Cord UI
Part 1: Wires
Motivation
Motivation
Related Work

TempoString: A Tangible Tool for Children’s Music Creation
Liang He et al., UbiComp 2012

Rope Revolution: Tangible and Gestural Rope Interface for Collaborative Play
Lining Yao et al., ACE 2012

“Dip in the Wave” Interactive sound installation controlled by the rope
Seiichiro MATSUMURA
Shape Based Interaction
1. The Knot in the Hose
Knot can be anywhere on the cable.
Knot can be anywhere on the cable.
Knot can be anywhere on the cable.
2. The Knot in the Handkerchief
TO-DO’s

- buy birthday present
• buy birthday present
• finish paper
• buy birthday present
TO-DO’s
3. Spiral
Linear Interaction
pressure + -
pressure + -
Future Explorations