state machines

PowerPoint freeform shape

SELECT SHAPE

for other drawing options

START SHAPE

click save point

NEXT POINT

click save point

may need to redraw last segment

double-click save point save shape

Ms. Pac-Man ghost

IN CENTER

time

LEAVING CENTER

left

CHASE Ms. PAC-MAN

H A S E

timer

power pill

RETURN TO CENTER

timed returned

RETURN TO CENTER

EXTEND

Jimilinks processing

TEXT

TEMPLATE

G 2

91

output Template

77

output character

67

output new line

LINK

106

output new line

line numbers refer to the code in jimilinks.c that handles the transition...
Splitting Tracks

GAP

- high: record start
- low: output (start, end)
  count <= threshold - 1

TRACK

- high: record end
- low: count <= 1

QUIET

- low, count < threshold - 1
  count = count + 1