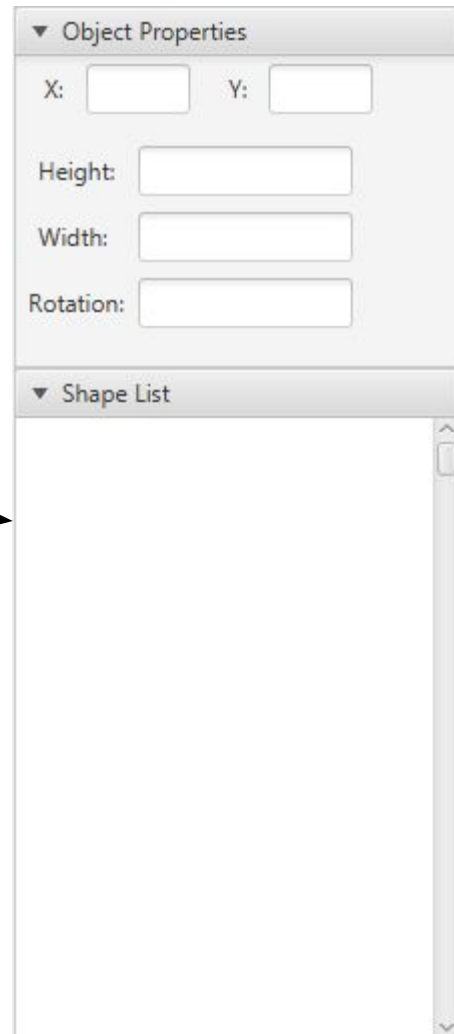# Embroid-It Briefing 10

Team 5: Chris Park, Trae Rawls, Nate Owens

GUI
(Interactivity)

Shape List Interactivity:
- ImageView used.
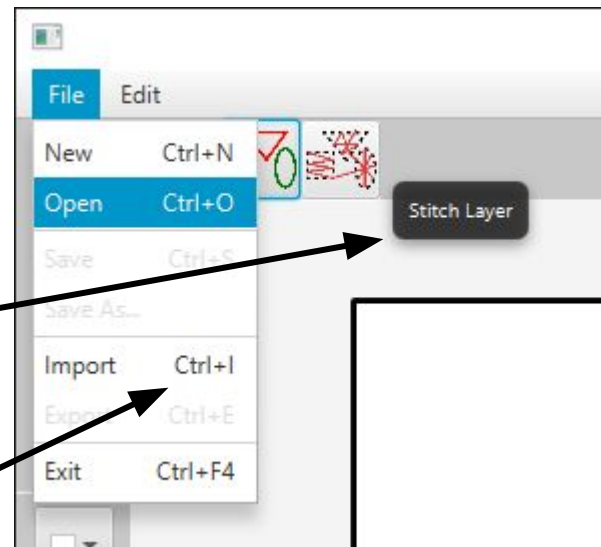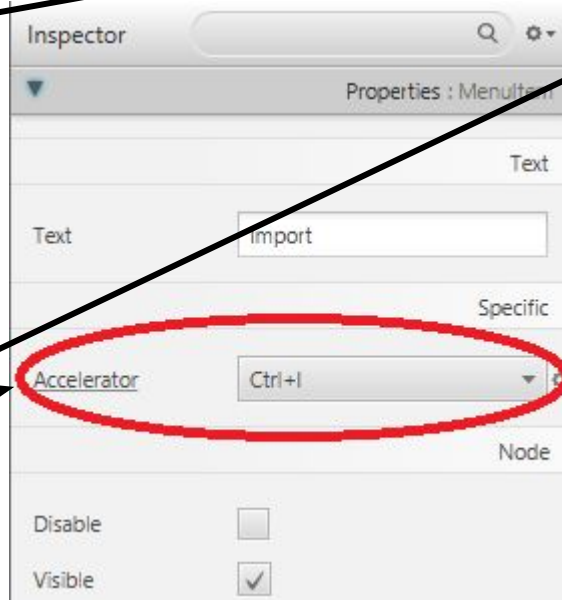- Tracks a list of shape names (Strings) which shares an index with the related shape in the list.

▼ Object Properties

X: [   ]   Y: [   ]

Height: [   ]

Width: [   ]

Rotation: [   ]

▼ Shape List

GUI
(Visual/Information Design)

Tooltips
- Layered on top of existing UI Nodes
- Function as Nodes themselves.

HotKeys
- Created by using the Accelerator property in the Scenebuilder Inspector.

File | Edit

New Ctrl+N
Open Ctrl+O
Save Ctrl+S
Save As...
Import Ctrl+I
Export Ctrl+E
Exit Ctrl+F4

Stitch Layer

Inspector

Properties : MenuItem

Text

Text   import

Specific

Accelerator   Ctrl+I

Node

Disable

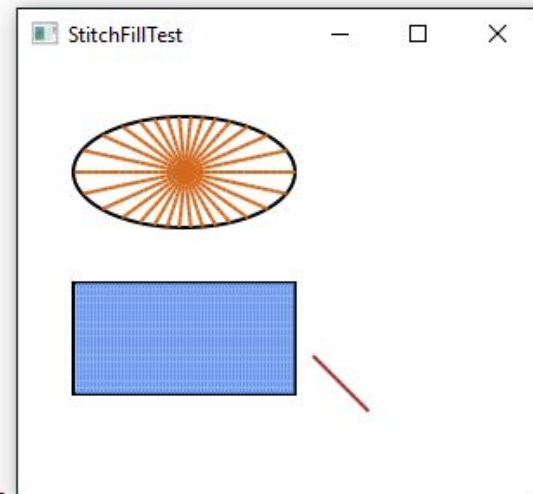Visible

Library
(Stitch Encoding/Exporting)

Stitch Breakdown
- Line segments are now ordered to reduce jump distances and broken down into individual stitch lists.
- Removal of overlapping start and end points (duplicate stitches)

Stitch Encoding
- Jump/Stop/End encoding finished and awaiting testing.

Stitch #: 6
Coord: X: 183.36264783325163
Coord: Y: 183.36264783325163
Stitch #: 7
Coord: X: 186.03517739990195
Coord: Y: 186.03517739990195
Stitch #: 8
Coord: X: 188.70770696655228
Coord: Y: 188.70770696655228
Stitch #: 9
Coord: X: 191.3802365332026
Coord: Y: 191.3802365332026
Stitch #: 10
Coord: X: 194.05276609985293
Coord: Y: 194.05276609985293
Stitch #: 11
Coord: X: 196.72529566650326
Coord: Y: 196.72529566650326
Stitch #: 12
Coord: X: 199.39782523315358
Coord: Y: 199.39782523315358
Stitch #: 13
Coord: X: 202.0
Coord: Y: 202.0
Total Stitch Count: 13.
---END STITCH BREAKDOWN TESTS---

StitchFillTest   —   □   ×

Next
(Moving Forward)

GUI Function:
- Implement shape editing via object view selection.

GUI Design:
- Cont. field naming
- Default button state preparation.
- Cont. shortcut creation.

Library:
- Test stitch encoding.
- Begin export bitmasking.