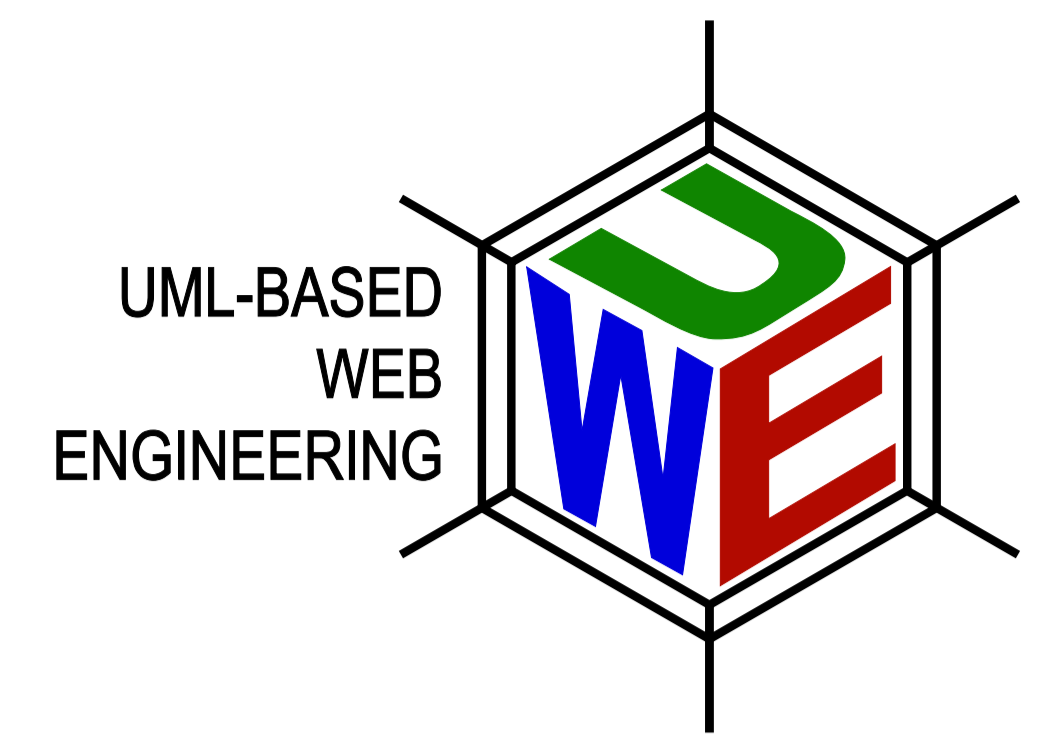


# MagicUWE – A CASE Tool Plugin



for Modeling Web Applications

<http://uwe.pst.ifi.lmu.de>

## UWE – UML-based Web Engineering

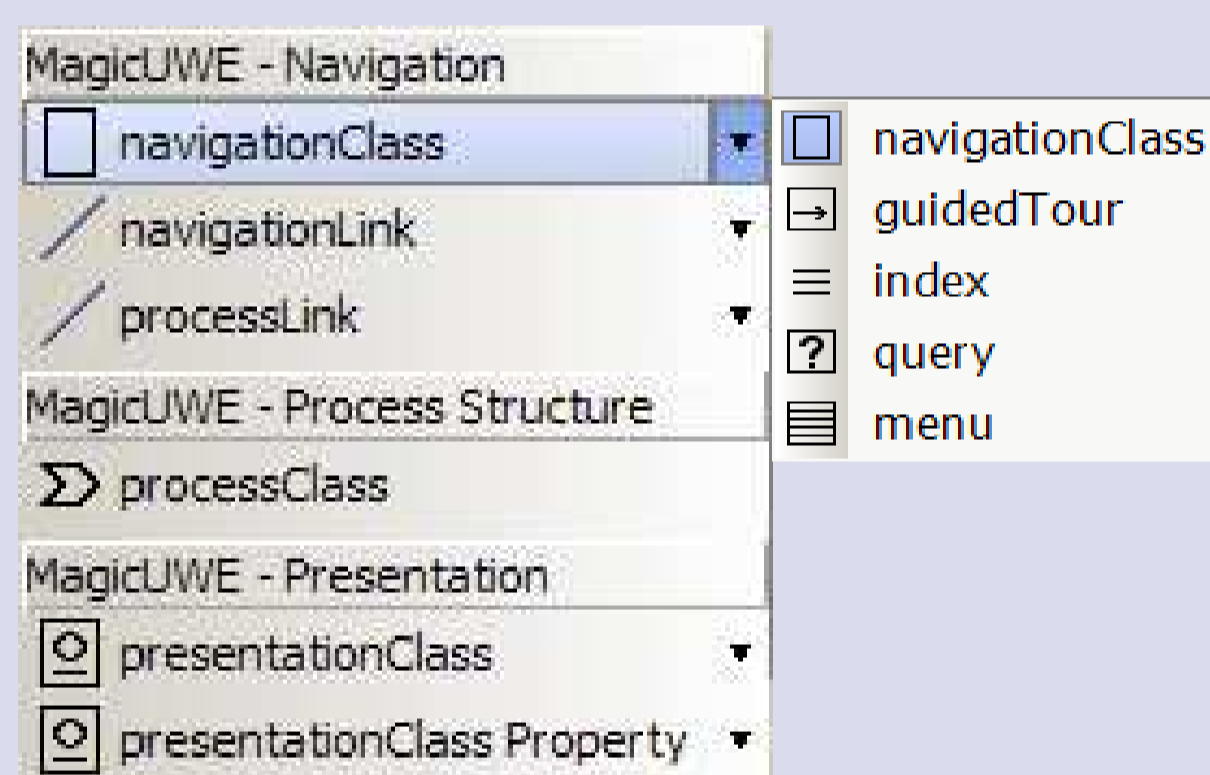
- based on standards (e.g. UML, MDA)
- separation of concerns (content, navigation, presentation, ...)
- model-driven development process
- model consistency check

