























Urgent Location: Example

Assume that we model a simple media M:



that receives packages on channel a and immediately sends them on channel b.

- P models the media using clock x.
- Q models the media using **urgent** location.
- P and Q have the same behavior.



Committed Location

Click "Committed" i State Editor.

Informal Semantics:

- No delay in committed location.
- Next transition must involve automata in committed location.

Note: the use of committed locations <u>reduces</u> the number of interleaving in state space exploration (and also the number of clocks in a model), <u>and</u> thus allows for more space and time efficient analysis.

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Committed Location: Example 1• Assume: we want to model a process (B) cimultaneously conding measures



