



Universität Hamburg

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Softwaretechnik



Exemplary Business Process Modeling

OMI Workshop

08.09.2011

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<http://swt-www.informatik.uni-hamburg.de>

Agenda



- **What characterizes eBPM?**
- **Fields of application**
- **Examples**
- **How is eGPM used?**
- **eBPM and OMI**

What characterizes eBPM?



eBPM models visualize
exemplary stories

typical scenarios
rather than algorithms

people and their work objects
instead of data flow and business
functions

**cooperation and
communication**
between actors

What characterizes eBPM?



eBPM	„classical“ approaches (BPMN, EPC etc.)
Each scenario depicts one typical outcome of a process	A model depicts all possible outcomes of a process
Concrete, no case switches	Abstract, „algorithmic“, with case switches
Easily verifiable for domain experts	Executable by workflow engines

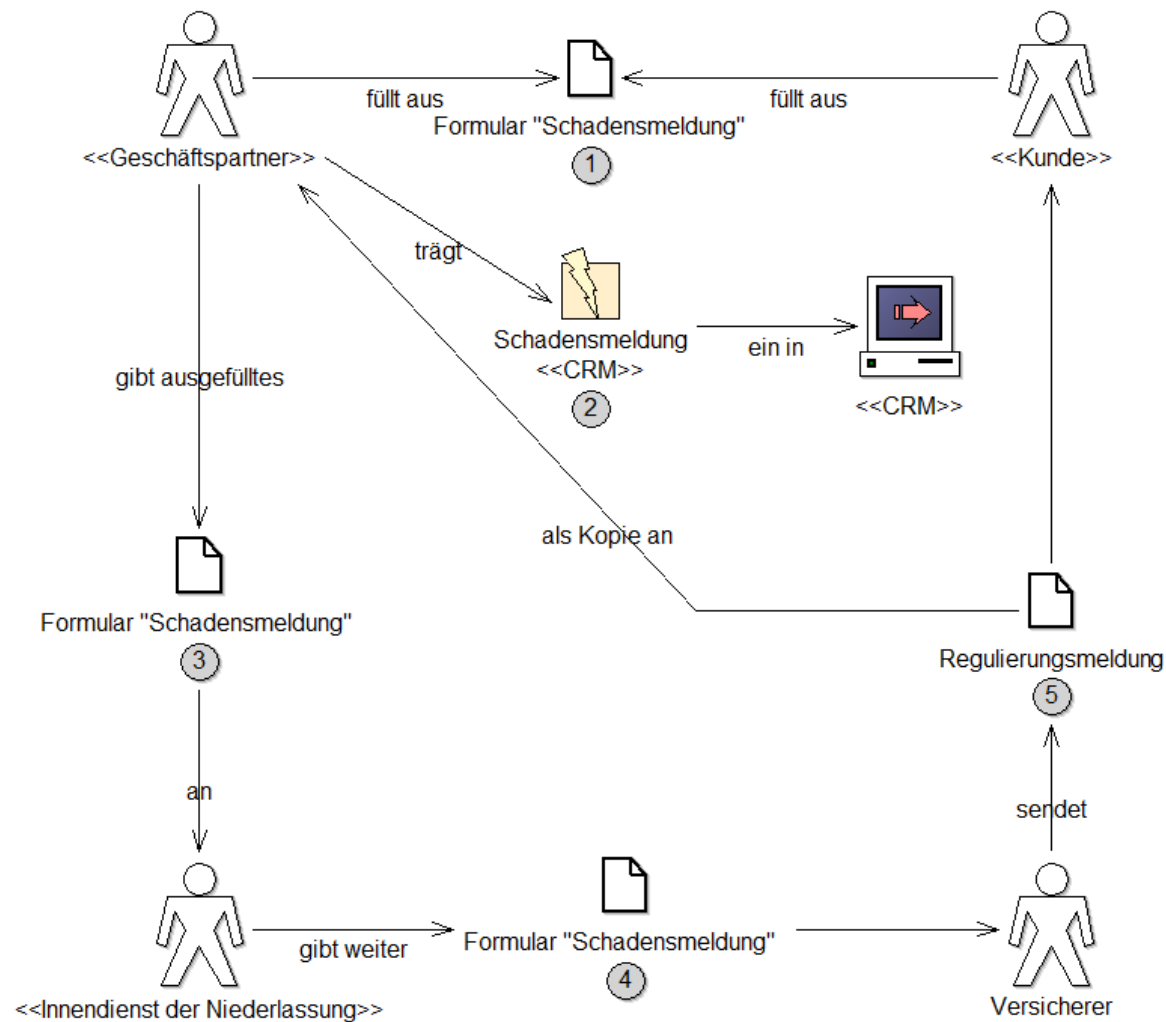
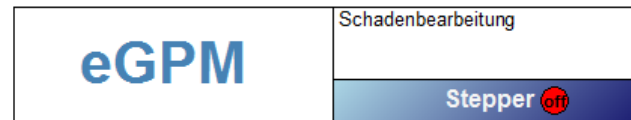
eBPM has successfully been used...

