

JavaFX workshop

Create a clock

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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/

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

explanation

Tasks 1

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style 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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Create the view

- 1 Label: for time — `timeLabel`
- 2 `HBox`
- 3 Button: Start/Stop — `startStopToggleButton`
- 4 Button: Alarm — `alarmToggleButton`
- 5 Button: Sync — `syncButton`
- 6 Button: Add Hour — `addHourButton`
- 7 Button: Minus Hour — `minusHourButton`
- 8 Button: Add Minute — `addMinuteButton`
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