



Tools and frameworks for scripted collaborative learning

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collaboration scripts

“A Collaboration script is a set of instructions prescribing how students should form groups, how they should interact and collaborate and how they should solve the problem.”

Dillenbourg, 2002

requirements of learning design

- Phase 1: Profiling
 - What does the learner already know?
 - Where does the learner need/want to be?
 - How does my learner best learn?
- Phase 2: Strategising
 - What resource do I have at my disposal?
 - What will constitute the learning journey?
 - Who will do what?
- Phase 3: Ascertainment
 - How will I check to see my learner has achieved the learning outcomes?
 - How will I inform my learner and others about the learner's progress



IMS Learning Design (IMS-LD)

IMS-LD is a specification for a metalanguage which enables the modelling of learning processes.

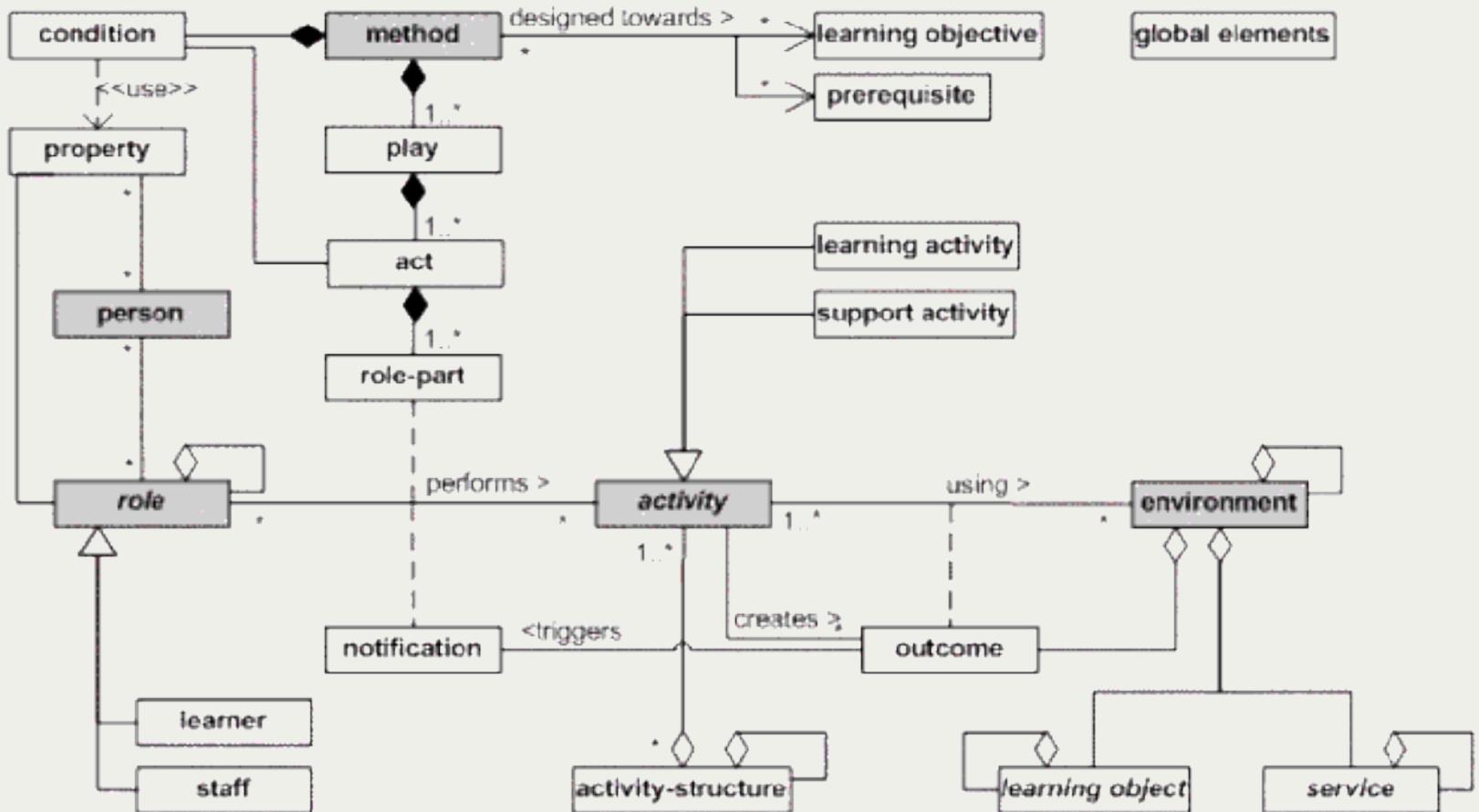
The specification is maintained by IMS Global Learning Consortium and originates in the Educational Modelling Language developed at the Open University of the Netherlands.