## MagicUWE supports

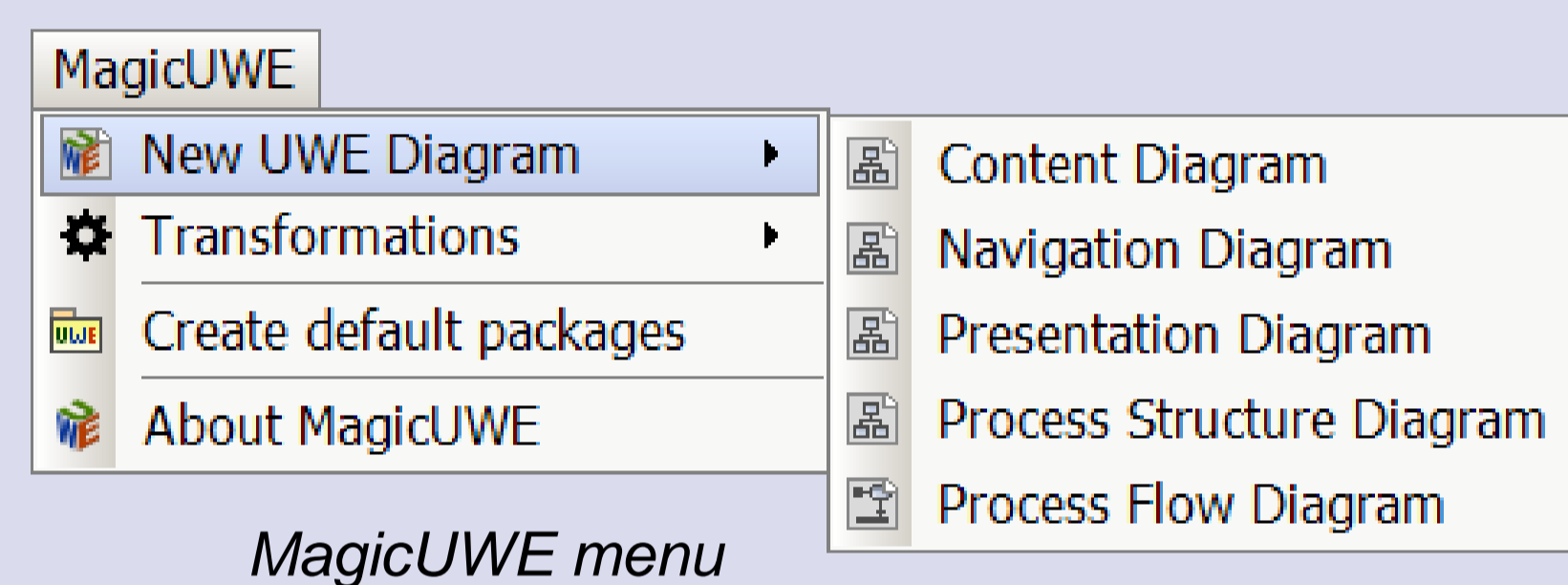
- UWE profile
- UWE stereotype icons
- UWE package structure
- UWE model-to-model transformations
- hints for the design of UWE models

