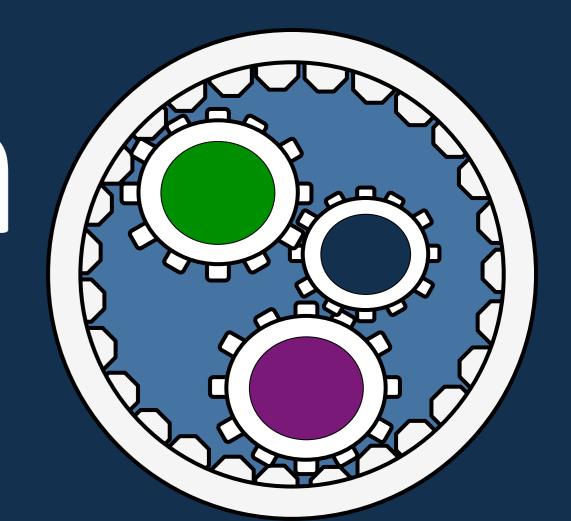
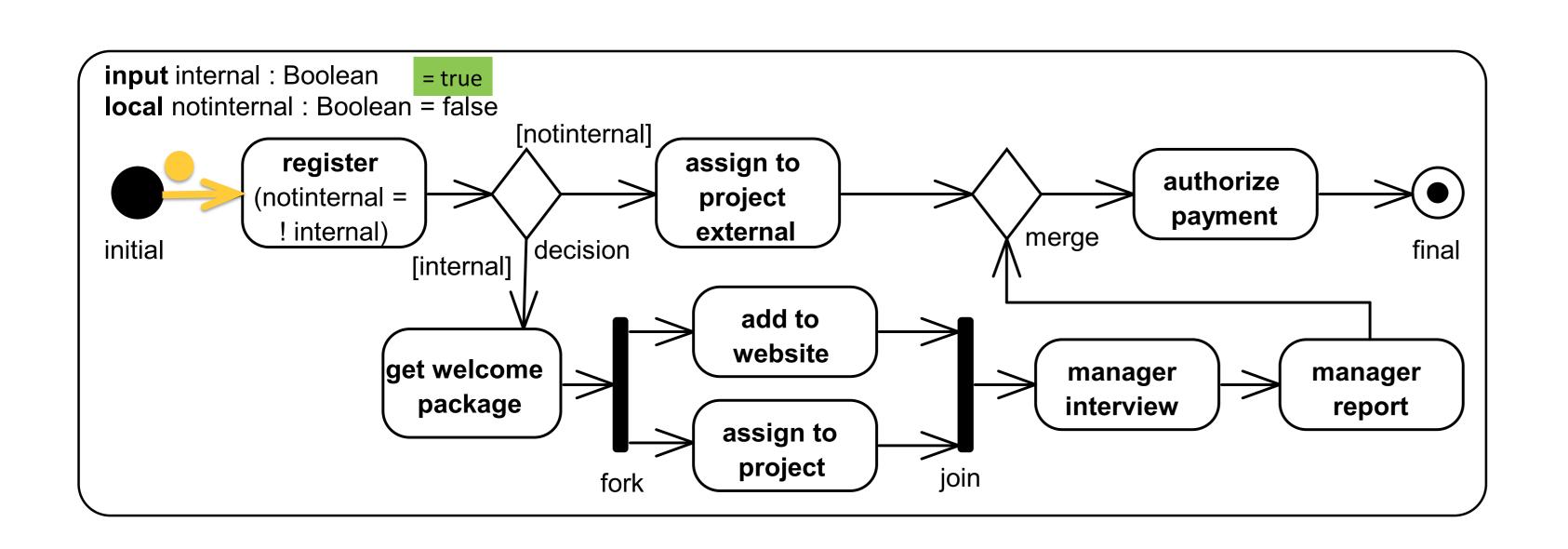
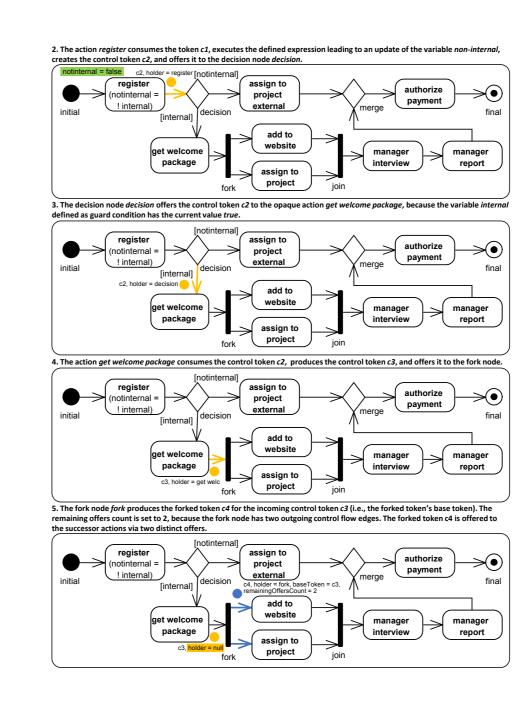
fUML Activity Diagrams with RAG-controlled rewriting

