



M-ADAPT'2007

*On Run-time Behavioural
Adaptation in Context-Aware
Systems*

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Key Ideas

- Non “compatible” software composition -> adaptor components (at design time)
- Execution environment (*i.e.*, context) variations require runtime adaptation
- A formal model of composition/adaptation is required (LTS/CSP) to express adaptation requirements and actions

Some Questions

- Are the probable occurring (not desired?) contexts known at design time? (*e.g.*, connected! - disconnected!)
- Context facet \rightarrow LTS, what about unanticipated context facets?
- Dynamical composition algorithm/engine (adaptation) with a promising implementation platform based on AOP (what about some existing results about that?)