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```

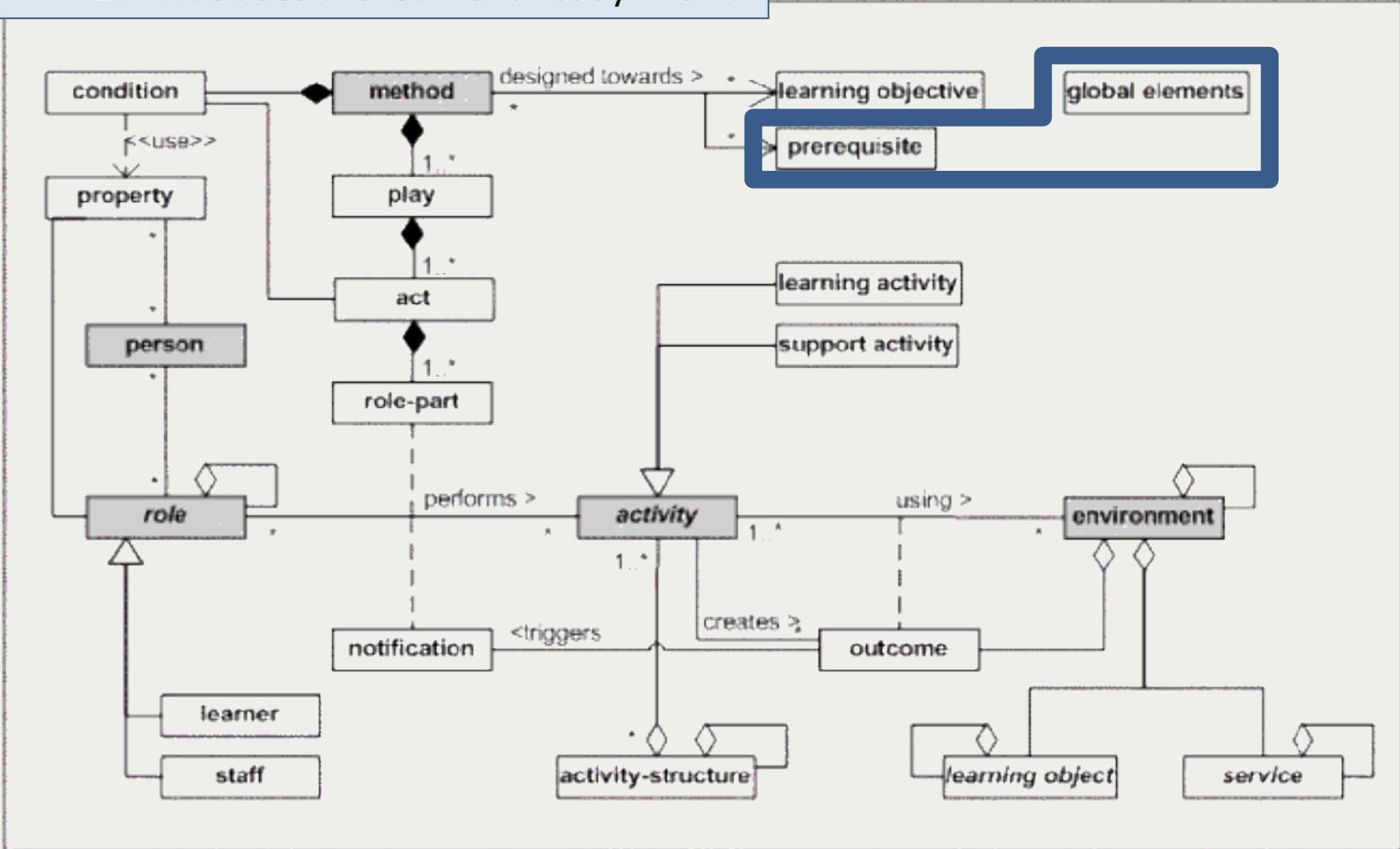


learning design



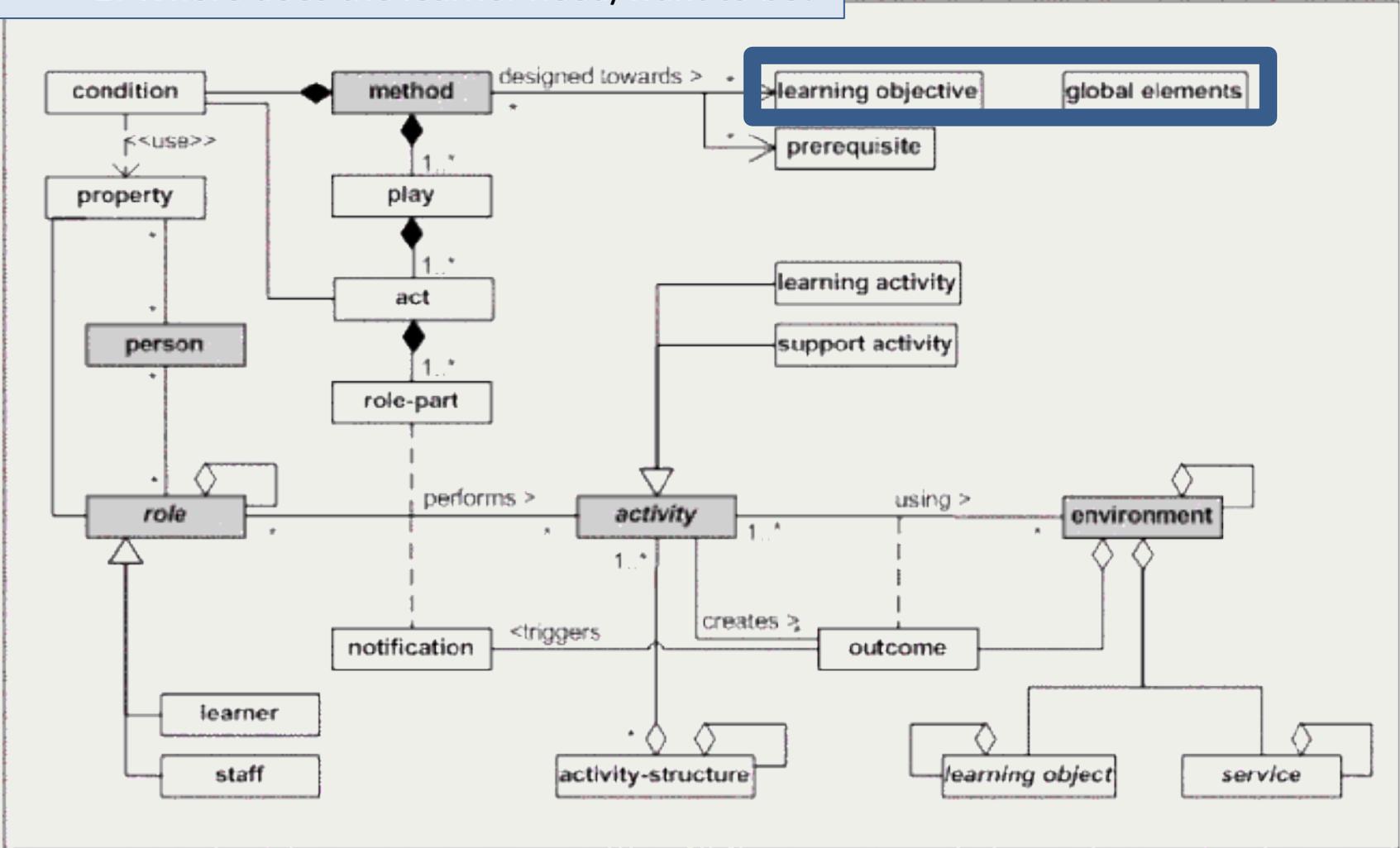


1: What does the learner already know?