## MagicUWE is

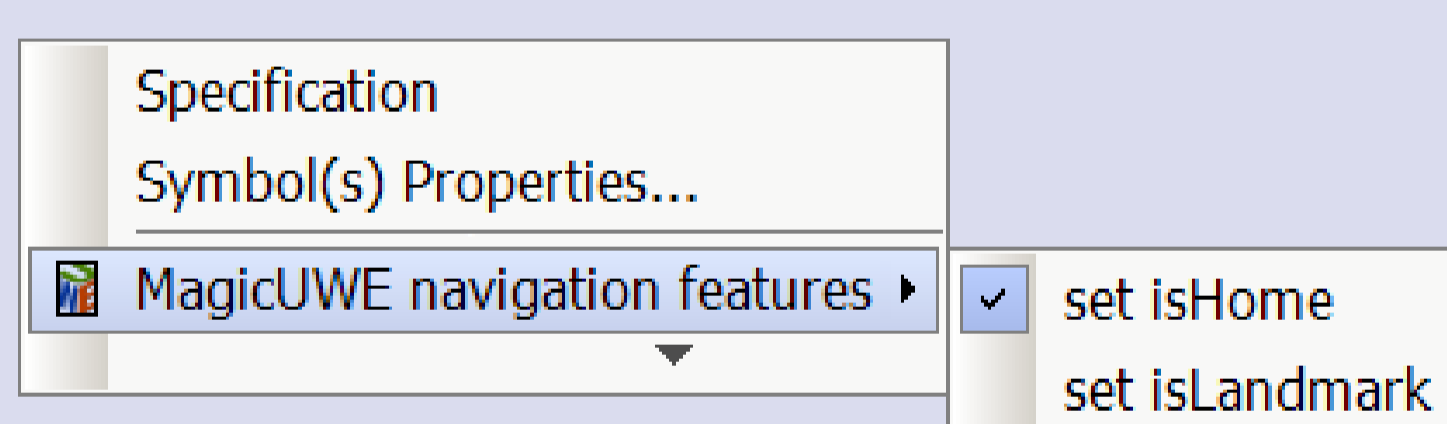
- implemented as MagicDraw plugin
- configurable (e.g. shortcuts)
- adaptable (e.g. display of class or property in toolbar)
- extensible (adding easily new UWE modeling elements)



