

Symbolic Trajectories

Pattern Matching - Requirements and First Results

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Simplification

```
(periods period, ulabel unit_label)
```


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a simple example

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(2011-04-02#19:09:00 _)
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```

conditions can be added for variables

```
X (_ at_home) Y * Z (monday _) //  
X.start > 2011-10-23, Y.card > 25,  
Z.label = at_university
```

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- ▶ `((time label))` matches a continuous sequence of units that fulfill the condition(s)

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- ▶ Label hierarchies

- ▶ e.g., `leisure → building → museum → ...`
- ▶ then, the pattern `(_ museum)` would match the moving label `(_ leisure)`

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- ▶ For each way the pattern matches, one rewritten version of it is returned
- ▶ If there is no match, the stream is empty