- ...as a requirements engineering method for software development
- ...for evaluation of off-the-shelf software
- ...as a quality assurance tool for software migration projects
- ...for planning changes in large IT landscapes
- ...to align organizational changes an organization's IT support

Example: Cooperation Picture



Szenario: Nachdem Kunde den Schaden gemeldet hat, besucht der GP den Kunden.

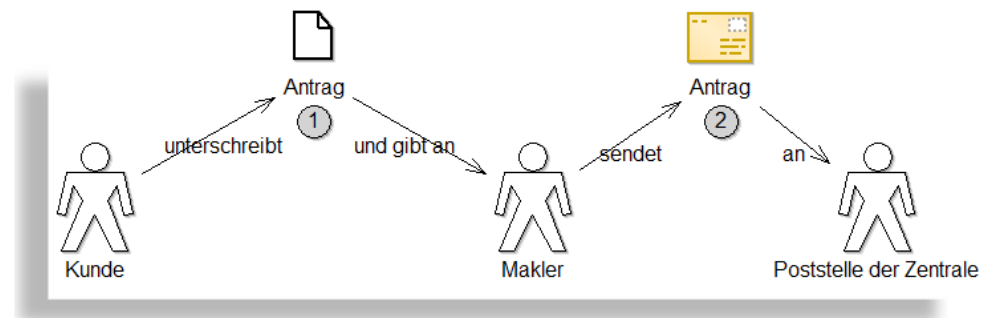


