Revised version of the declarative format

Task(T) – defines a task with ID T

- *new predicate*

Decomposition(T, [ID1, ID2, ID3, ...IDn], type) – defines a decomposition of a task T into a nest composed of tasks / activities with IDs ID1, ID2, ID3, ... IDn (each one of parameters ID1..IDn can be either ID of an activity, or ID of a task). The decomposition is of type specified by last parameter, which can be either AND or XOR.

- *now can also contain IDs of tasks, first parameter always task*

Precedence(ID1, ID2) – defines a precedence relation between two activities / tasks with IDs ID1, ID2

- *new predicate, replaces Temporal*

Logical(ID1, ID2, type) – defines a logical relation between two activities / tasks with IDs ID1 and ID2. The relation is of given type specfiied by the last parameter, which can be implication (“=>”), equivalence (“<=>”), inclusive or („or“), or exclusive disjunction (“xor”).

- *now can also contain IDs of tasks*

Synchronization(ID1, ID2, type) – defines a synchronization constraint between two activities / tasks with IDs ID and ID2. Synchronization is of type given by third parameter, which can be wither start-start („SS“) or end-end („EE“).

- *new predicate*