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JavaFX workshop
Create a clock

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Fontys University of Applied Science Venlo

30. November 2015

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- NetBeans 8.1
- JavaFX Scene Builder 2.0
- JDK 1.8
- Joda-Time v 2.9

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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/

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Create the Project

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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javafxclock/view

explanation

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Tasks 1

S

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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Tasks 2

A

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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Tasks 3

Task 3

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

Hint

See this (TODO) example to see an example of properties

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Convert the amount clicked to a SimpleIntegerPropterty.Bind
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Tasks 3

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

Hint
See this (TODO) example to see an example of properties

Task 4

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

Hint

See this (TODO) example to see an example of properties

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Tasks 4

Task 4

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

Hint

See this (TODO) example to see an example of properties

Tasks 4

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Task 4
Change the integers in the 'TimeUnit' class to Properties. Bind them to the labels.
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See this (TODO) example to see an example of properties

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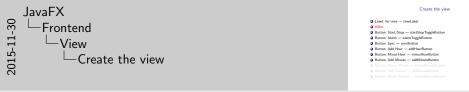6. Button: Add Hour — addHourButton
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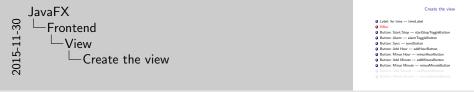6. Button: Add Hour — addHourButton
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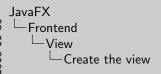5. Button: Sync — syncButton
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