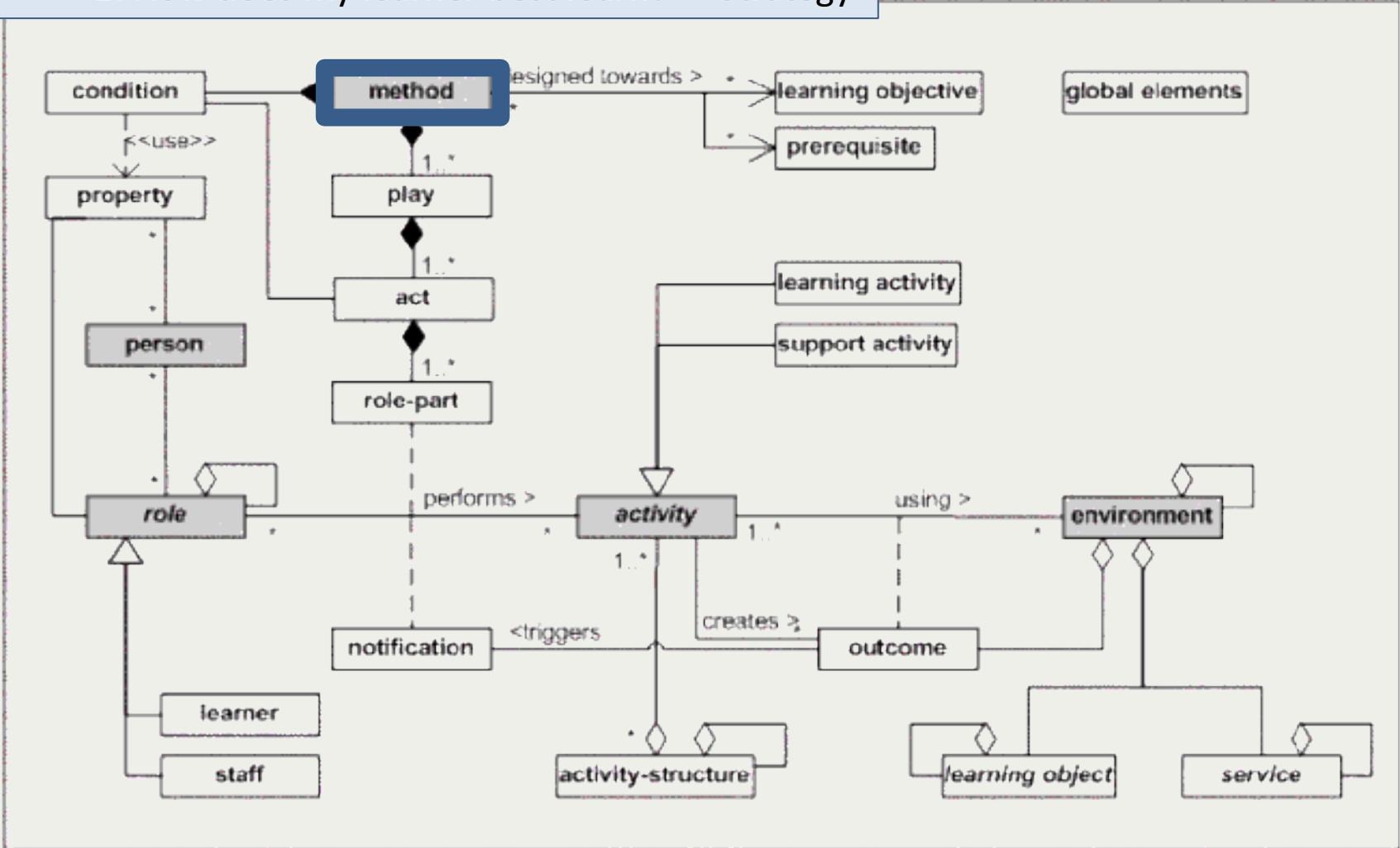


1: Where does the learner need/want to be?



