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Michelle Joab
eLUP and IMS LD
LIRMM, Montpellier 2
University, France



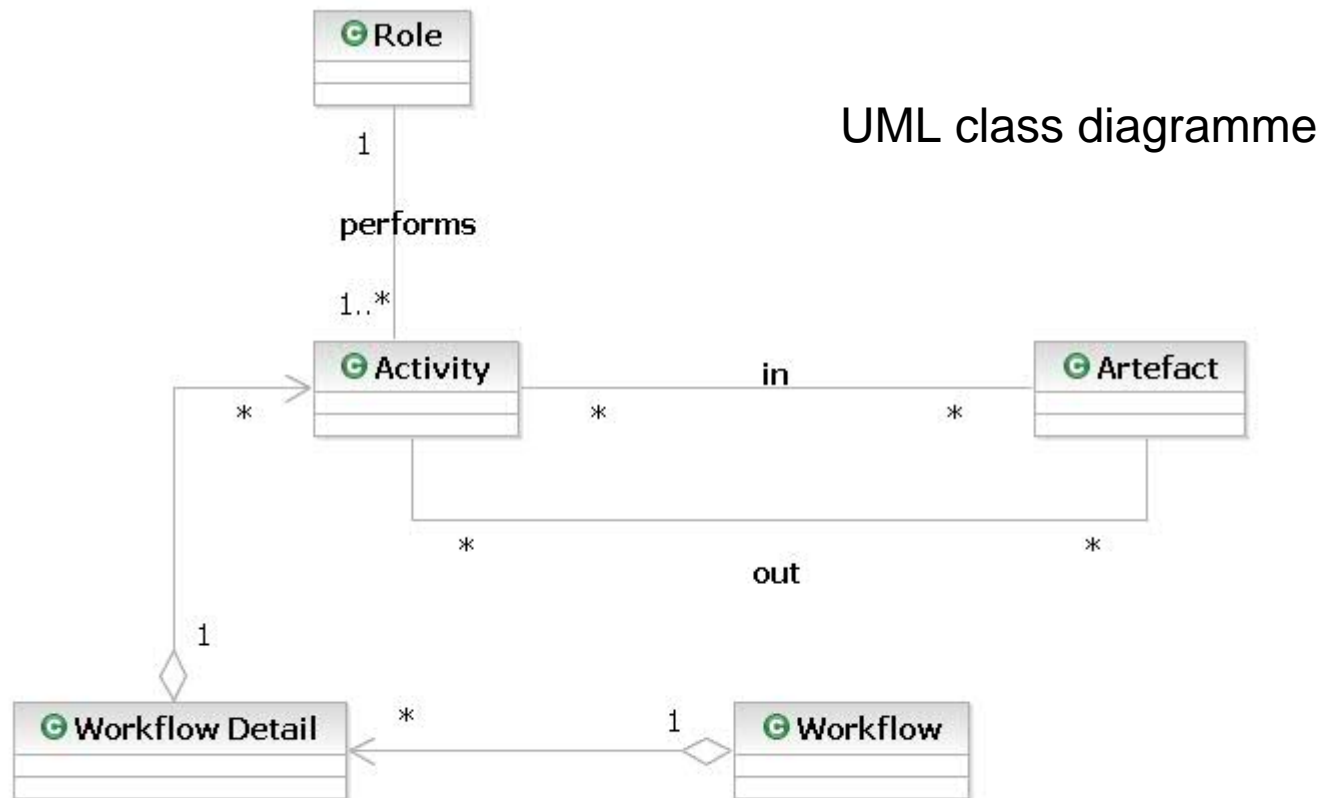
Experience-based Quality in European ODL
E-QUALITY