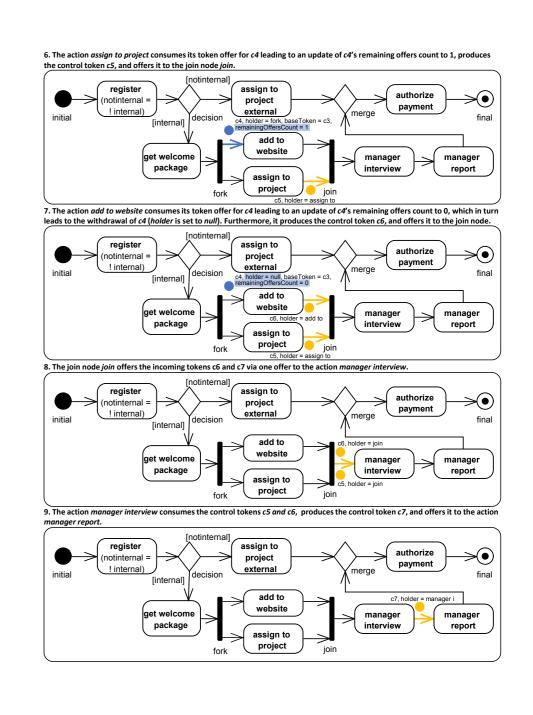


A RACR solution of the 8th Transformation Tool Contest

TTC 2015 task: execution of fUML Activity Diagrams.







8th Transformation Tool Contest

award for

has been won by

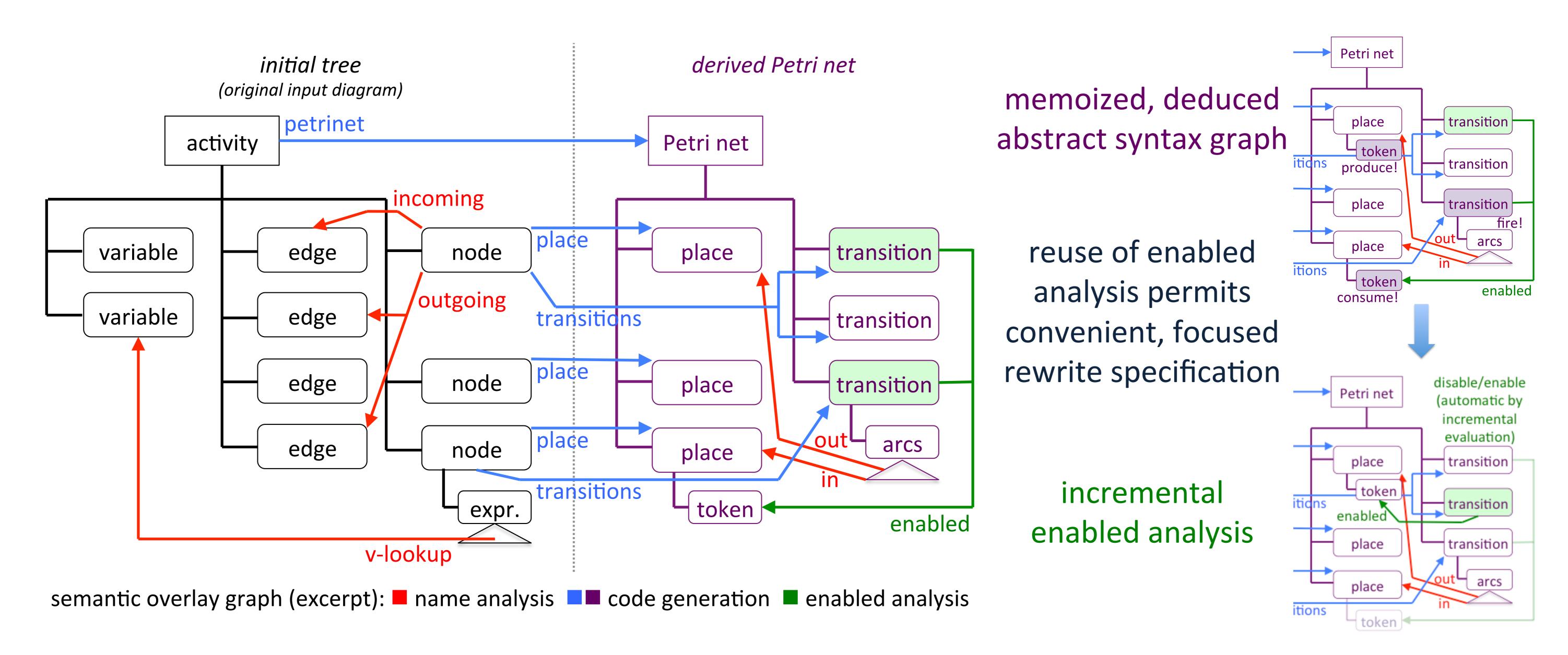
CHRISTOFF BÜRGER

Location: L'Aquila, Italy

Organizing Committee:

TTC 2015

RACR solution: diagram to Petri net interpreter, uses a reference attribute grammar to deduce memoized abstract syntax graph well-suited for execution by rewriting.



RAG-controlled rewriting: declarative, seamless combination of reference attribute grammars & graph rewriting (RACR: reference implementation, Scheme library).

- transformation-aware RAG-based analyses (incremental evaluation) +
- mutual control analyse-aware rewrite-based transformations (analyses deduce rewrites)