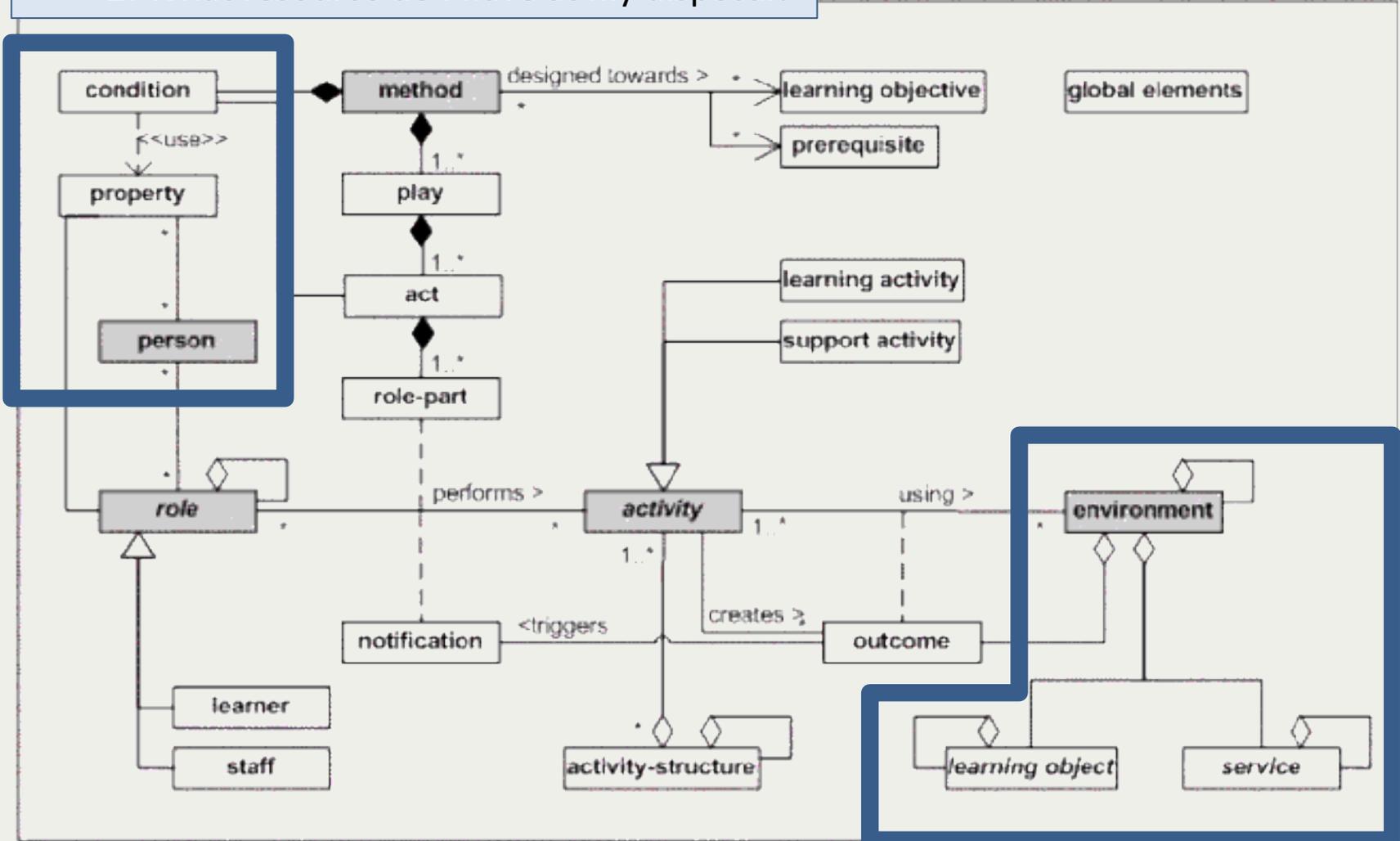


1: How does my learner best learn? -> Strategy



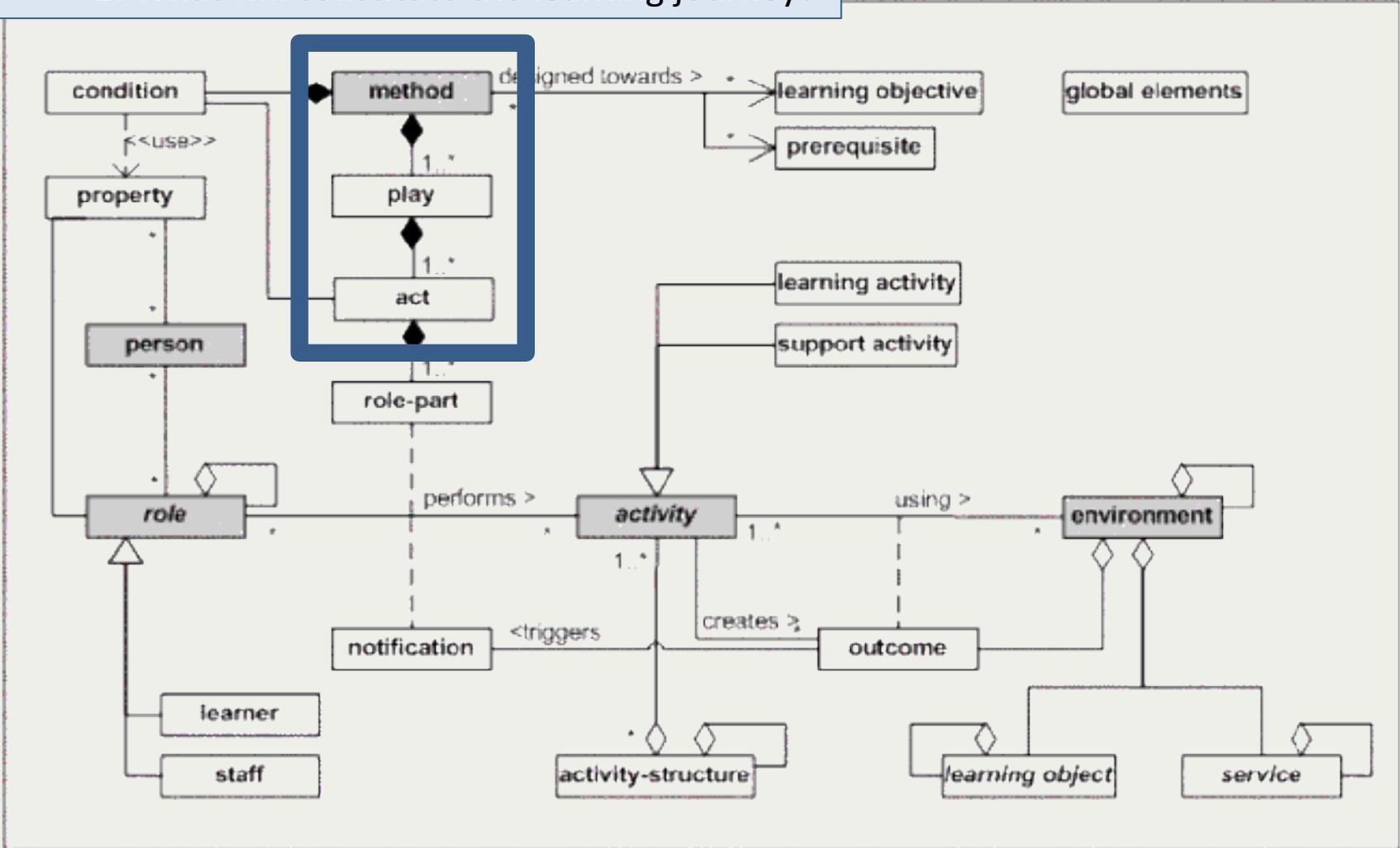


2: What resource do I have at my disposal?



