UML for src/com Package

JComponent.java

.......... Calender.java : LocalTime # STRART_TIME # END_TIME : LocalTime : int # MIN_WIDTH # MIN_HEIGHT : int # HEADER_HEIGHT : int # RIME_COL_WIDTH : int - FONT_LETTER_PIXEL_WIDTH : int events : ArrayList<CelendarEvent> timescale. : double dayWidth : double - g2. : Graphics2D + Calendar () + Calendar(ArrayList<CalendarEvent> events) + LocalTime roundTime(LocalTime time, int minutes) setupEventListeners() # dateInRange(LocalDate date) checkCalendarEventClick(Point p) checkCalendarEmptyClick(Point p) getDateFromDay(DayOfWeek day) + addCalendarEventClickListener(CalendarEventClickListener l) +removeCalendarEventClickListener(CalendarEventClickListener I) fireCalendarEventClick(CalendarEvent calendarEvent) + addCalendarEmptyClickListener(CalendarEmptyClickListener l) + removeCalendarEmptyClickListener(CalendarEmptyClickListener I) fireCalendarEmptyClick(LocalDateTime dateTime) calculateScaleVars() # numDaysToShow() # dayToPixel(DayOfWeek dayOfWeek) timeToPixel(LocalTime time) pixelToTime(double y) pixelToDay(double x) # paintComponent(Graphics g) # DayOfWeek getStartDay() # DayOfWeek getEndDay() drawDayHeadings() drawGrid() - drawTodayShade() - drawCurrentTimeLine() drawTimes() drawEvents() # getDayWidth() - setupTimer() # setRangeToToday() + addEvent(CalendarEvent event) + removeEvent(CalendarEvent event) + setEvents(ArrayList<CalendarEvent> events) + setFontSize(int size) + setFontType(String fonttype) WeekCalendar.java DayCalendar.java calDate : LocalDate DayCalendar(ArrayList<CalendarEvent> events) #. dateInRange(LocalDate date) getDateFromDay(DayOfWeek day) # numDaysToShow() # getStartDay() # setStart(LocalTime start) # getEndDay()

+ nextWeek()

getStartDay()

getEndDay()

week

Week.java

: ArrayList<LocalDate>

days

nextWeek()

prevWeek()

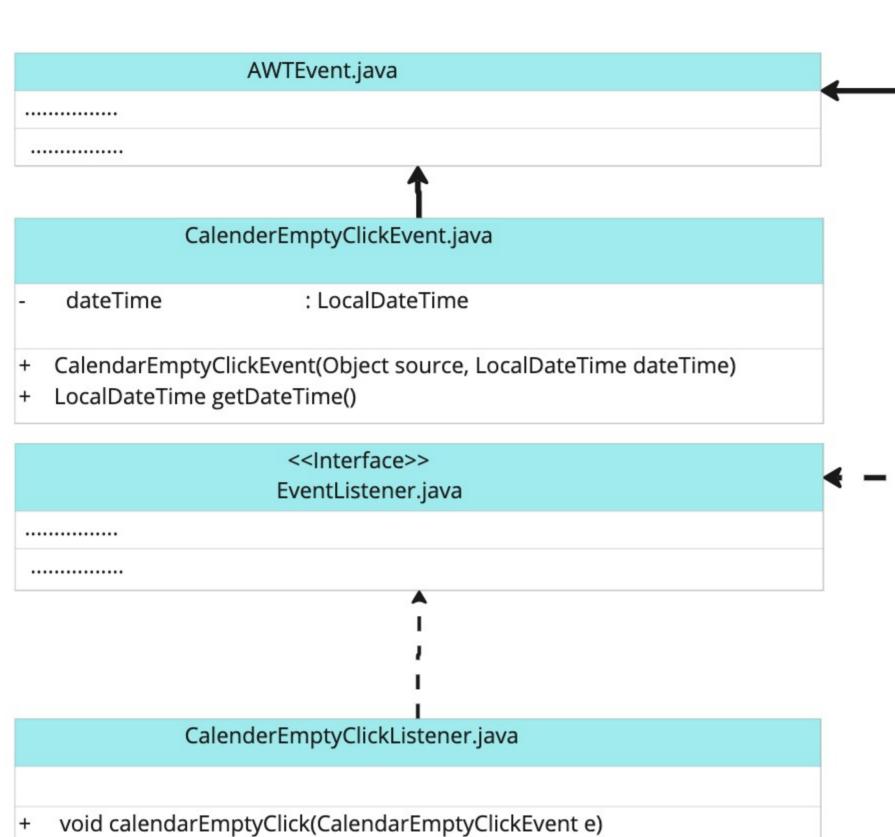
main(String[] args)