**FINAL SEMINAR 21.-22.9.2006
SZCZECIN, POLAND**

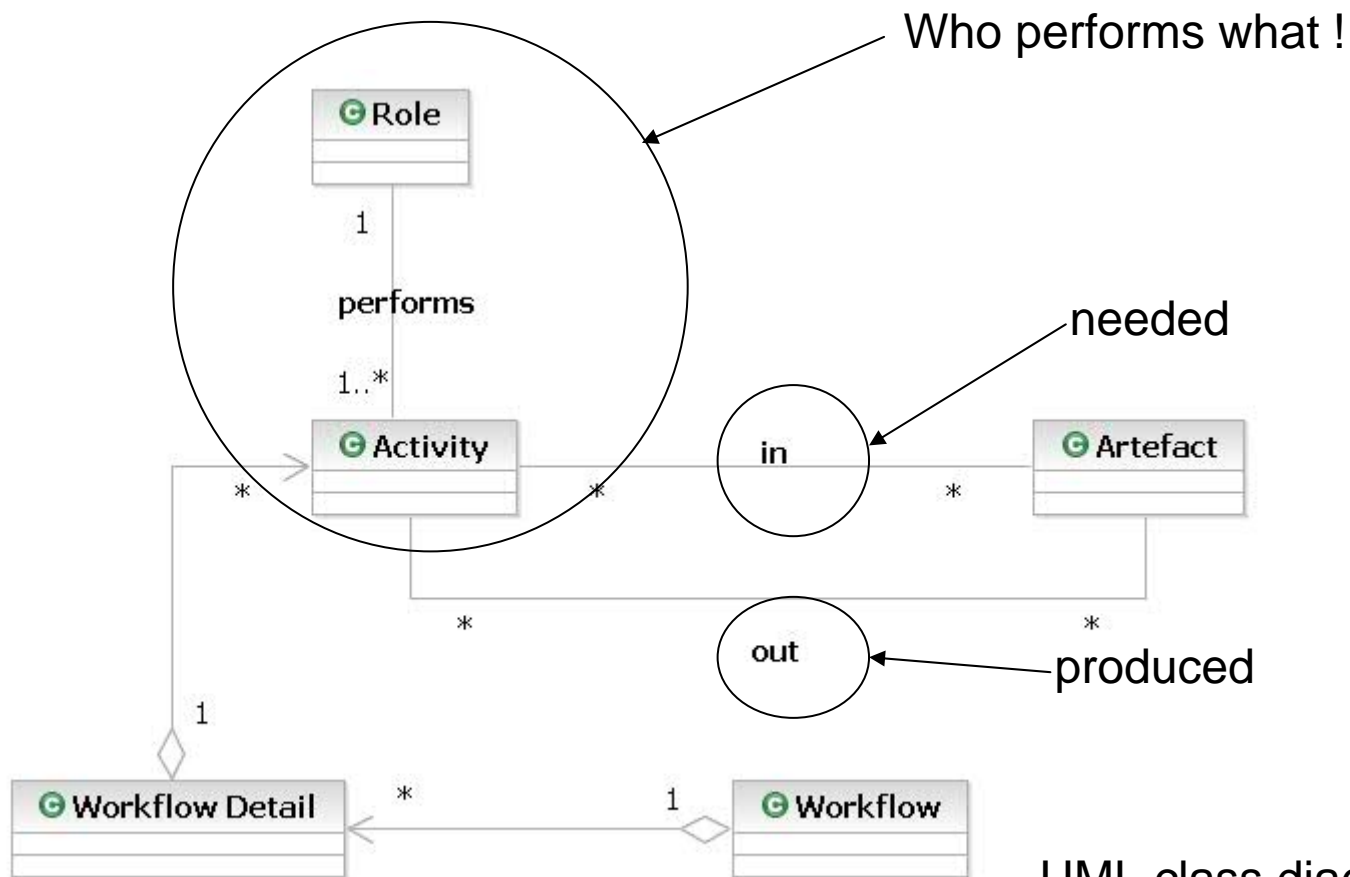


The eLUP structural model





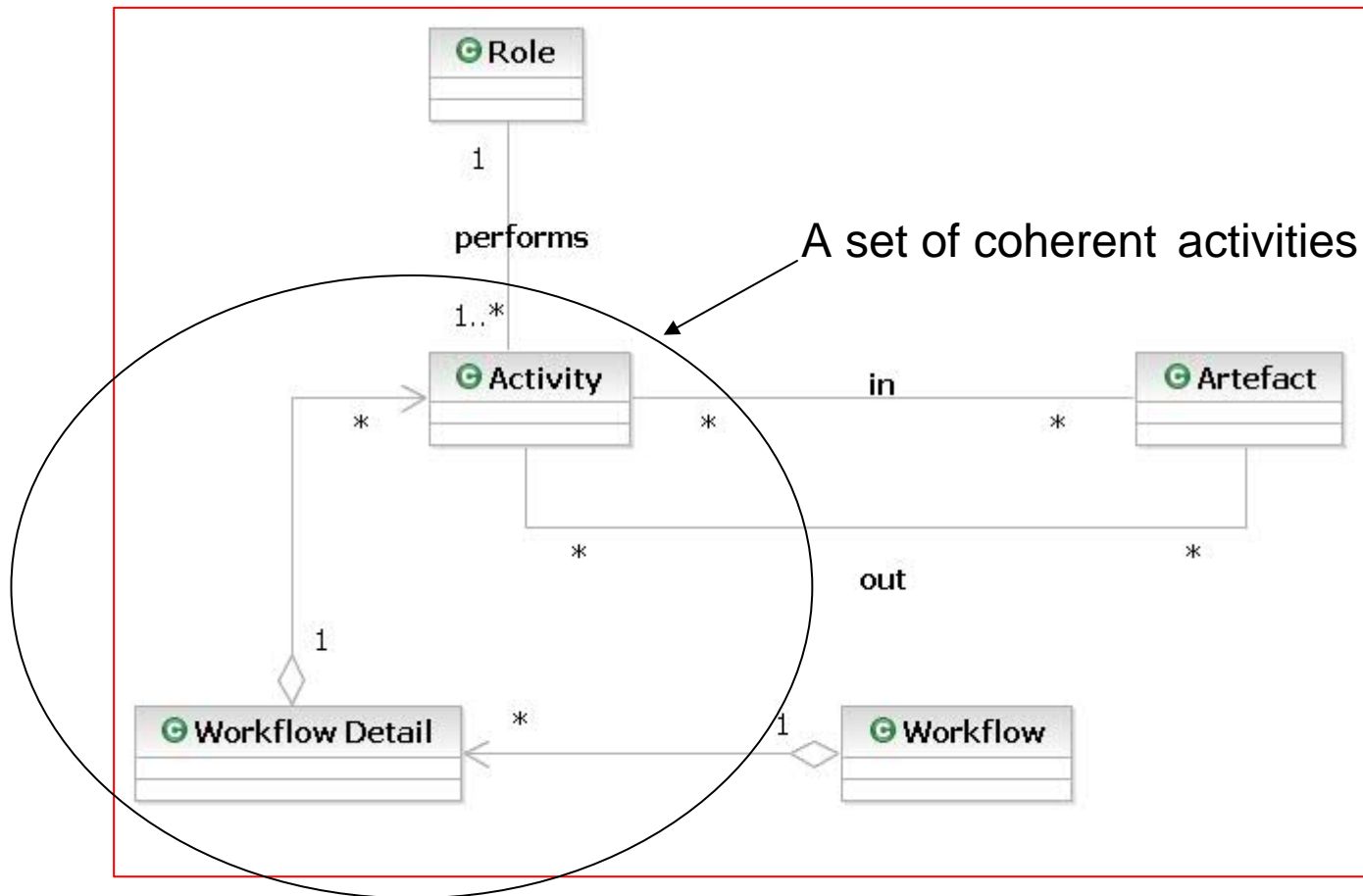
The eLUP structural model



UML class diagramme