Example: Cooperation Picture

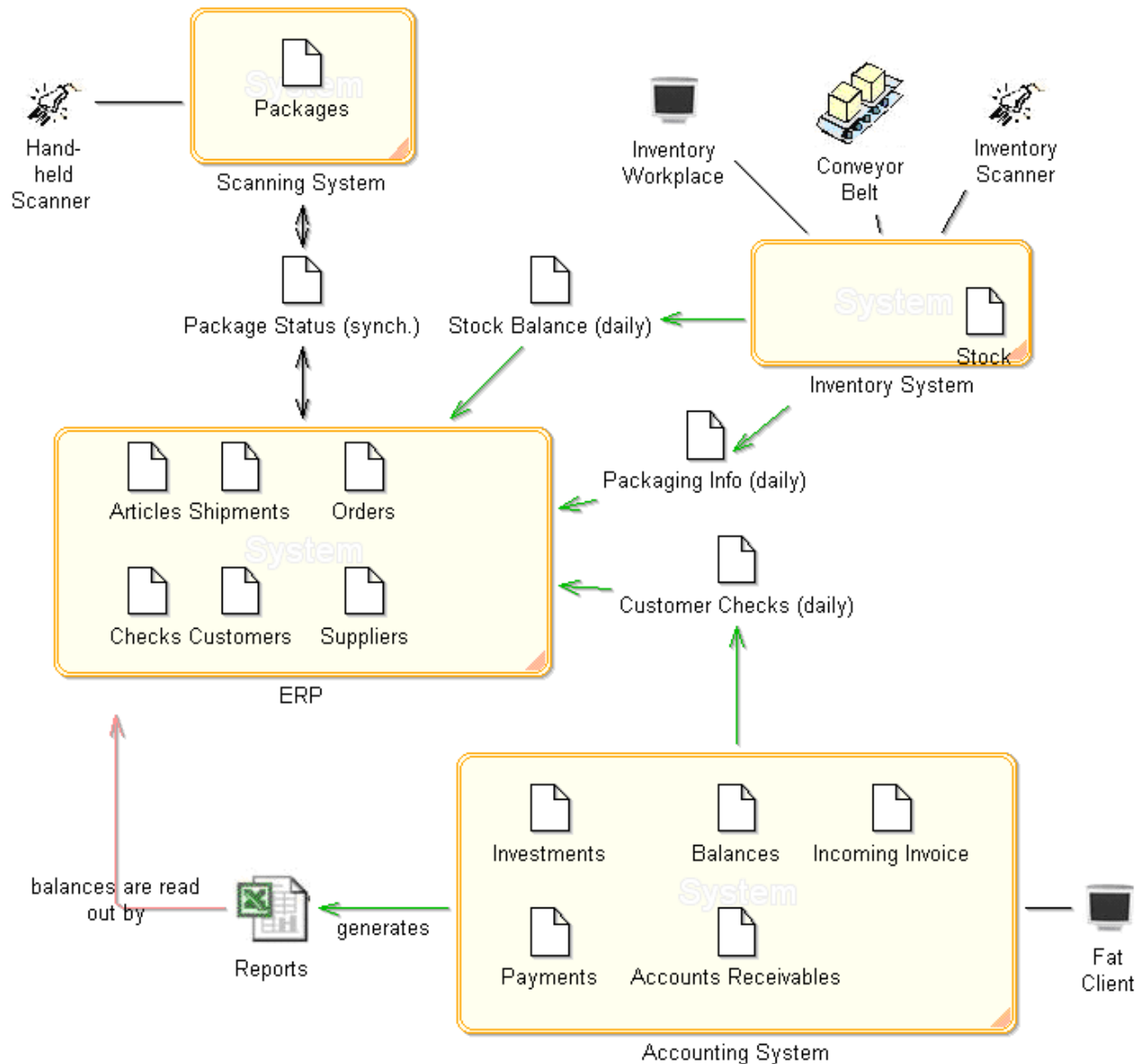


Cooperation Pictures typically answer these questions:

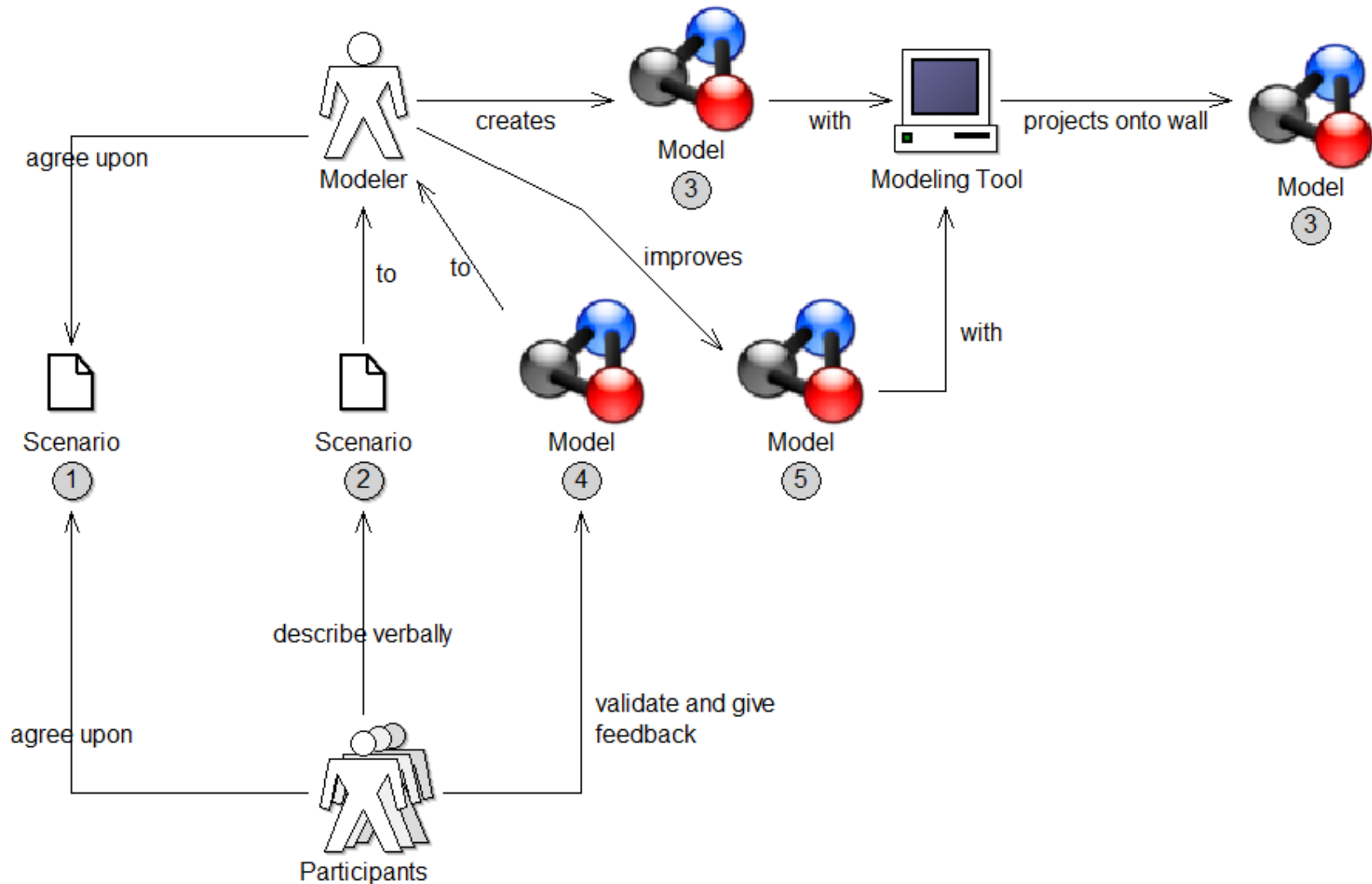
- Which people/systems („actors“) are active?
- What do they do typically? In which order?
- With whom do they interact?
- What work objects do they use?
- When do they hand over work objects? To whom?
- Which activities are supported by IT systems? How?



