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JavaFX workshop Create a clock

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Fontys University of Applied Science Venlo

18. November 2015

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You need the following

To download

- NetBeans 8.1
- JavaFX Scene Builder 2.0
- JDK 1.8

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Integrate Scene Builder 2.0 into NetBeans

Windows

Tools/Options/Java/JavaFX/

Mac OS X

NetBeans/Preferences/Java/JavaFX/

Linux

NetBeans/Tools/Options/Java/JavaFX/

Explanation

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Fronte

Create a new project in NetBeans.

Project informations

Projecttyp: Java FX FXML Application

Name: JavaFXClock FXML name: Clock

Package structure

javafxclock/controller javafxclock/model javafxclock/style javafxclock/util javafxclock/view

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explanation

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Explanations

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tyle your FXML View. Use the css file to make color changes to your view.

Hint

Use the -fx-prefix in your css file. You can use classes and ids

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Use the -fx-prefix in your css file. You can use classes and ids.

Explanation

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Frontend View

Α

dd a function that shows how often the button was clicked. Set the label text to that number.

Hint

use the ButtonAction function to alter the text of the label.

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Task 3

Convert the amount clicked to a SimpleIntegerPropterty.Bind the label text to that Property.

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Hint

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Task 4

Change the integers in the 'TimeUnit' class to Properties. Bind them to the labels.

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Task 4

Change the integers in the 'TimeUnit' class to Properties. Bind them to the labels.

Hint

Explanatio

Fronter View 4 HBox3 Butto

Button: Start/Stop — startStopToggleButtor

Button: Alarm — alarmToggleButton

6 Button: Sync — syncButton

A label: for time — timel abel

6 Button: Add Hour — addHourButton

O Button: Minus Hour — minusHourButton

8 Button: Add Minute — addMinuteButton

9 Button: Minus Minute — minusMinuteButton

Button: Add Second — addSecondButtor

Explanatio

Fronter View 4 HBoxButto

3 Button: Start/Stop — startStopToggleButton

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Frontend View 1 Label: for time — timeLabel

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