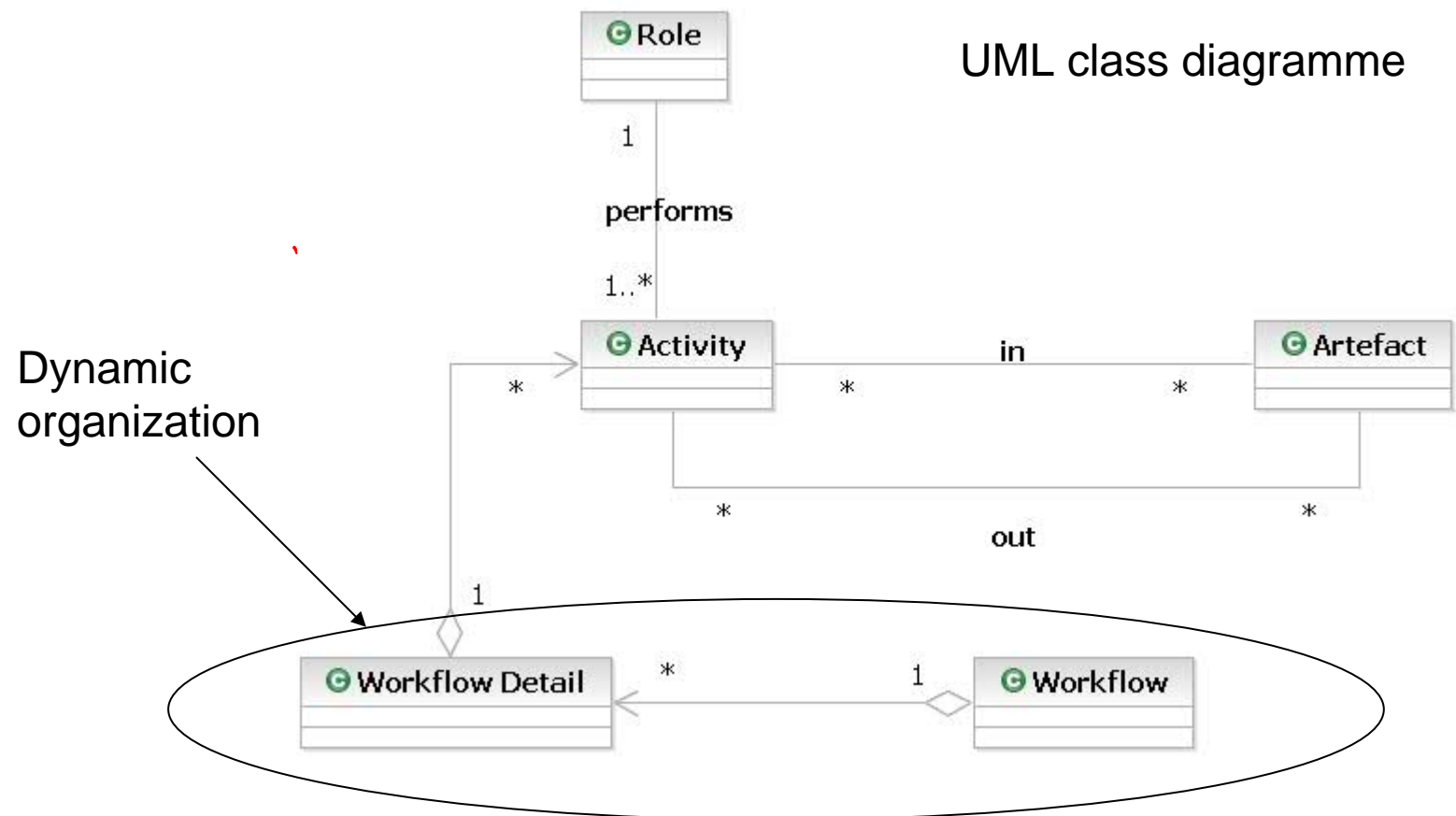


The eLUP structural model





The eLUP structural model





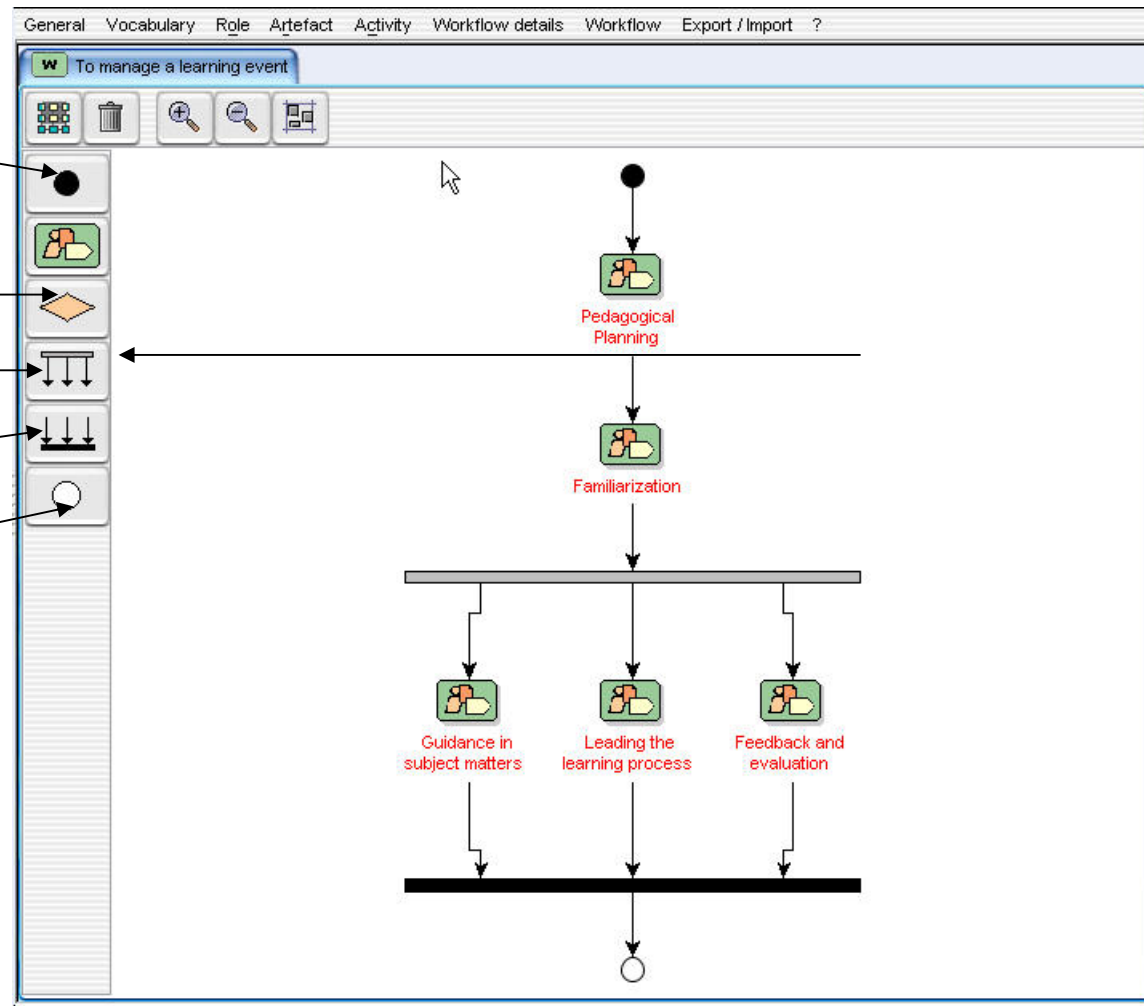
Initial state

Test node

Split node

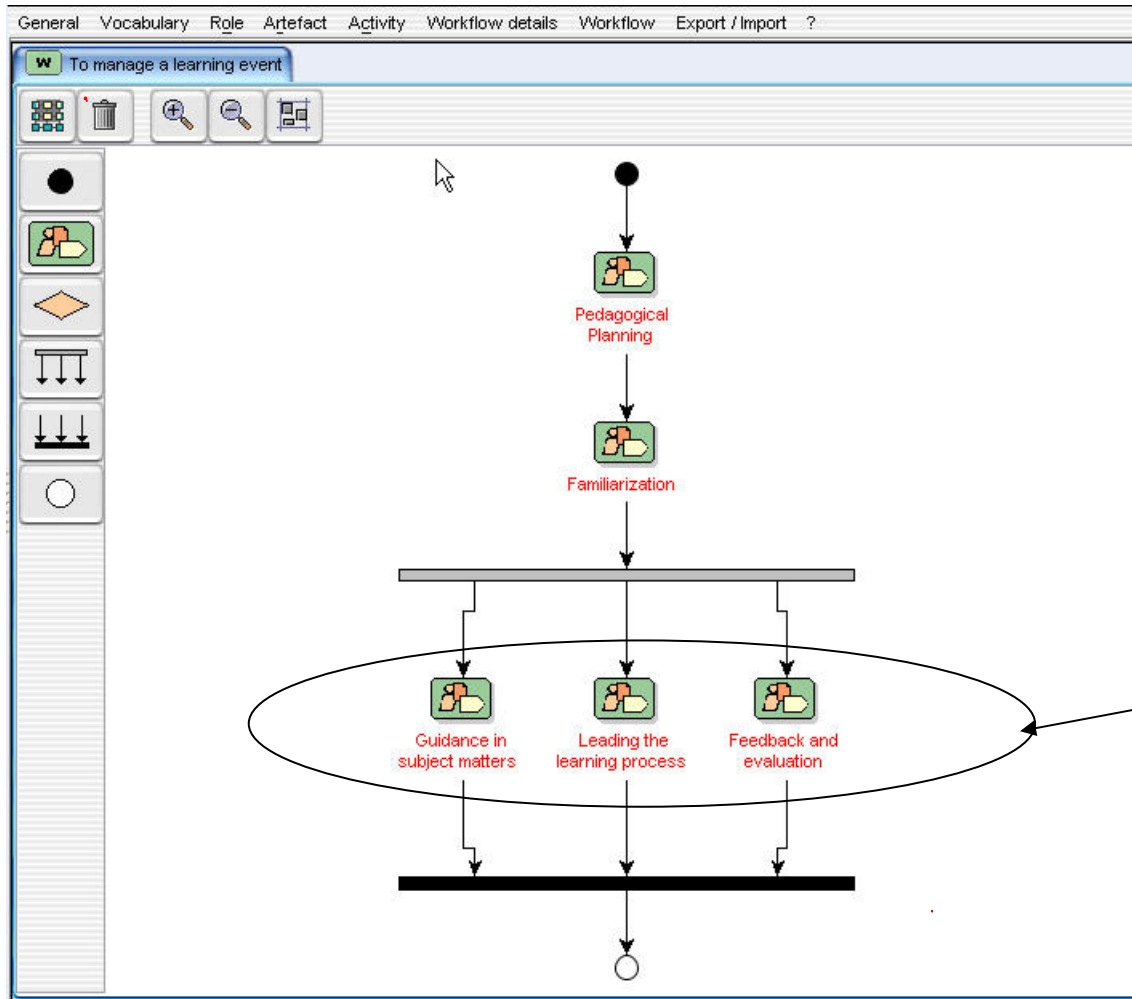
