RISC 2016: Sprint Thesis Talk

Theory of Dynamic Evolution in Petri Net Models of Workflow Processes

-- Ahana Pradhan working with Prof. R. K. Joshi

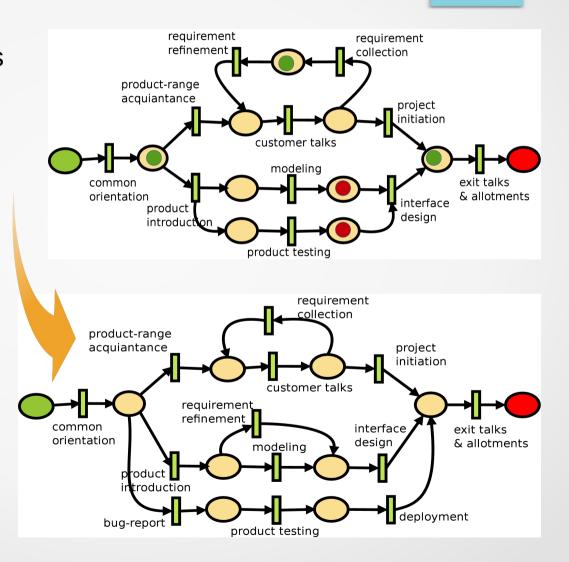
Department of Computer Science & Engineering, IIT Bombay



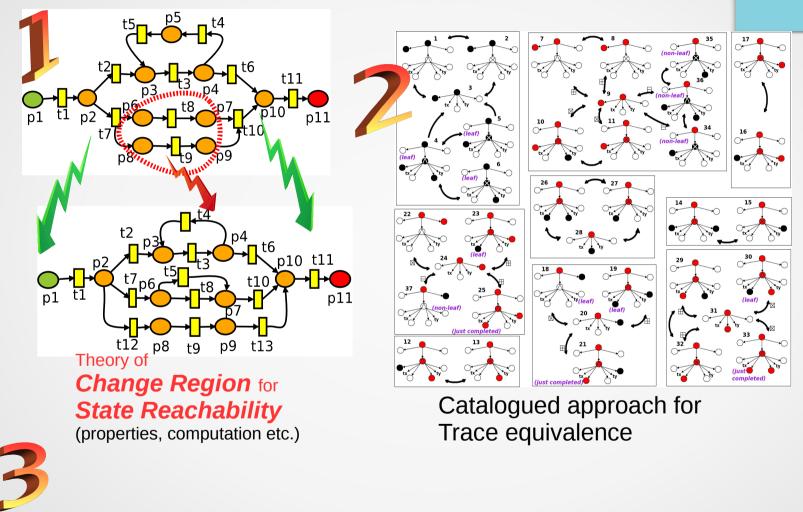
Dynamic Evolution in Workflow Nets

Workflow: Automated Business Process **Evolution:** Change in schema **Dynamic:** Runtime <u>migration</u> of all *live* instances

- Migratable
- Non-migratable



Change Region, Catalogued Approach, Consistency



New Consistency Models based on possible future traces

Dynamic Evolution of Distributed Processes

