocalURLVisitEvent.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.local.model.LocalURLVisitEvent](#)

Packages

- package [cz.vutbr.fit.ta.local.model](#)

13.59 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/model/LocalWebResource.java File Reference

Classes

- class [cz.vutbr.fit.ta.local.model.LocalWebResource](#)

Packages

- package [cz.vutbr.fit.ta.local.model](#)

13.60 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/model/OS.java File Reference

Classes

- class [cz.vutbr.fit.ta.local.OS](#)

Packages

- package [cz.vutbr.fit.ta.local](#)

13.61 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/model/Profile.java File Reference

Classes

- class [cz.vutbr.fit.ta.local.Profile](#)

Packages

- package [cz.vutbr.fit.ta.local](#)

13.62 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/model/SqlItemFactory.java File Reference

Classes

- interface [cz.vutbr.fit.ta.local.sql.SqlItemFactory< T >](#)

Packages

- package [cz.vutbr.fit.ta.local.sql](#)

13.63 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-local/src/main/java/cz/vutbr/fit/ta/local/sql/SqliteReader.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.local.sql.SqliteReader< T >](#)

Packages

- package [cz.vutbr.fit.ta.local.sql](#)

13.64 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/twitter/DownloadTwitter.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.twitter.DownloadTwitter](#)

Packages

- package [cz.vutbr.fit.ta.twitter](#)

13.65 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/twitter/model/TwitterCreationEvent.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.twitter.model.TwitterCreationEvent](#)

Packages

- package [cz.vutbr.fit.ta.twitter.model](#)

13.66 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/twitter/model/TwitterEntityFactory.java](#) File Reference

Classes

- class [cz.vutbr.fit.ta.twitter.model.TwitterEntityFactory](#)

Packages

- package [cz.vutbr.fit.ta.twitter.model](#)

13.67 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/tw TwitterEntry.java File Reference

Classes

- class [cz.vutbr.fit.ta.twitter.model.TwitterEntry](#)

Packages

- package [cz.vutbr.fit.ta.twitter.model](#)

13.68 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/tw TwitterGeoContent.java File Reference

Classes

- class [cz.vutbr.fit.ta.twitter.model.TwitterGeoContent](#)

Packages

- package [cz.vutbr.fit.ta.twitter.model](#)

13.69 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/tw TwitterImage.java File Reference

Classes

- class [cz.vutbr.fit.ta.twitter.model.TwitterImage](#)

Packages

- package [cz.vutbr.fit.ta.twitter.model](#)

13.70 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/tw TwitterTextContent.java File Reference

Classes

- class [cz.vutbr.fit.ta.twitter.model.TwitterTextContent](#)

Packages

- package [cz.vutbr.fit.ta.twitter.model](#)

13.71 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/tw](#) TwitterTimeline.java File Reference

Classes

- class [cz.vutbr.fit.ta.twitter.model.TwitterTimeline](#)

Packages

- package [cz.vutbr.fit.ta.twitter.model](#)

13.72 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/tw](#) TwitterURLContent.java File Reference

Classes

- class [cz.vutbr.fit.ta.twitter.model.TwitterURLContent](#)

Packages

- package [cz.vutbr.fit.ta.twitter.model](#)

13.73 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/tw](#) TwitterWebResource.java File Reference

Classes

- class [cz.vutbr.fit.ta.twitter.model.TwitterWebResource](#)

Packages

- package [cz.vutbr.fit.ta.twitter.model](#)

13.74 [/home/burgetr/tmp/doxy/timeline-analyzer/timeline-analyzer-twitter/src/main/java/cz/vutbr/fit/ta/tw](#) TwitterSource.java File Reference

Classes

- class [cz.vutbr.fit.ta.twitter.TwitterSource](#)

Packages

- package [cz.vutbr.fit.ta.twitter](#)

13.75 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-storage-halyard/src/main/java/cz/vutbr/fit/ta/halyard/HalyardTest.java File Reference

Classes

- class [cz.vutbr.fit.ta.halyard.HalyardTest](#)

Packages

- package [cz.vutbr.fit.ta.halyard](#)

13.76 /home/burgetr/tmp/doxy/timeline-analyzer/timeline-storage-halyard/src/main/java/cz/vutbr/fit/ta/halyard/RDFConnectorHalyard.java File Reference

Classes

- class [cz.vutbr.fit.ta.halyard.RDFConnectorHalyard](#)

Packages

- package [cz.vutbr.fit.ta.halyard](#)

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