Join node

Final state

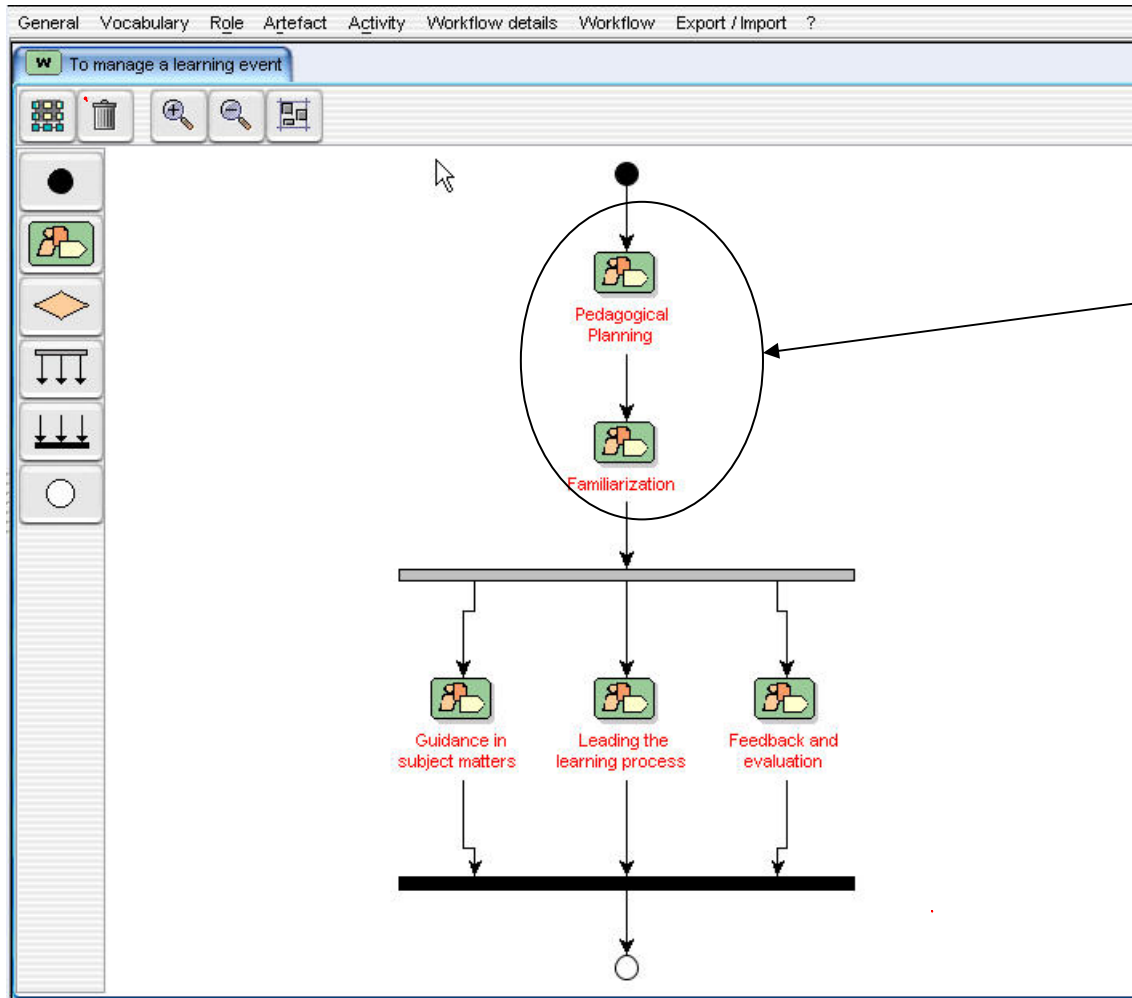




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3 WFD in parallel



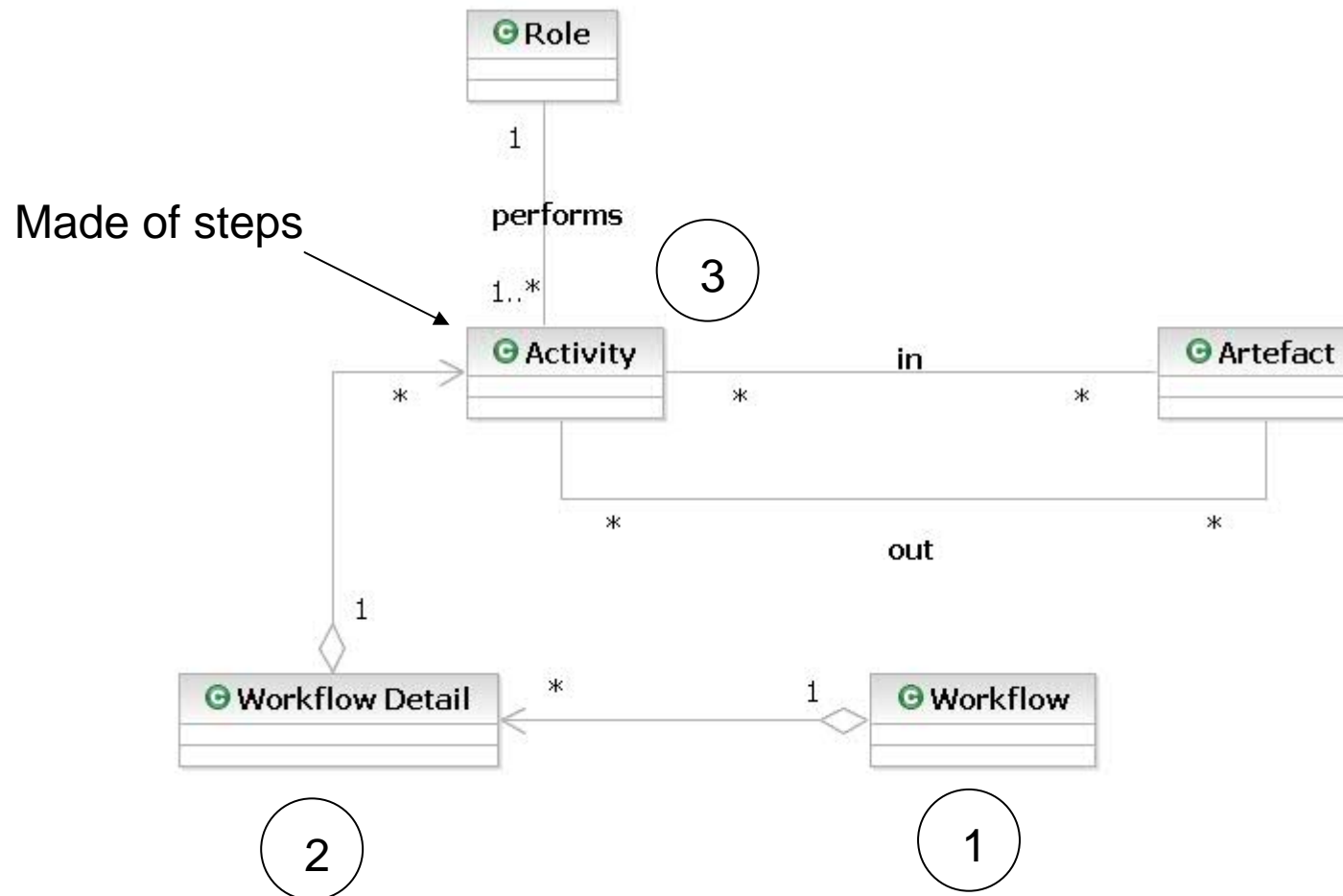
2 WFD in sequence





