

AbstractCommand
Attributes
public AbstractCommand() abstract void excute() abstract void unExcute()

AbstractState
protected AbstractState nextState
public AbstractState() seNext(AbstractState nextState) abstract void nextAction(LadyBird bird)

LadyBirdManager extends Thread implements Runnable
Attributes
private LadyBirdManager() public LadyBirdManager instance() setApplet(JApplet a) run() LadyBird createLadyBird() removeLadyBird(LadyBird bird) addLadyBird(LadyBird bird) markLadyBirdAt(int x , int y) boolean isLadyBirdAt(int x, int y) LadyBird getMarkedLadyBird() paint(Graphics g)

LadyBird
Attributes
public LadyBird() nextAction() paint(Graphics g) collide(LadyBird other) boolean turn() boolean go() setState(AbstrateState s) setSize(int size) int getSize() int geX() int getY() setColors(Color bodyColor, Color dotColor) Color getColor() Color getDotColor() setGoal(int x, int y)

FarmApplet extends JApplet implements MouseListener, KeyListener
Attributes
public FarmApplet() init() paint(Graphics g) mousePressed(MouseEvent e) mouseReleased(MouseEvent e) mouseEntered(MouseEvent e) mouseClicked(MouseEvent e) mouseExited(MouseEvent e) keyReleased(KeyEvent e) keyPressed(KeyEvent e) keyTyped(KeyEvent e) private addCommand(AbstractCommand c) undoCommand()

LadyBirdSettings
Attributes
public LadyBirdSettings(int halfLadyBirdSize, Color body, Color dot) LadyBirdSettings(LadyBirdSettings settings) Color getColor() Color getDotColor() int getHalfLadyBirdSize() int getHalfSizeOfSpot() int getNumberOfDots() int getStepSize()

NullState extends AbstractState
Attributes
public NullState() nextAction(LadyBird bird)