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Abbas Siddiqui: Requirements aware Template Based Network Stacks

Abstract:
Functional composition can be performed at various epochs (e.g., run-time, design-time, deployment-time), but there is a trade off among different time phases in terms of the complexity (i.e., required setup time) and the flexibility. In this work, the tasks of functional composition are analyzed and split in different time phases to achieve an optimized decision with minimal setup-time, which is further evaluated based on the required setup-time and the flexibility.