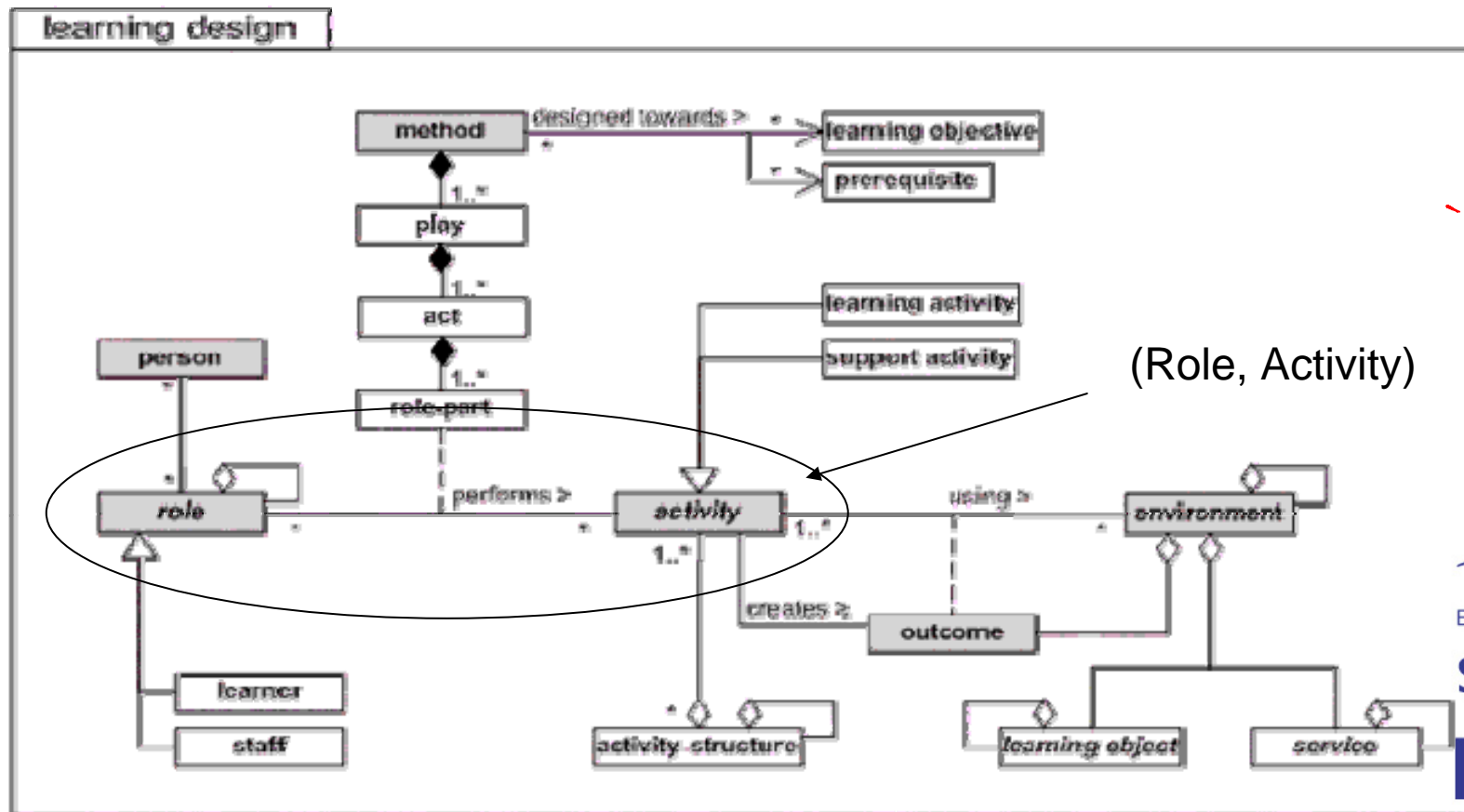
The eLUP structural model

3 levels





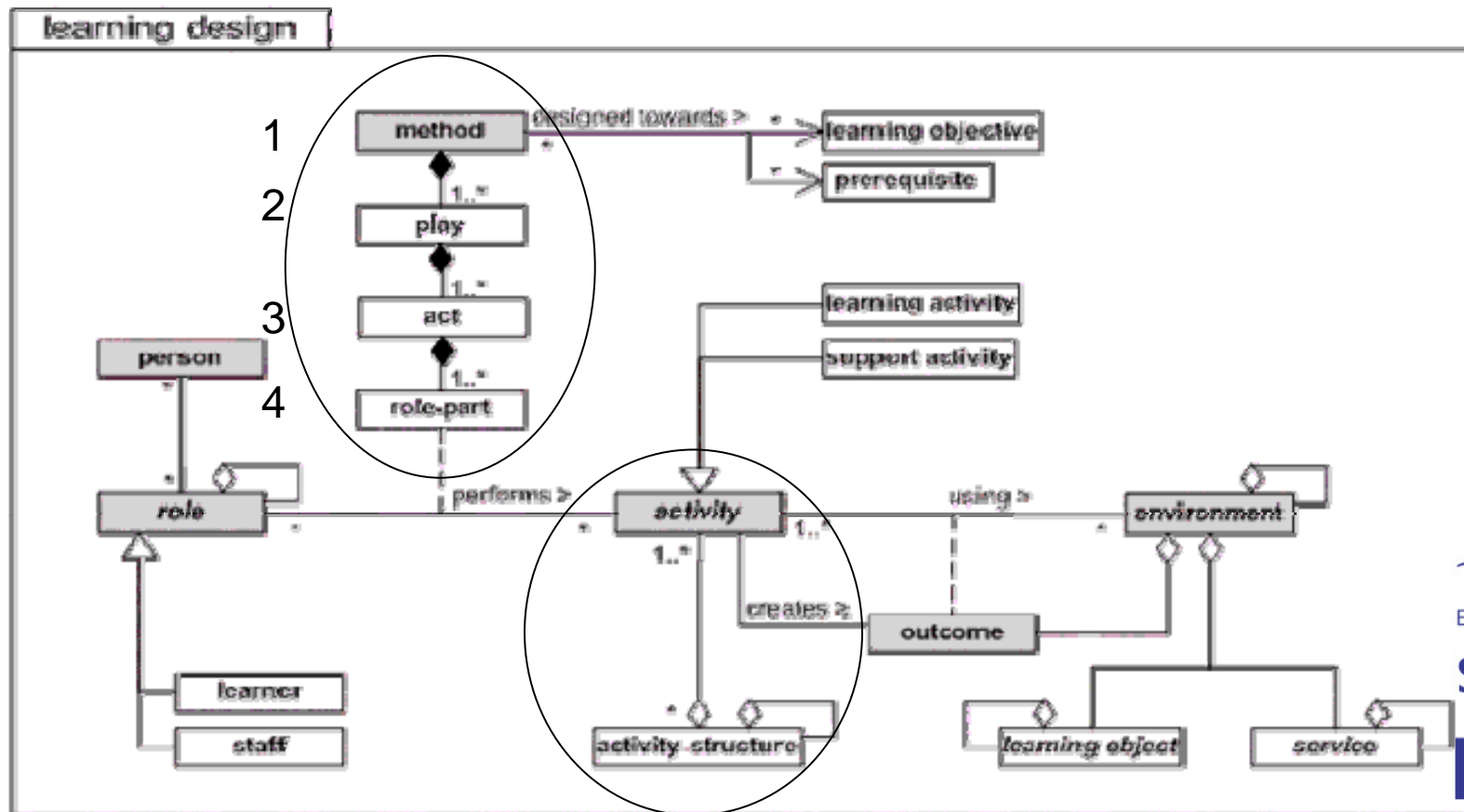
IMS LD Level A





IMS LD Level A

4 levels



For run-time purposes



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Elup and IMS-LD

- A structure at 3 levels for eLup
- A structure at 4 levels for IMS LD
- We can describe a sequence or parallel elements with eLup and IMS-LD.



