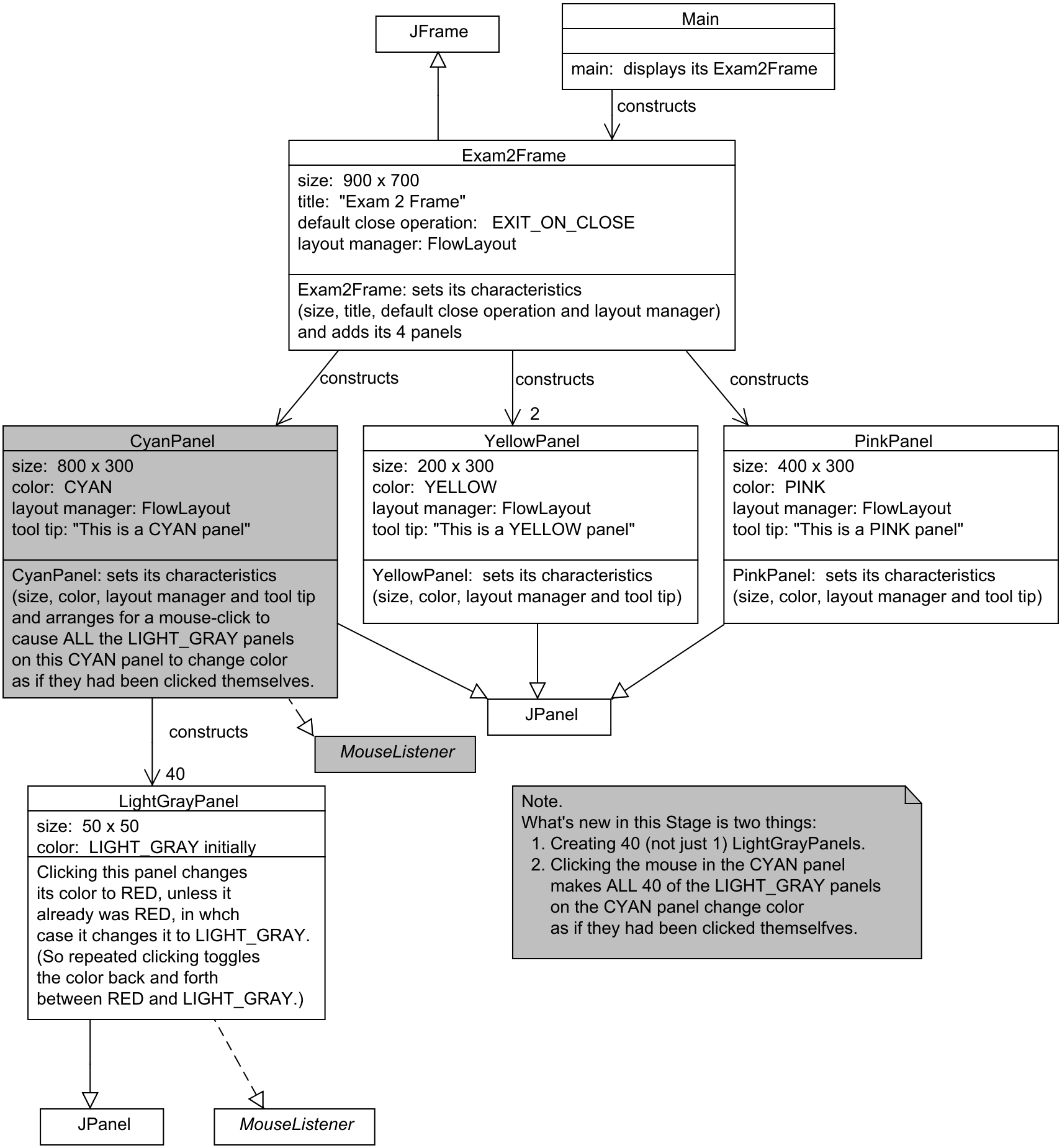
JFrame
Main
main: displays its Exam2Frame
constructs
Exam2Frame
size: 900 x 700
title: "Exam 2 Frame"
default close operation: EXIT_ON_CLOSE
layout manager: FlowLayout
Exam2Frame: sets its characteristics
(size, title, default close operation and layout manager)
and adds its 4 panels
constructs
constructs
constructs
2
CyanPanel
size: 800 x 300
color: CYAN
layout manager: FlowLayout
tool tip: "This is a CYAN panel"
CyanPanel: sets its characteristics
(size, color, layout manager and tool tip
and arranges for a mouse-click to
cause ALL the LIGHT_GRAY panels
on this CYAN panel to change color
as if they had been clicked themselves.
YellowPanel
size: 200 x 300
color: YELLOW
layout manager: FlowLayout
tool tip: "This is a YELLOW panel"
YellowPanel: sets its characteristics
(size, color, layout manager and tool tip)
PinkPanel
size: 400 x 300
color: PINK
layout manager: FlowLayout
tool tip: "This is a PINK panel"
PinkPanel: sets its characteristics
(size, color, layout manager and tool tip)
JPanel
MouseListener
constructs
40
LightGrayPanel
size: 50 x 50
color: LIGHT_GRAY initially
Clicking this panel changes
its color to RED, unless it
already was RED, in whch
case it changes it to LIGHT_GRAY.
(So repeated clicking toggles
the color back and forth
between RED and LIGHT_GRAY.)
Note.
What's new in this Stage is two things:
1. Creating 40 (not just 1) LightGrayPanels.
2. Clicking the mouse in the CYAN panel
makes ALL 40 of the LIGHT_GRAY panels
on the CYAN panel change color
as if they had been clicked themselfves.
JPanel
MouseListener