toString()

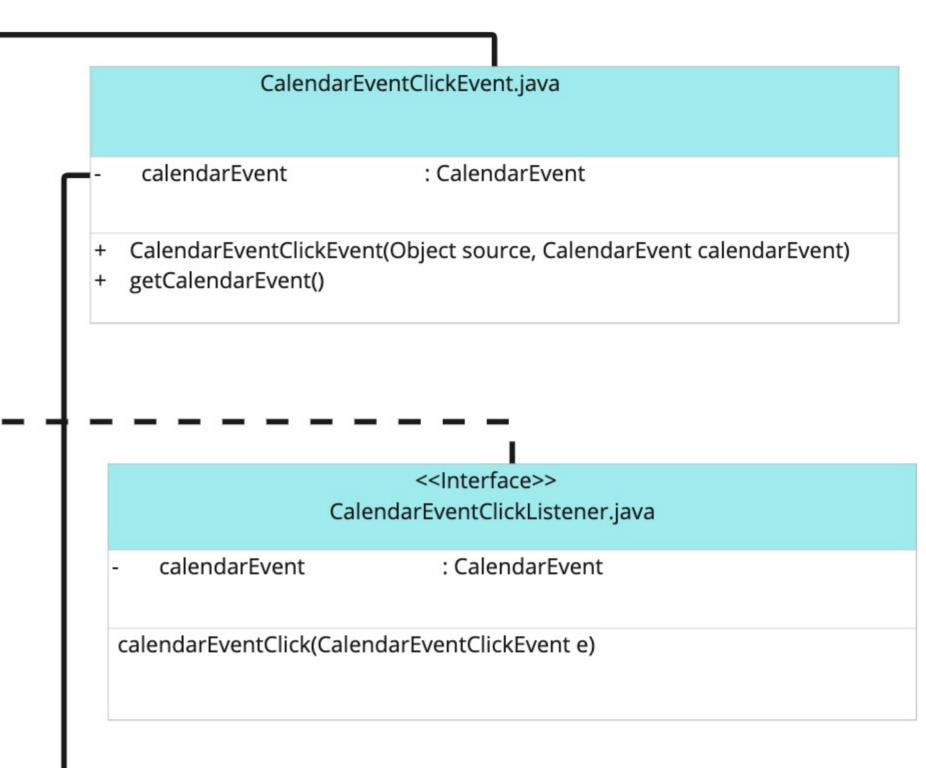
Week(LocalDate date)

getStartOfWeek(LocalDate date)

- prevWeek()
- + nextMonth()
- + prevMonth()



CalenderEvent.java - DEFAULT_COLOR : Color : LocalDate date : LocalTime start : LocalTime end : String : Color - color + CalendarEvent(LocalDate date, LocalTime start, LocalTime end, String text) + CalendarEvent(LocalDate date, LocalTime start, LocalTime end, String text, Color color) + getDate() + setDate(LocalDate date) + getStart() + setStart(LocalTime start) + getEnd() + setEnd(LocalTime end) + getText() + setText(String text) + toString() + getColor() + equals(Object o) + hashCode()



DayCalendarTest.java	

+ main(String[] args)

WeekCalendarTest.java

+ main(String[] args)