Education and Culture

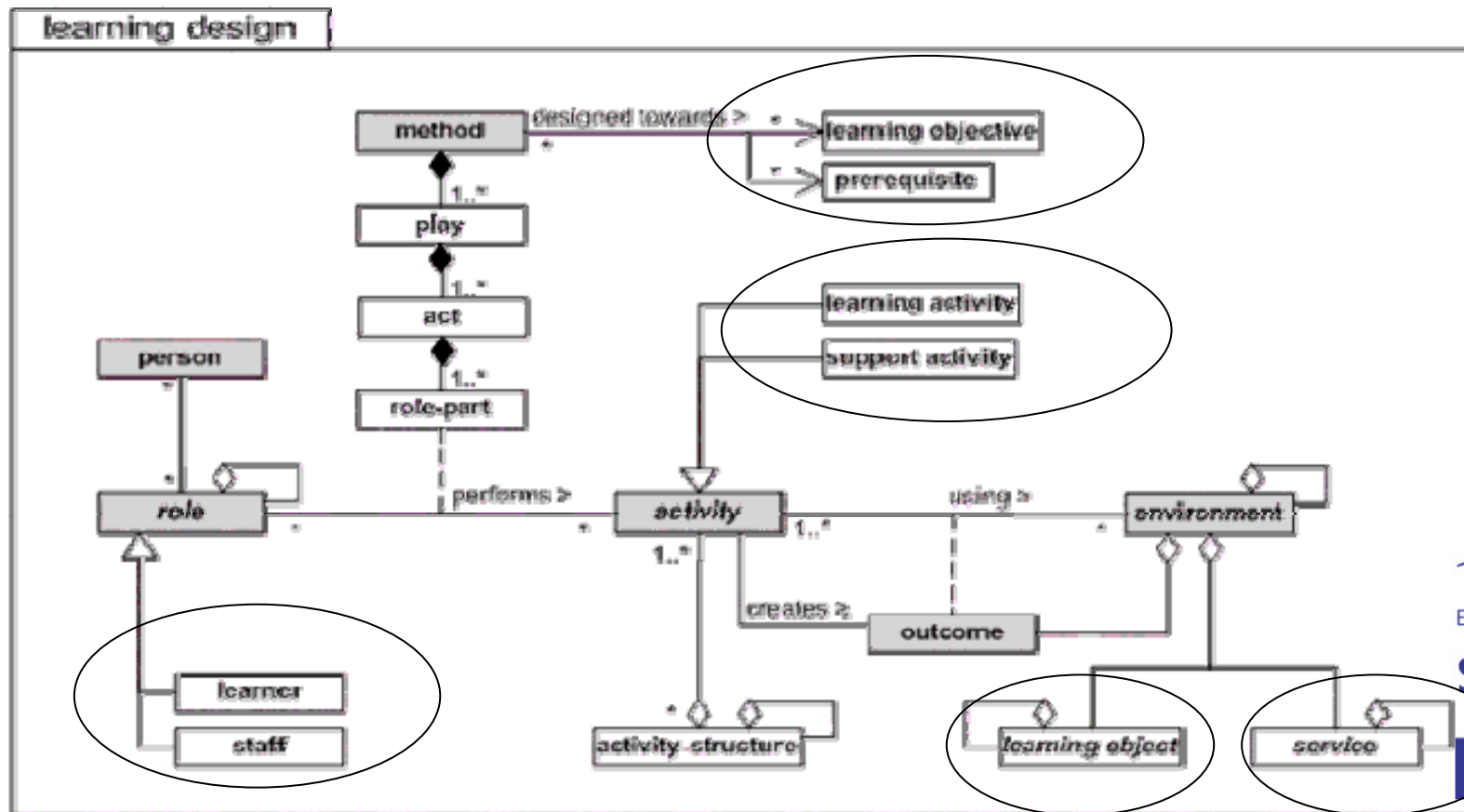
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IMS LD Level A

Educational purposes





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Educational purposes

- IMS LD: specialized concepts
- eLup: general concepts based on Unified Modeling Language
*Instances are related to the educational field.
When translating eLup models, the user has to specify the relevant information.*



