

Table Of Content

org.w3c.dom	2
Controler	2
Controler.Event	3
EventHandler	4
EventHandler.Event	5
EventHandler.Event2	6
Model	6
View	9
Index	11

Package org.w3c.dom

Class Summary

[Controler](#)

The Class Controler.

[Controler.Event](#)

A sub-class so stuff happens when the user click the button.

[EventHandler](#)

The Class EventHandler.

[EventHandler.Event](#)

The Class Event.

[EventHandler.Event2](#)

The Class Event2.

[Model](#)

Class Model Handles all the data from an XML-file.

[View](#)

Class for the GUI window.

org.w3c.dom

Class Controller

```
java.lang.Object
|
+--org.w3c.dom.Controller
```

< [Fields](#) > < [Constructors](#) > < [Methods](#) >

```
public class Controller
extends java.lang.Object
```

The Class Controler.

Fields

event

```
public Controler.Event event
    The event.
```

Constructors

Controler

```
public Controler()
```

Class for controlling data flow.

Methods

main

```
public static void main(java.lang.String[] args)
```

main method to start the program.

Parameters:

args - the arguments

org.w3c.dom

Class Controler.Event

```
java.lang.Object
|
+--org.w3c.dom.Controler.Event
```

All Implemented Interfaces:

java.awt.event.ActionListener

< [Constructors](#) > < [Methods](#) >

```
public class Controler.Event
extends java.lang.Object
implements java.awt.event.ActionListener
```

A sub-class so stuff happens when the user click the button.

Constructors

Controler.Event

```
public Controler.Event()
```

Instantiates a new event.

Methods

actionPerformed

```
public void actionPerformed(java.awt.event.ActionEvent e)
```

Method to update the weather when the button is pressed.

Parameters:

e - the e

org.w3c.dom

Class EventHandler

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Frame
|               |
|               +-- javax.swing.JFrame
|                   |
|                   +-- org.w3c.dom.EventHandler
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler, javax.swing.WindowConstants

< [Constructors](#) > < [Methods](#) >

```
public class EventHandler
extends javax.swing.JFrame
```

The Class EventHandler.

Constructors

EventHandler

```
public EventHandler()
```

Instantiates a new event handler.

Methods

main

```
public static void main(java.lang.String[] args)
```

The main method.

Parameters:

args - the arguments

org.w3c.dom

Class EventHandler.Event

```
java.lang.Object
|
+--org.w3c.dom.EventHandler.Event
```

All Implemented Interfaces:

java.awt.event.ActionListener

< [Constructors](#) > < [Methods](#) >

```
public class EventHandler.Event
extends java.lang.Object
implements java.awt.event.ActionListener
```

The Class Event.

Constructors

EventHandler.Event

```
public EventHandler.Event()
```

Methods

actionPerformed

```
public void actionPerformed(java.awt.event.ActionEvent e)
```

org.w3c.dom

Class EventHandler.Event2

```
java.lang.Object
|
+--org.w3c.dom.EventHandler.Event2
```

All Implemented Interfaces:

java.awt.event.ActionListener

< [Constructors](#) > < [Methods](#) >

```
public class EventHandler.Event2
extends java.lang.Object
implements java.awt.event.ActionListener
```

The Class Event2.

Constructors

EventHandler.Event2

```
public EventHandler.Event2()
```

Methods

actionPerformed

```
public void actionPerformed(java.awt.event.ActionEvent ev)
```

org.w3c.dom

Class Model

```
java.lang.Object
|
+--org.w3c.dom.Model
```

< [Fields](#) > < [Constructors](#) > < [Methods](#) >

```
public class Model
extends java.lang.Object
```

Class Model Handles all the data from an XML-file.

Fields

altArr

```
public static java.lang.String[] altArr
```

The alt arr.

cacheDestroyer

```
public static java.lang.String cacheDestroyer
```

The cache destroyer.

cityArr

```
public static java.lang.String[] cityArr
```

String arrays to sort out the data from places.xml

expirationArr

```
public static java.lang.String[] expirationArr
```

The expiration arr.

expiredArr

```
public static boolean[] expiredArr
```

Array is each cache is expired.

latArr

```
public static java.lang.String[] latArr
```

The lat arr.

longArr

```
public static java.lang.String[] longArr
```

The long arr.

timeLeft

```
public static long[] timeLeft
```

The time left.

timeToLive

```
public static long[] timeToLive
```

Arrays to handle when each cache will be renewed.

Constructors

Model

```
public Model()
```

Methods

GetLocation

```
public static void GetLocation()
```

Method for getting locations for the GUI so the user can choose from a list.

IsExpired

```
public static void IsExpired(int index)
```

Method to check if a chosen cache is out of date.

Parameters:

index - the index

UpdateWeather

```
public static java.lang.String UpdateWeather(java.lang.String filename,  
                                              int index,  
                                              java.lang.String selectedTime)
```

Method to update the weather at given location and time.

Parameters:

filename - the filename

index - the index

selectedTime - the selected time

Returns:

String, a string that is used for showing the user the current weather at the location

Class View

```
java.lang.Object
|
+-- java.awt.Component
|   |
|   +-- java.awt.Container
|       |
|       +-- java.awt.Window
|           |
|           +-- java.awt.Frame
|               |
|               +-- javax.swing.JFrame
|                   |
|                   +-- org.w3c.dom.View
```

All Implemented Interfaces:

java.awt.MenuContainer, java.awt.image.ImageObserver, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer,
javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.WindowConstants

< [Fields](#) > < [Constructors](#) >

```
public class View
extends javax.swing.JFrame
```

Class for the GUI window.