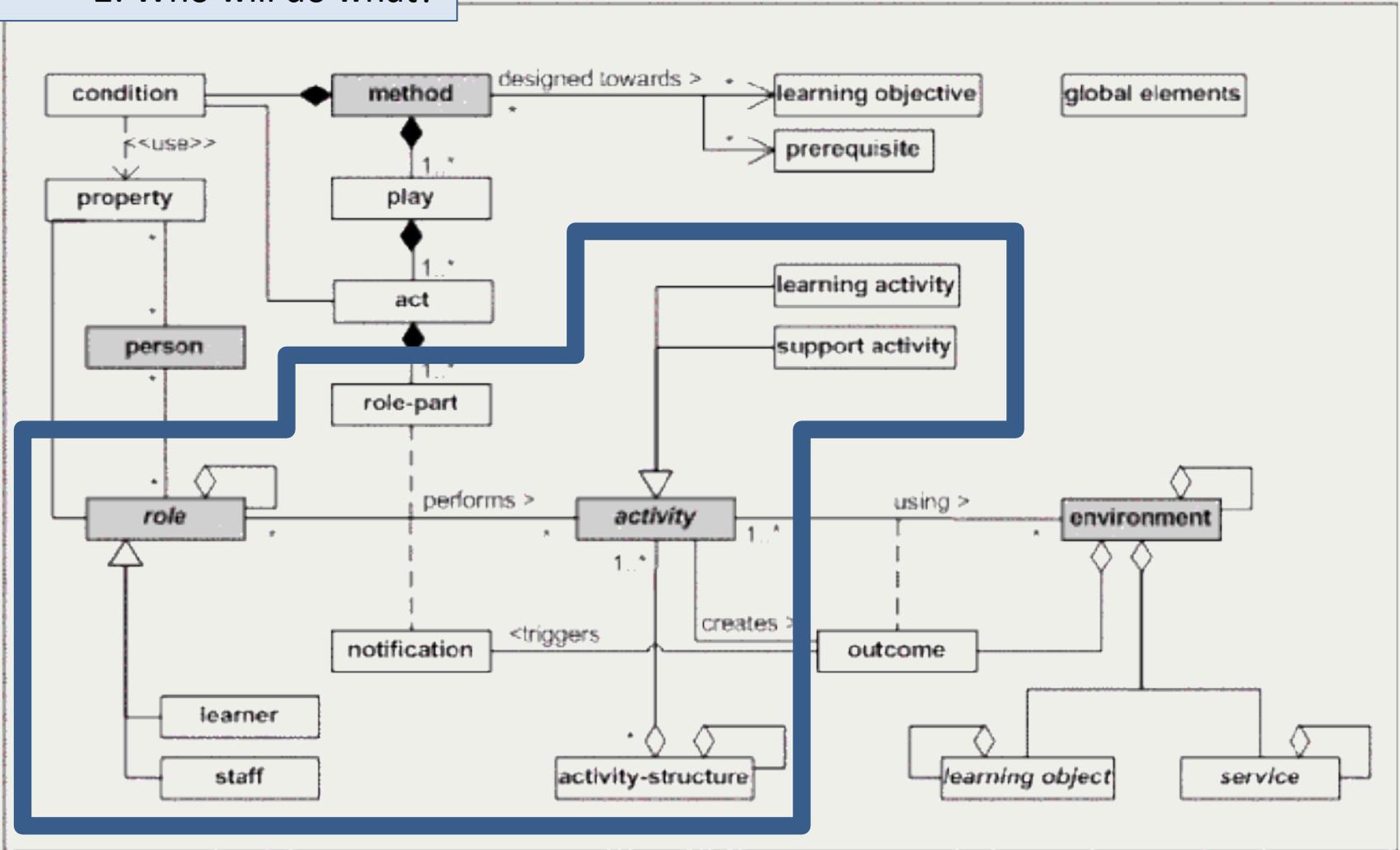


2: What will constitute the learning journey?