Education and Culture

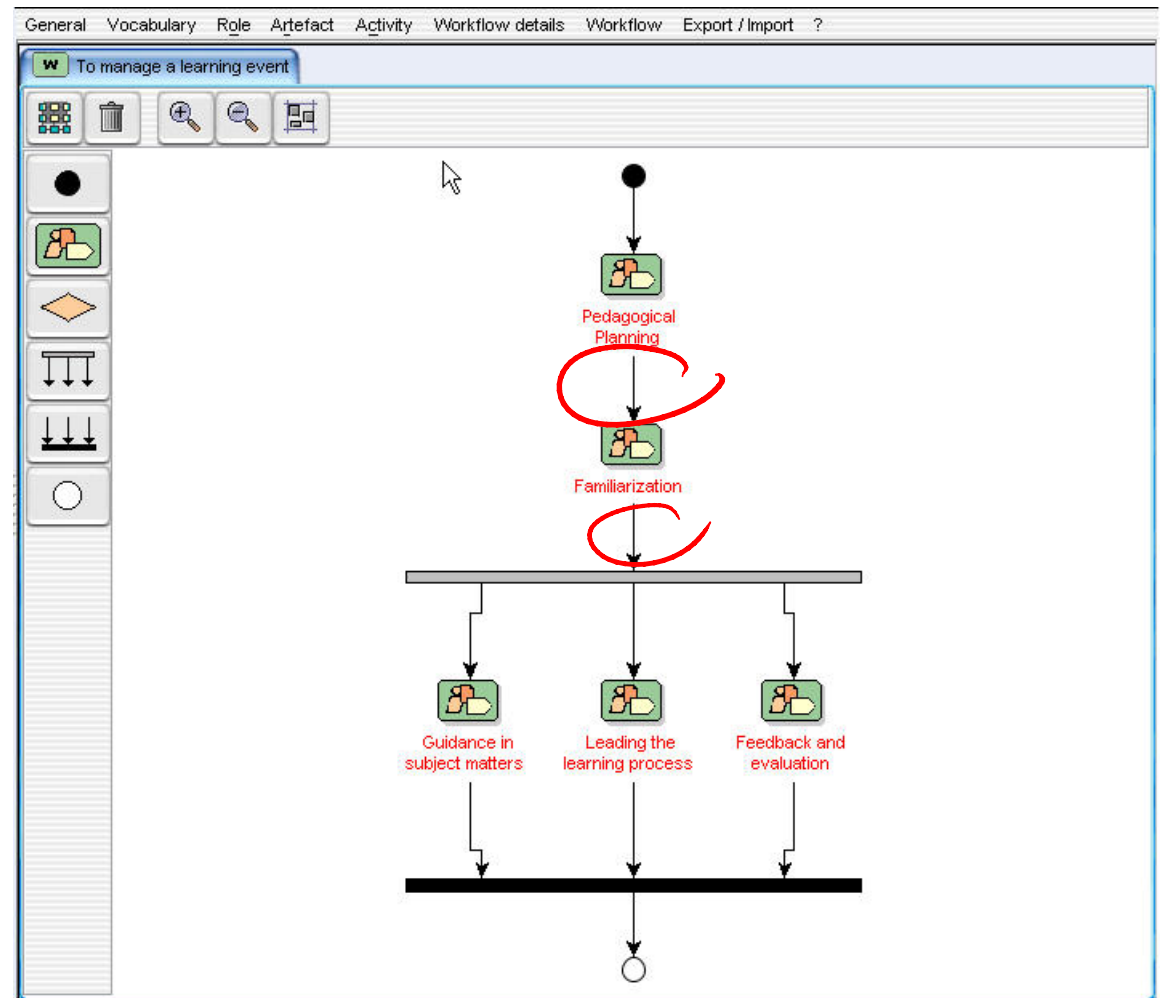
Socrates





eLup: Flow of control into flow charts

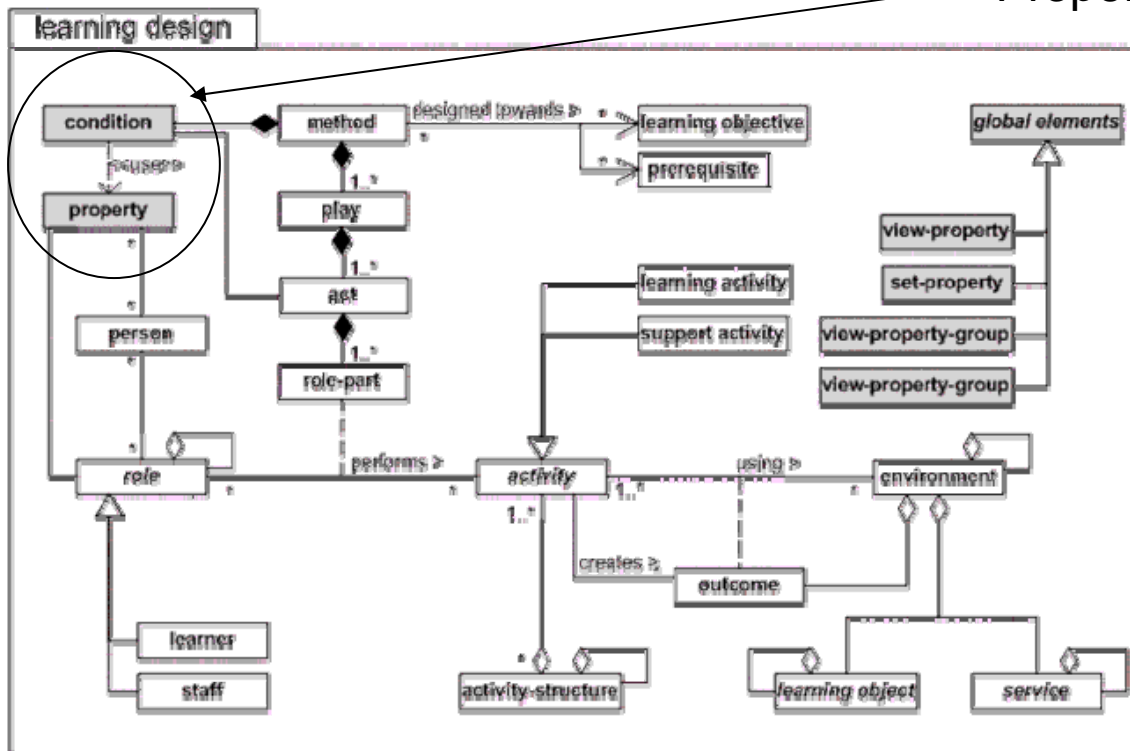
Any transition may support a condition

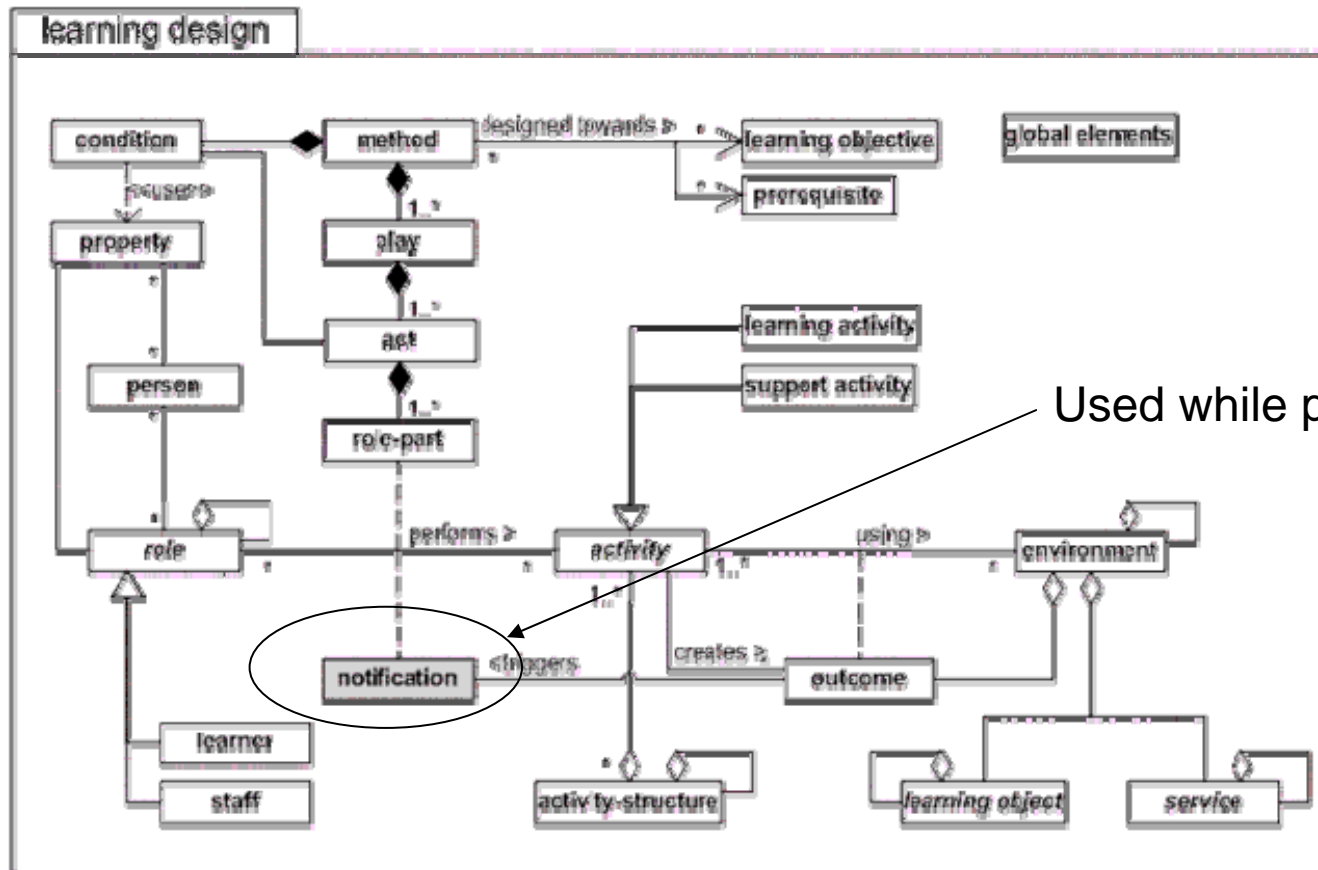




IMS LD level B and C: Flow of control

Properties linked to roles





Used while performing run-time



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eLup and IMS LD

- eLup is based on a modelling language (as IMS LD).
- IMS LD is used to perform activities in a learning environment (eLup NO)
- eLup is mainly a tool to model an organization, to produce documentation, to exchange information.



Education and Culture

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Translation of models

- eLup generates a XML file.
- With additional information (concerning educational features), these data can be translated into a XML file compliant to IMS LD level A.
- Conditions in eLup may be translated in accordance with IMS LD level B (if conditions may be related to roles).



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eLup and IMS LD

- The languages are close but not equivalent.
- They are devoted to different purposes.
- A translation may be done from eLUP to IMS LD
 - Adding some information (educational features)
 - Loosing some conditions (not in relation with roles)



Education and Culture

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