Author:

ponste-5-local

Fields

boxIndex

```
public static int boxIndex
    The box index.
```

citybox

```
public static javax.swing.JComboBox citybox
    The citybox.
```

panel

```
public javax.swing.JPanel panel
    The panel.
```

timeBox

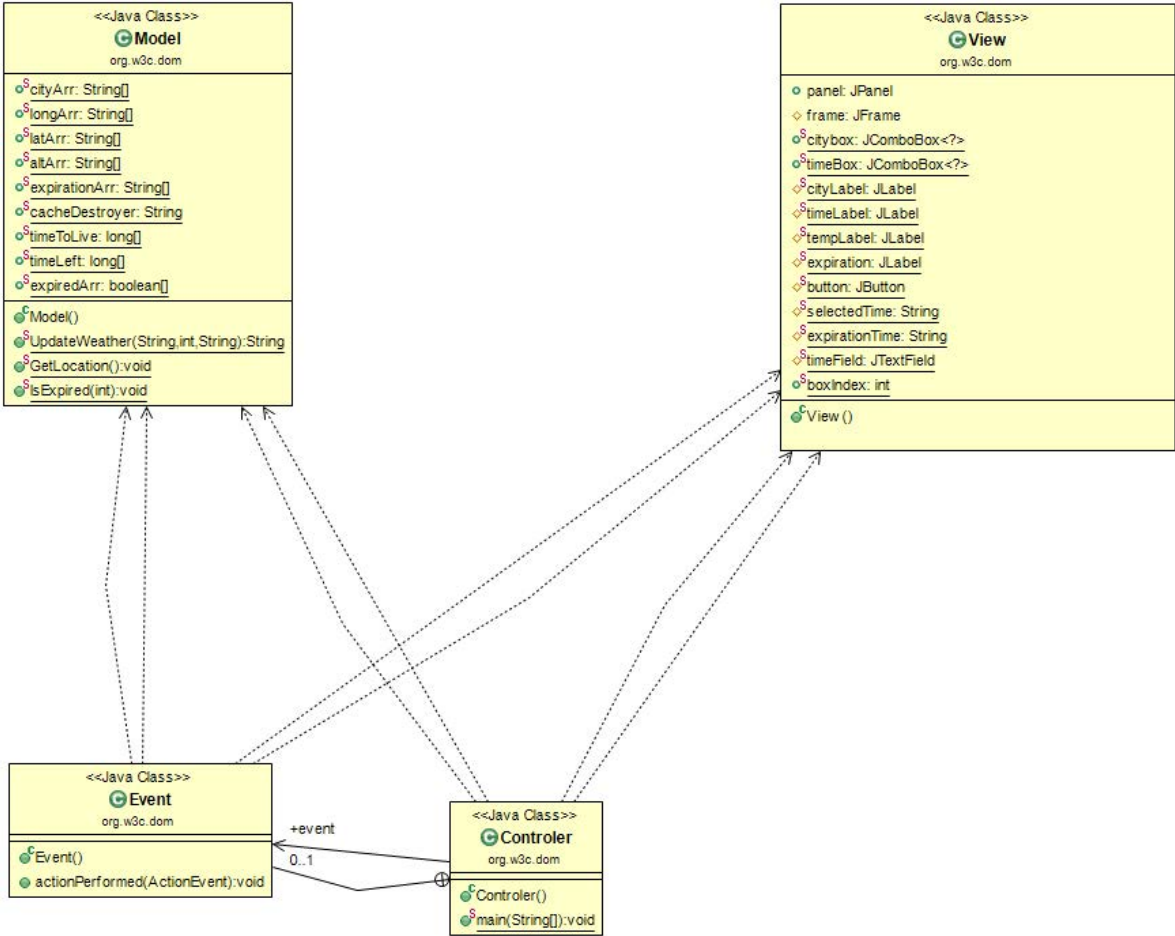
```
public static javax.swing.JComboBox timeBox
    The time box.
```

Constructors

View

```
public View()
    Contructor for View Sets values to the different GUI elements.
```

Class Diagram



INDEX

A

[actionPerformed](#) ... 4
[actionPerformed](#) ... 5
[actionPerformed](#) ... 6
[altArr](#) ... 7

B

[boxIndex](#) ... 9

C

[cacheDestroyer](#) ... 7
[cityArr](#) ... 7
[citybox](#) ... 9
[Controler](#) ... 2
[Controler](#) ... 3
[Controler.Event](#) ... 3
[Controler.Event](#) ... 3

E

[event](#) ... 2
[expirationArr](#) ... 7
[expiredArr](#) ... 7
[EventHandler](#) ... 4
[EventHandler](#) ... 4
[EventHandler.Event](#) ... 5
[EventHandler.Event](#) ... 5
[EventHandler.Event2](#) ... 6
[EventHandler.Event2](#) ... 6

G

[GetLocation](#) ... 8

I

[IsExpired](#) ... 8

L

[latArr](#) ... 7
[longArr](#) ... 7

M

[main](#) ... 3
[main](#) ... 5
[Model](#) ... 6
[Model](#) ... 8

P

[panel](#) ... 9

T

[timeBox](#) ... 10
[timeLeft](#) ... 7
[timeToLive](#) ... 8

U

[UpdateWeather](#) ... 8

V

[View](#) ... 9
[View](#) ... 10