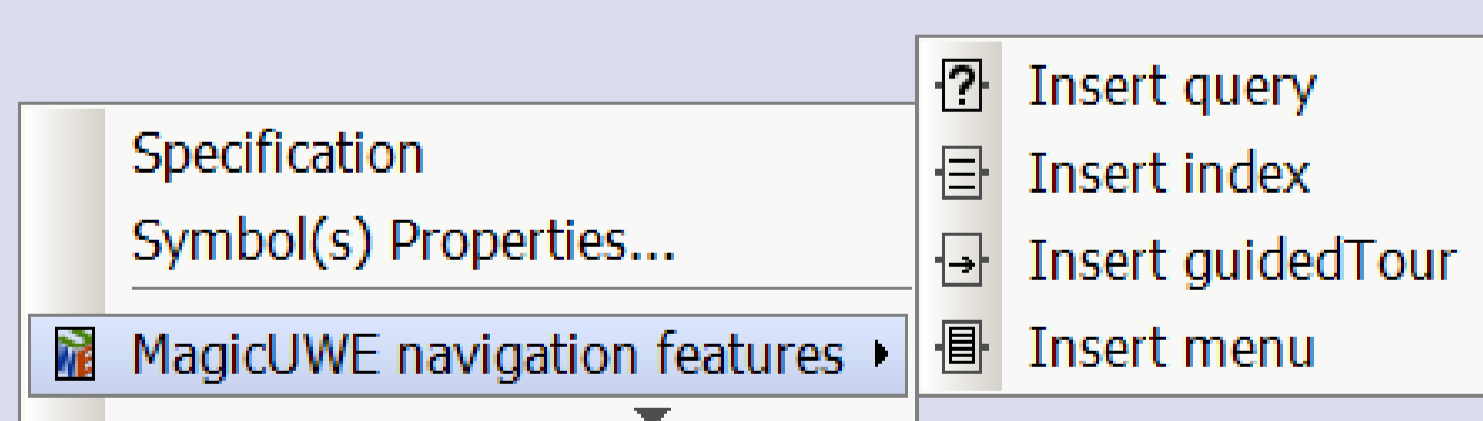
MagicUWE toolbar



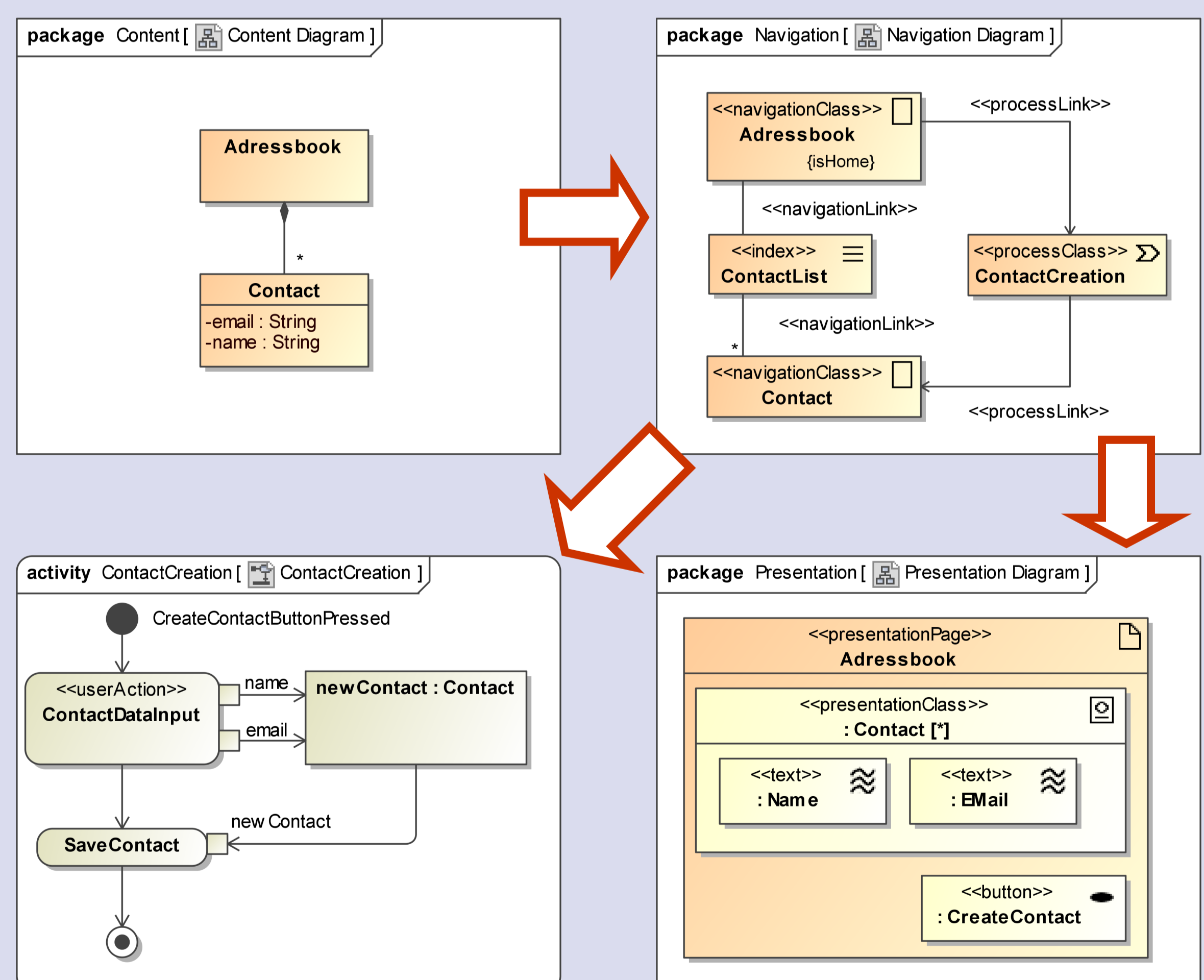
MagicUWE menu



MagicUWE context menu  
set tagged value



MagicUWE context menu  
insert access primitive



Modeling with MagicUWE: Address book example



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DFG project MAEWA II 841/7-2, Germany  
ICWE 2009 – San Sebastian, Spain – tool demonstration

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