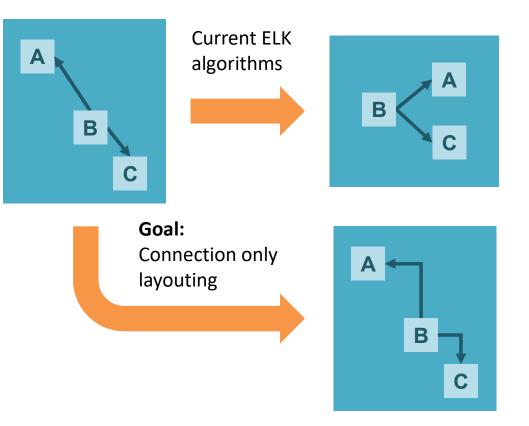
Master's Thesis: Beautify Graph Representation of Visual Languages: Generating Layouts for Connections

- The Eclipse Layout Kernel provides a set of algorithms for automatically layouting graphs
 - □ Used by many tools for visual programming languages and graph representation
 - Currently all provided algorithms arrange nodes and edges freely
- Users often want to place their nodes and let the layout algorithm only route the connections around them

□ Extend the Eclipse Layout Kernel with an edge only layout algorithm

Tasks

- □ Evaluate existing edge only layout algorithms
- □ Implement one algorithm
- □ Evaluate with Eclipse 4diac IDE
- This thesis is conducted in collaboration with the University of Kiel





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Goal