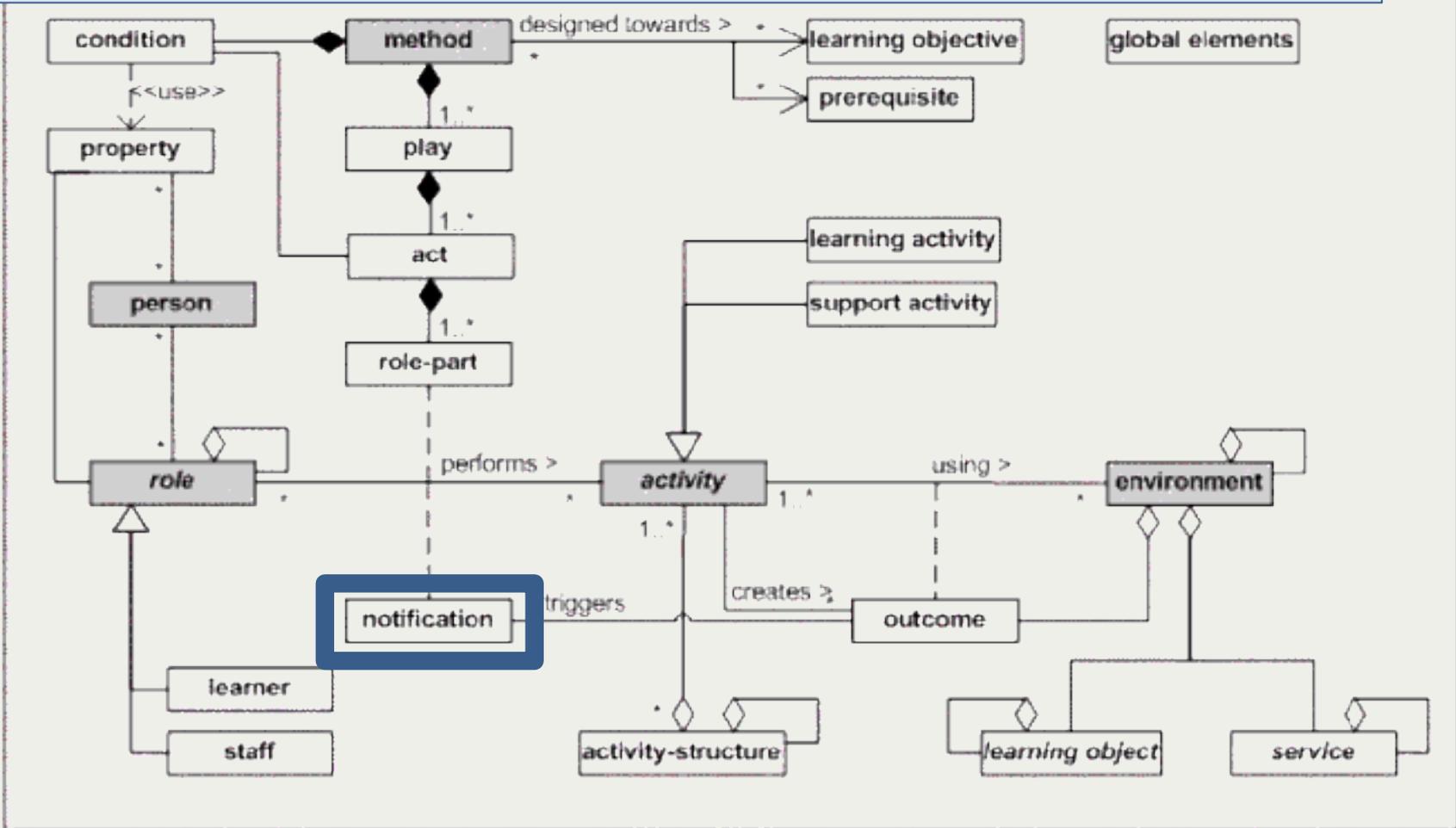


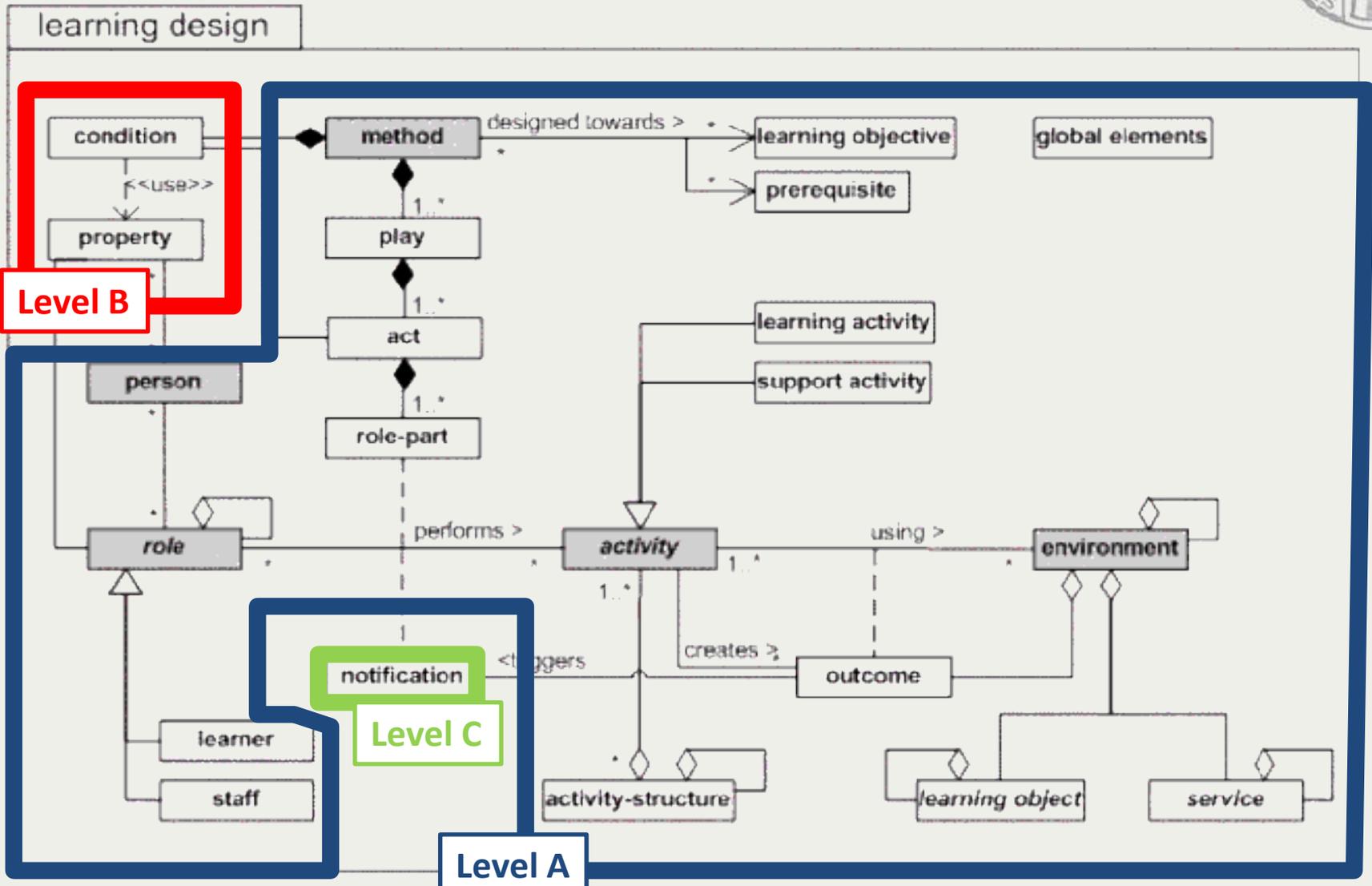
2: Who will do what?





3: How will I check to see my learner has achieved the learning outcomes?
 How will I inform my learner and others about the learner's progress?

