Model Main

Application

+start()

Initializable

+interface Realization

FileOpener

+volumeSlider: Slider
+timeSlider: Slider
+timeComplete: Label
+timeTotal: Label
+mediaView: MediaView
+mediaPlayer: MediaPlayer
+file: File
+m: Media
+pp: PlayPause
+rp: Replay
+sp: Speed

+FileOpener()
+handleButtonAction()

JumpTime

+timeSlider: Slider
+mediaPlayer: MediaPlayer

+JumpTime()
+setminValue()
+setmaxValue()
+setTimeSlidervalue()
+setMediaPlayer()
+addListener()

PlayPause

+play: Button
+mediaPlayer: MediaPlayer

+PlayPause()
+play()
+pause()

sample.fxml

Controller

+volumeSlider: Slider
+timeSlider: Slider
+timeComplete: Label
+timeTotal: Label
+filepath: String
+mediaView: MediaView
+mediaPlayer: MediaPlayer
+file: File
+m: Media
+pp: PlayPause
+rp: Replay
+st: Stop
+sp: Speed
+ex: Exit
+in: info
+vl: Volume

+initialize()
+info()
+playpause()
+stop()
+fast()
+slow()
+exit()
+vol()
+show()
+replay()
+handleButtonAction()

FormatTime

+elapsed: Duration
+duration: Duration

+formatTime()

Replay

+replay: Button
+jumpTime: JumpTime
+mediaPlayer: MediaPlayer

+Replay()
+replay()

Main

+flag: boolean

+start()
+main()

Exit

+exit: Button

+exit()

Info

+info: Button
+information: String
+file: File
+media: MediaPlayer

+info()

About

+about: Button

+show()

Media

Speed

+slow: Button
+fast: Button
+mediaPlayer: MediaPlayer

+Speed()
+slow()
+fast()

MediaPlayer

Volume

+vol: Slider
+mediaPlayer: MediaPlayer

+Volume()
+vol()

Stop

+stop: Button
+play: Button
+mediaPlayer: MediaPlayer
+timeComplete: Label

+Stop()
+stop()