Model::Main

SimpleClock
(from JavaReverse)

-frame: JFrame
-timer: Timer
~lblHour: JLabel
~lblMinute: JLabel
~lblSeconds: JLabel
-hcounter: int
-mcounter: int
-scounter: int
~btnChangeMode: JButton
~btnCancel: JButton
~plusButton: JButton
~minusButton: JButton

+main(args: String[*]): void
«   ≫SimpleClock()
-initialize(): void
+setState(clockState: State): void
+increment(): void
+decrement(): void
+cancle(): void
+timeTicker(startTicker: boolean): void
+getDisplayTime(): State
+getSetHours(): State
+getSetMinutes(): State
+getSetSeconds(): State

~SetMinutes

~SetSeconds

~state

~SetHours

~DisplayTime

~myclock

~myclock

~myclock

State
(from JavaReverse)

+SetUIFeatures(): void
+increment(): void
+decrement(): void
+timeTicker(): void
+changeMode(): void
+cancel(): void

Timer

DisplayTime
(from JavaReverse)

-timer: Timer

«   ≫DisplayTime(myclock: SimpleClock)
+SetUIFeatures(): void
+increment(): void
+decrement(): void
+timeTicker(): void
+changeMode(): void
+cancel(): void

SetHours
(from JavaReverse)

«   ≫SetHours(myclock: SimpleClock)
+SetUIFeatures(): void
+increment(): void
+decrement(): void
+timeTicker(): void
+changeMode(): void
+cancel(): void

SetMinutes
(from JavaReverse)

«   ≫SetMinutes(myclock: SimpleClock)
+SetUIFeatures(): void
+increment(): void
+decrement(): void
+timeTicker(): void
+changeMode(): void
+cancel(): void

JavaReverse::Package Structure

DisplayTime
(from JavaReverse)

SetHours
(from JavaReverse)

State
(from JavaReverse)

SetMinutes
(from JavaReverse)

SetSeconds
(from JavaReverse)

ListenForButton
(from SimpleClock)

ListenforPlusButton
(from SimpleClock)

ActionListener
(from JavaReverse)

ListenForMinusButton
(from SimpleClock)

ListenForCancelButton
(from SimpleClock)

State

ActionListener

~DisplayTime

~SetHours

~SetMinutes

~SetSeconds

+timerAction

~myclock

~myclock

SimpleClock

~myclock

~myclock

DisplayTime

SetHours

SetMinutes

SetSeconds

ActionEvent

Timer

JFrame

JLabel

JButton