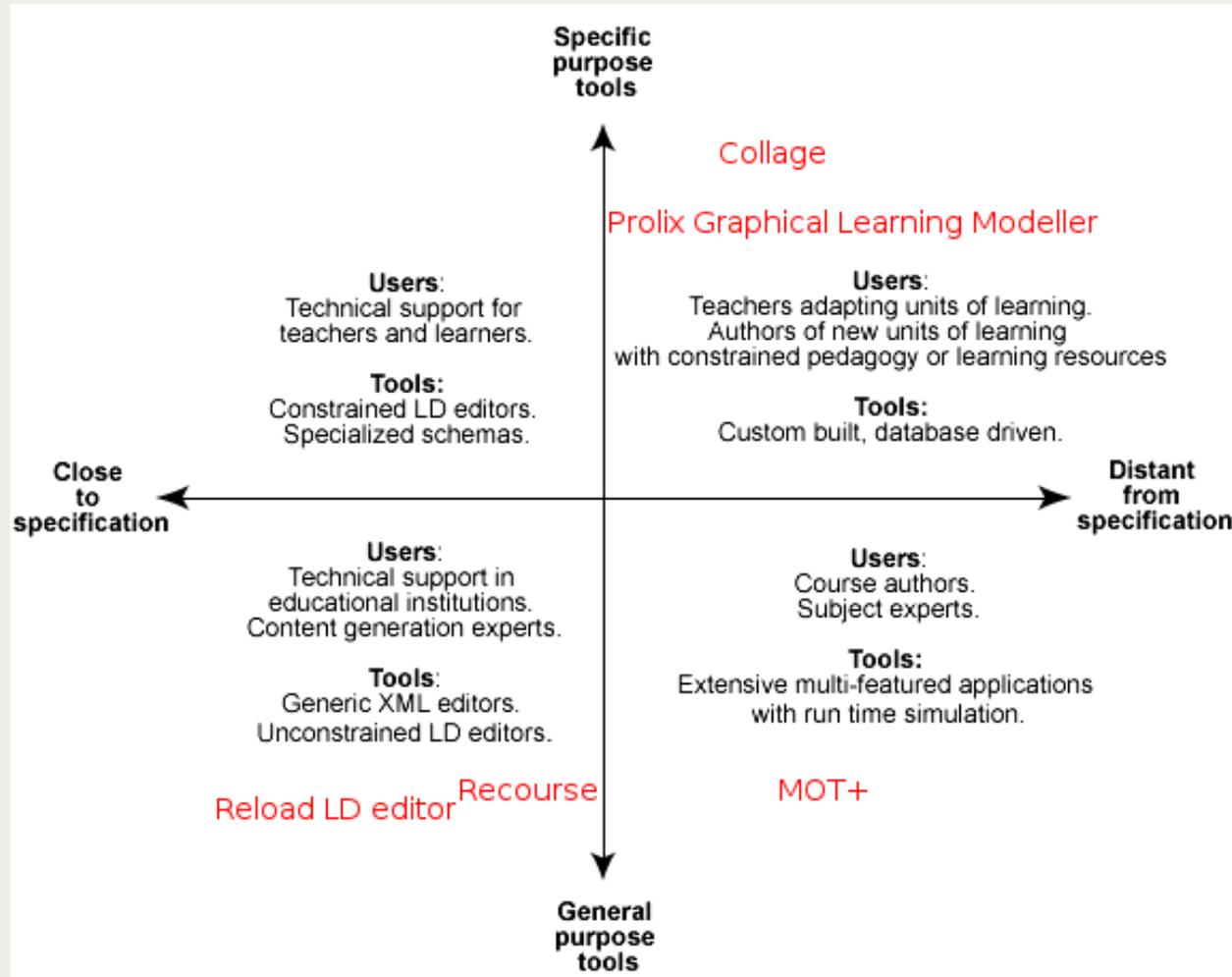




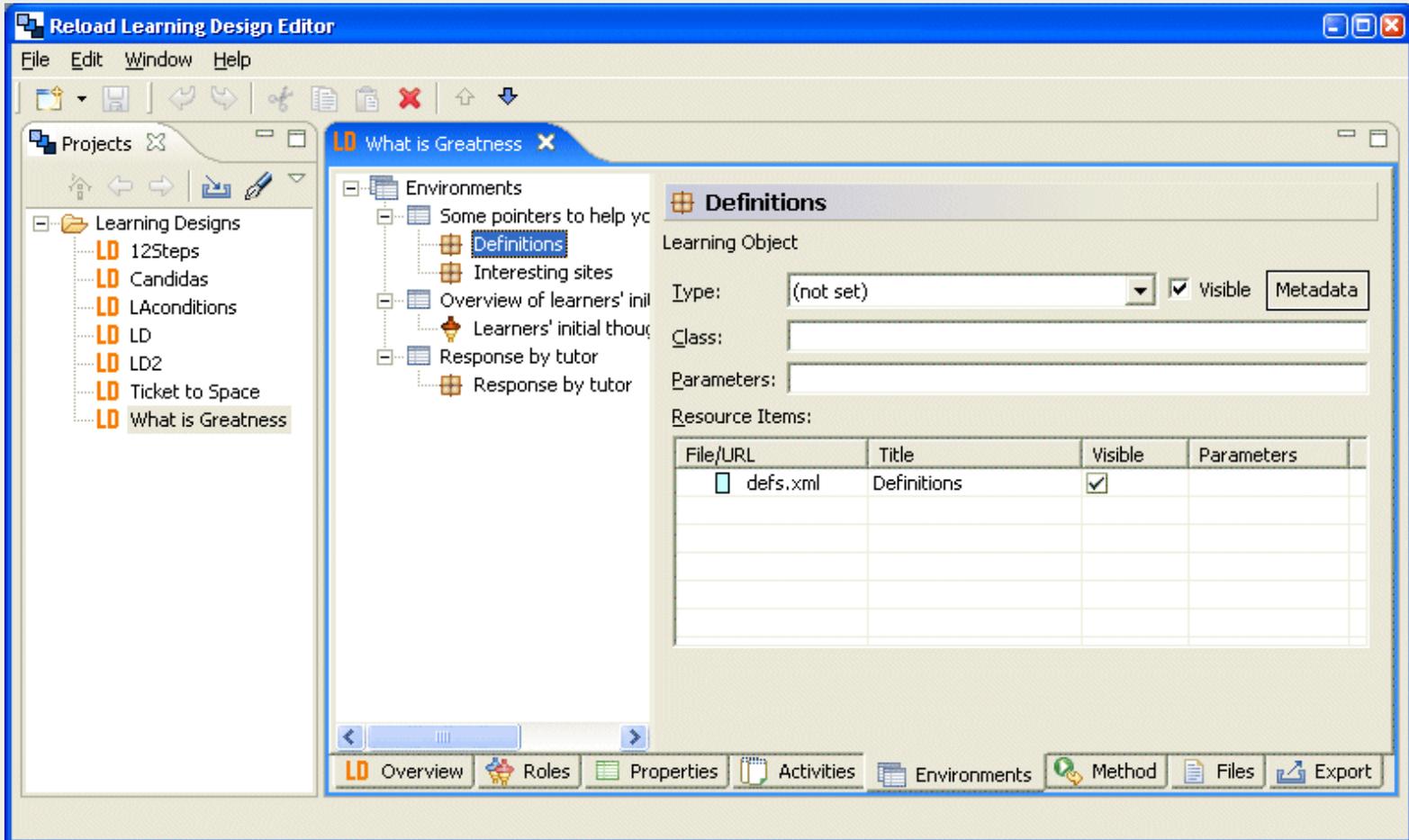


editors

- [RELOAD](#)
- [CopperAuthor](#)
- [ASK-LDT](#)
- [MOT+](#)
- ...



RELOAD Learning Design Editor



The screenshot displays the Reload Learning Design Editor interface. The main window is titled "Reload Learning Design Editor" and contains a menu bar (File, Edit, Window, Help) and a toolbar. The interface is divided into several panes:

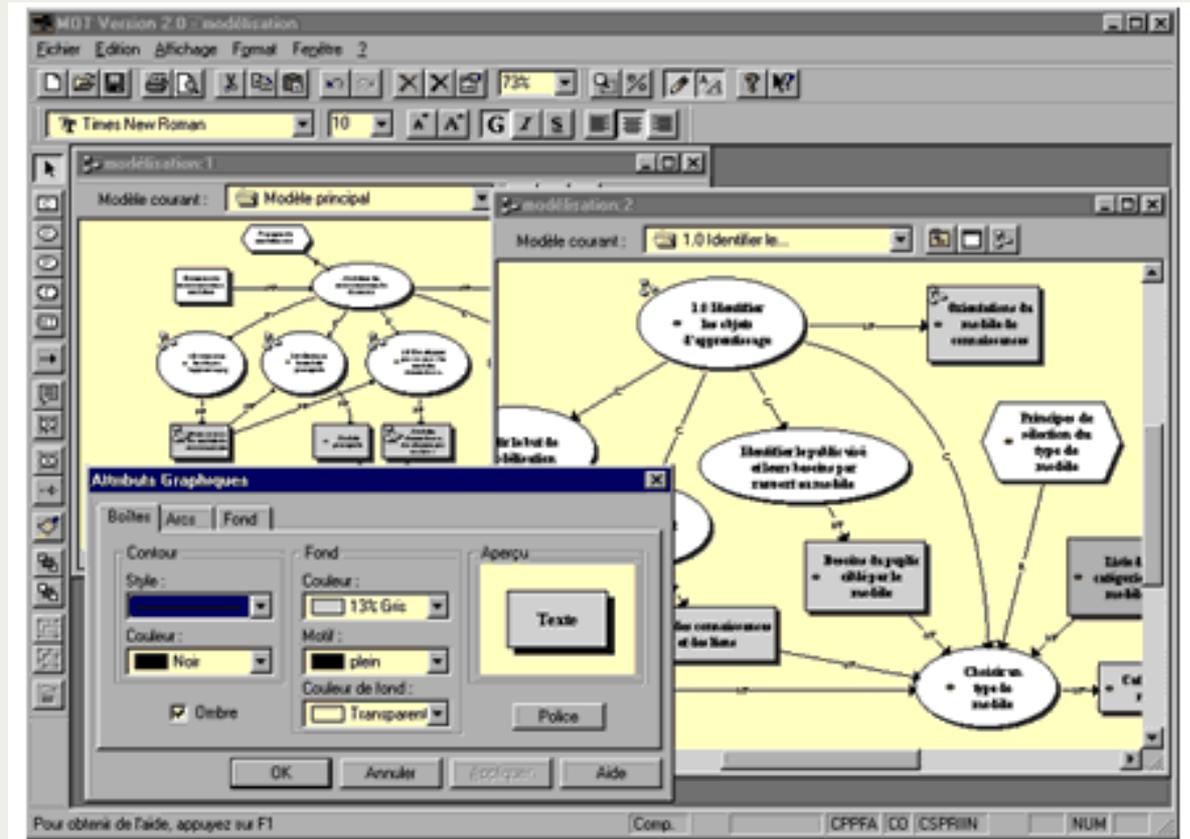
- Projects:** A tree view showing a list of Learning Designs: 12Steps, Candidas, LAconditions, LD, LD2, Ticket to Space, and What is Greatness.
- What is Greatness:** A sub-tree view showing Environments: Some pointers to help you, Definitions (selected), Interesting sites, Overview of learners' initial thoughts, Learners' initial thoughts, Response by tutor, and Response by tutor.
- Definitions:** A panel for editing a Learning Object. It includes fields for Type (set to "(not set)"), Class, and Parameters. There are checkboxes for "Visible" and "Metadata".
- Resource Items:** A table listing resource items.