Example: IT Landscape



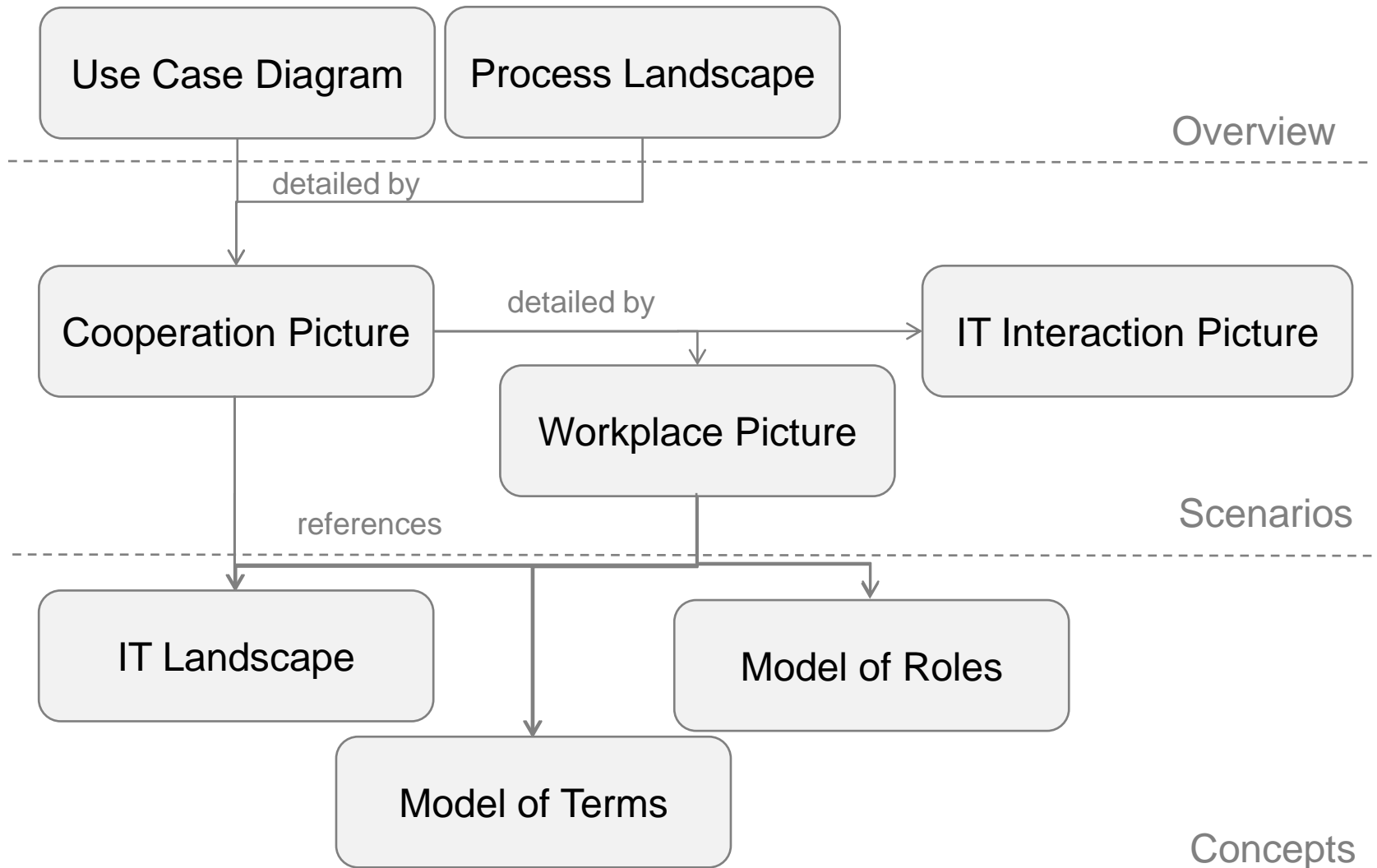
How is eBPM used?



How is eBPM used?



- In addition to the resulting model, the participants benefit from the discussion
- eBPM has proven to be easily understandable, light-weight and effective
- It is not necessary to explain the eBPM notation to the workshop participants; a skilled modeler is sufficient



- A commercial eBPM tool based on the ADO platform has been available for several years
- In September 2011 a free version of that tool (German language only) will be available at www.openmodels.at