The Component Interaction Domain: Modeling Event-Driven and Demand-Driven Applications

Xiaojun Liu Yang Zhao



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## CI vs. the Click Router Architecture



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- Click is a specialized, highly efficient, runtime software architecture based on object-oriented programming. Router elements interact by making method calls. The control flow is fixed once the router is built.
- The CI domain provides a more general model architecture based on actor-oriented programming. Actor interaction is mediated by the director, so is more decoupled. The director (or code generator) can partition a model and choose a different analysis/scheduling strategy for each part.