File/URL	Title	Visible	Parameters
defs.xml	Definitions	<input checked="" type="checkbox"/>	

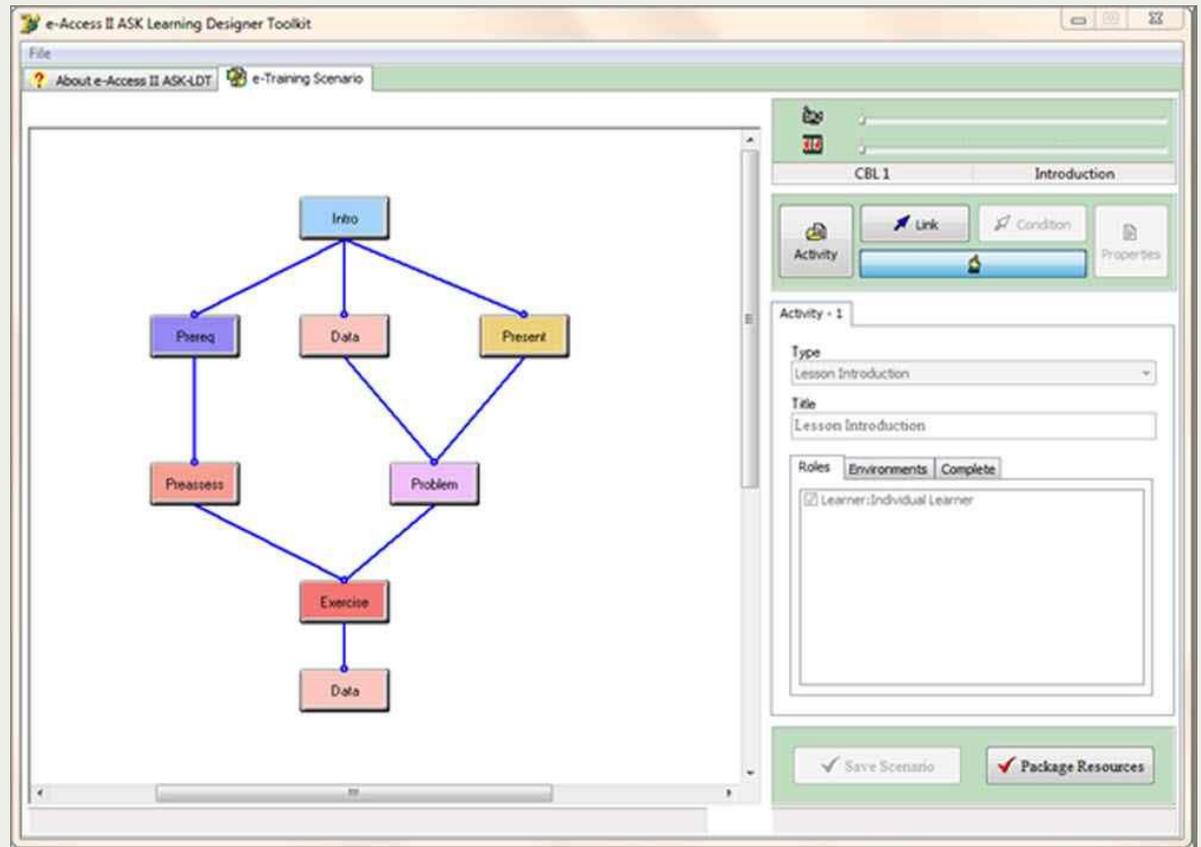
At the bottom of the window, there is a navigation bar with buttons for Overview, Roles, Properties, Activities, Environments, Method, Files, and Export.

MOT+

Supports OWL-DL,
Databases, ...



ASK Learning Designer Toolkit (ASK-LDT)

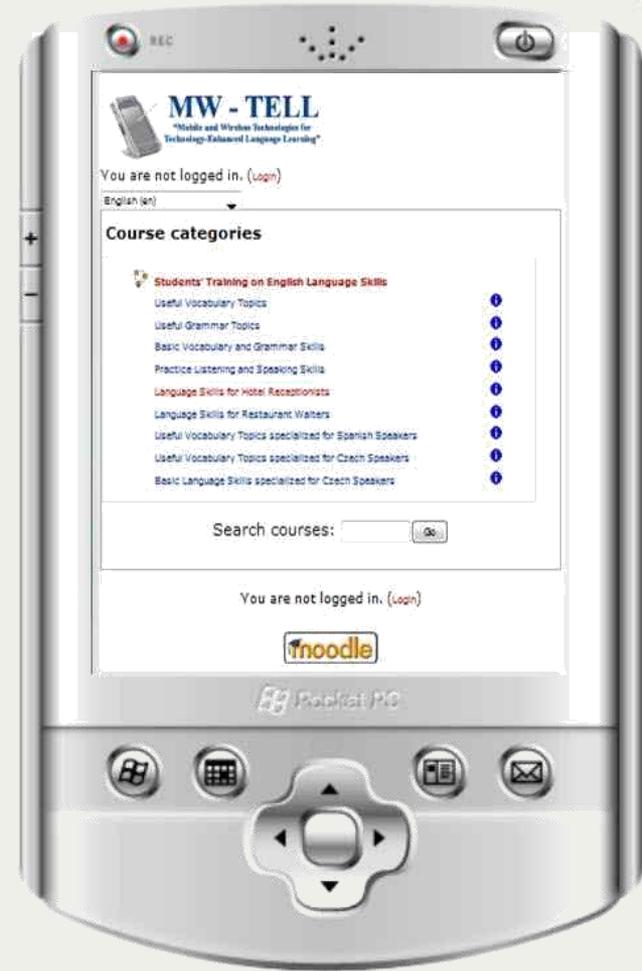




http://www.ask4research.info/Site_Images/Products/ASK_Sloodle.jpg

ASK-3D-Virtual-Classroom

ASK-Mobile-Moodle



http://www.ask4research.info/Site_Images/Products/ASK_Sloodle.jpg