

√ trains blockSpeed

 trainList selectedTrainmanualMode

 automaticMode normalMode

testingMode

testConsole

 blockInfoTitle brakePanel brakesTitle

 date - dateLabel

- editMenu

systemRunSpeedannoucementDropDown

annoucementLogsannouncementScrollPane

announcementsLabel

auto\_manGroup

automaticModeRadioButtonblockInfoPane

chooseAnnouncementLabel

clearAnnouncementsclearErrorLog

clearOperatingLog

dispatchedTrains

 errorLogScrollPane errorLogs errorLogsLabelhelpMenu

- jCheckBoxMenuItem1

jMenultem1 jMenultem2 jMenultem3

jMenultem4 jMenultem5

jMenultem6

- makeAnnouncementButton- manualModeRadioButton

- menuBar

modeSelectionTitle

normalModeRadioButton

normal\_testGroup

notificationsTitle

operatingLogs

- operatingLogsLabel - operatingLogsScrollPane - setKpAndKi

- speedController - speedControllerTitle - switchTrains

testingModeRadioButton

- time

- timeLabel

trainInfoPanel

trainInfoTitletrainSelectionTitle

uiSeparatorFive

uiSeparatorFouruiSeparatorOne

uiSeparatorSix

uiSeparatorThreeuiSeparatorTwo

utilitiesTitle

utilityPanelviewMenu

- vitals

+ TrainController() + TrainController() + TrainController() + TrainController()

+ getTrainInfoPane()
+ getSpeedController()
+ getPlayMode()
+ getTestMode()
+ getTrain()

+ main()

setMode()initHashMaps()

- setTrain() - setTrainList ComboBox()

- initComponents()

- jMenuItem1ActionPerformed()

jMenuItem4ActionPerformed()

annoucementDropDownAction

Performed()

- jComboBox1ActionPerformed()- jButton2ActionPerformed()

switchTrains()

setKpAndKi()viewVitals()

clearOperatingLogs()

- clearErrorLogs() - clearAnnouncements()

openDispatchedTrains()

- makeAnnouncement()

testModeSelected()normalModeSelected()

switchToAutoMode()switchToManualMode() - getTime()

- getDate() - NoTrainSelected() - refreshComponents()

- updateTime()