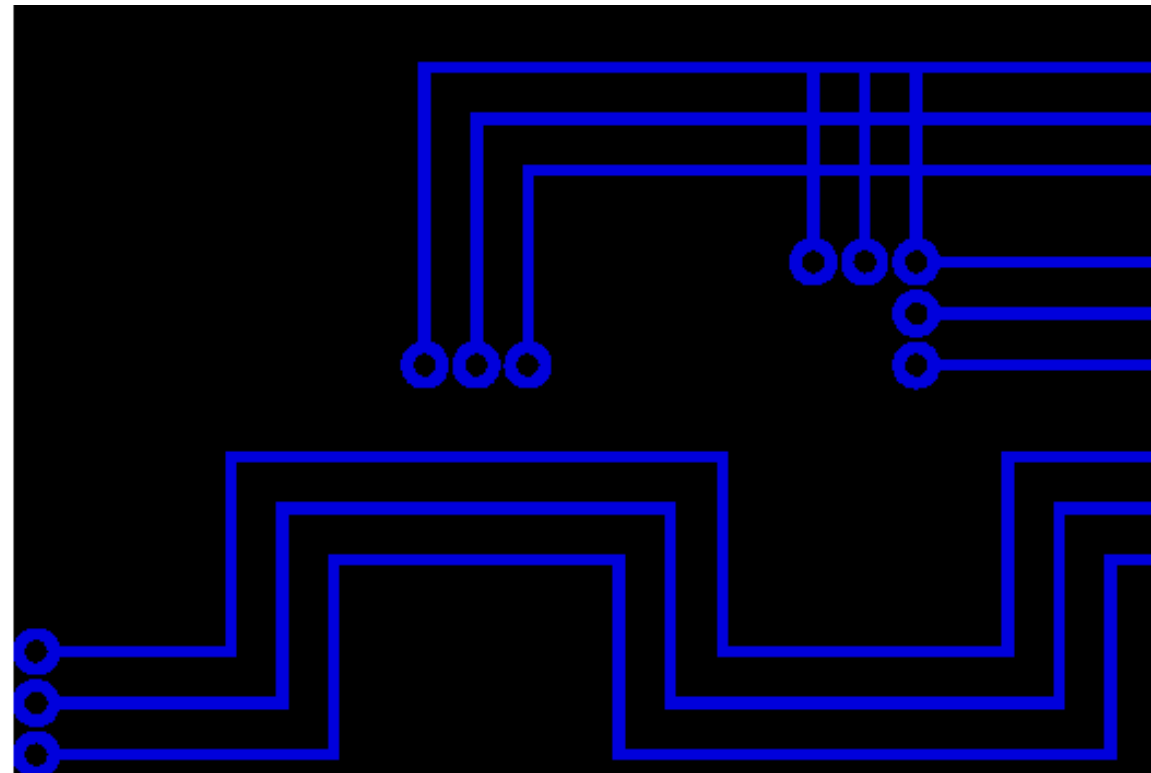


Service Modeling II

© Leonard Wallezký



Why do we need diamonds?

We need to describe things

And their relations

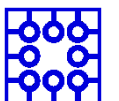
In some given context

Then we need to organize/plan operations

And execute them in some time perspective

Our natural language is

- Redundant
- Ambiguous



4 diamonds

See

- Describing things (objects) and basic relations

Recognize

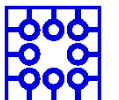
- Adding context to relations

Organize

- How agents behave to recognized objects, what kind of operations we can do

Do

- Executing planned operations and getting results



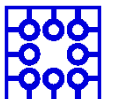
See

We are projecting the seen object in our mind

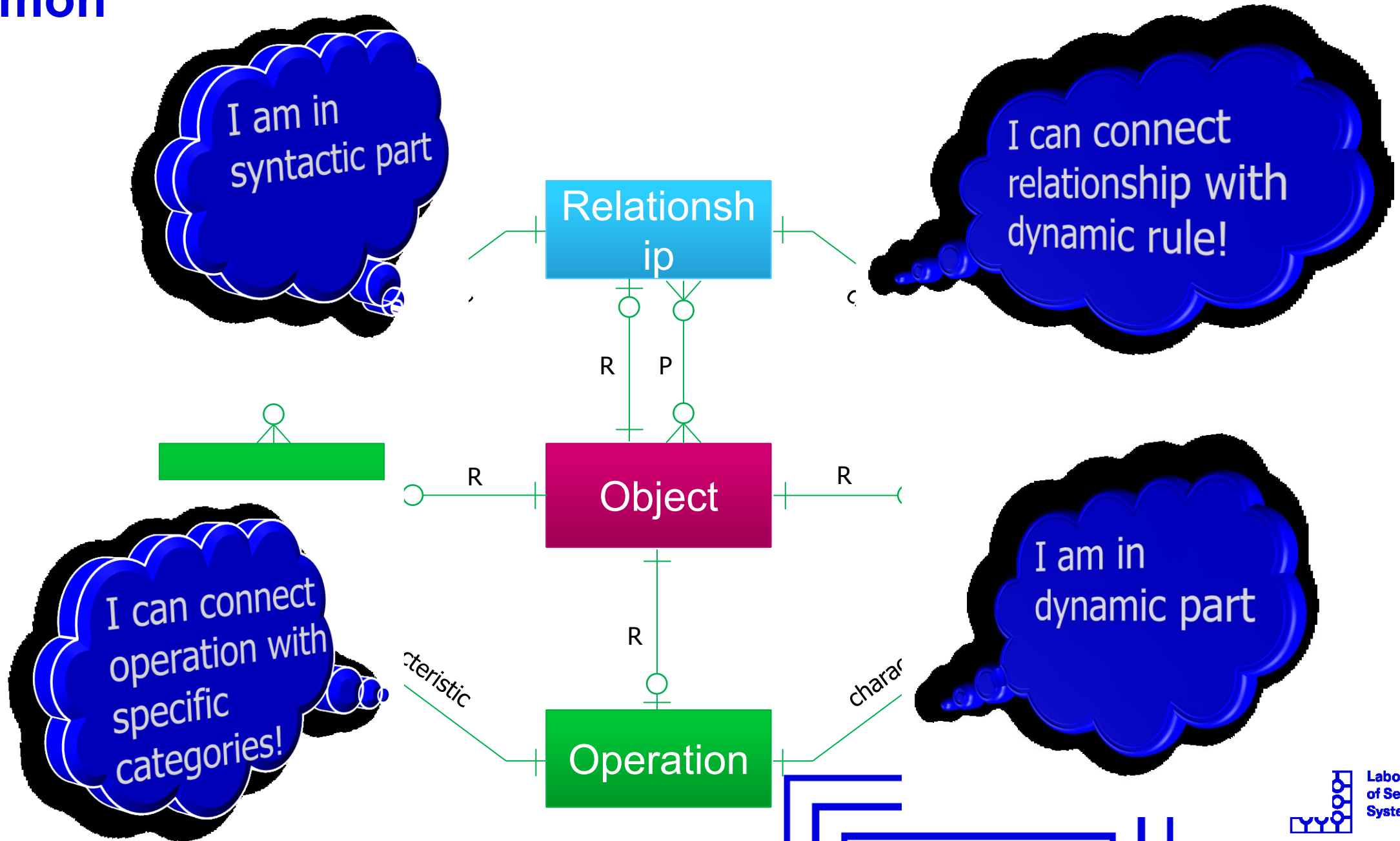
It has

- Particular shape or form
- There can be some different varies of this object
- It can be used for some purposes
- Using this object is under some rules

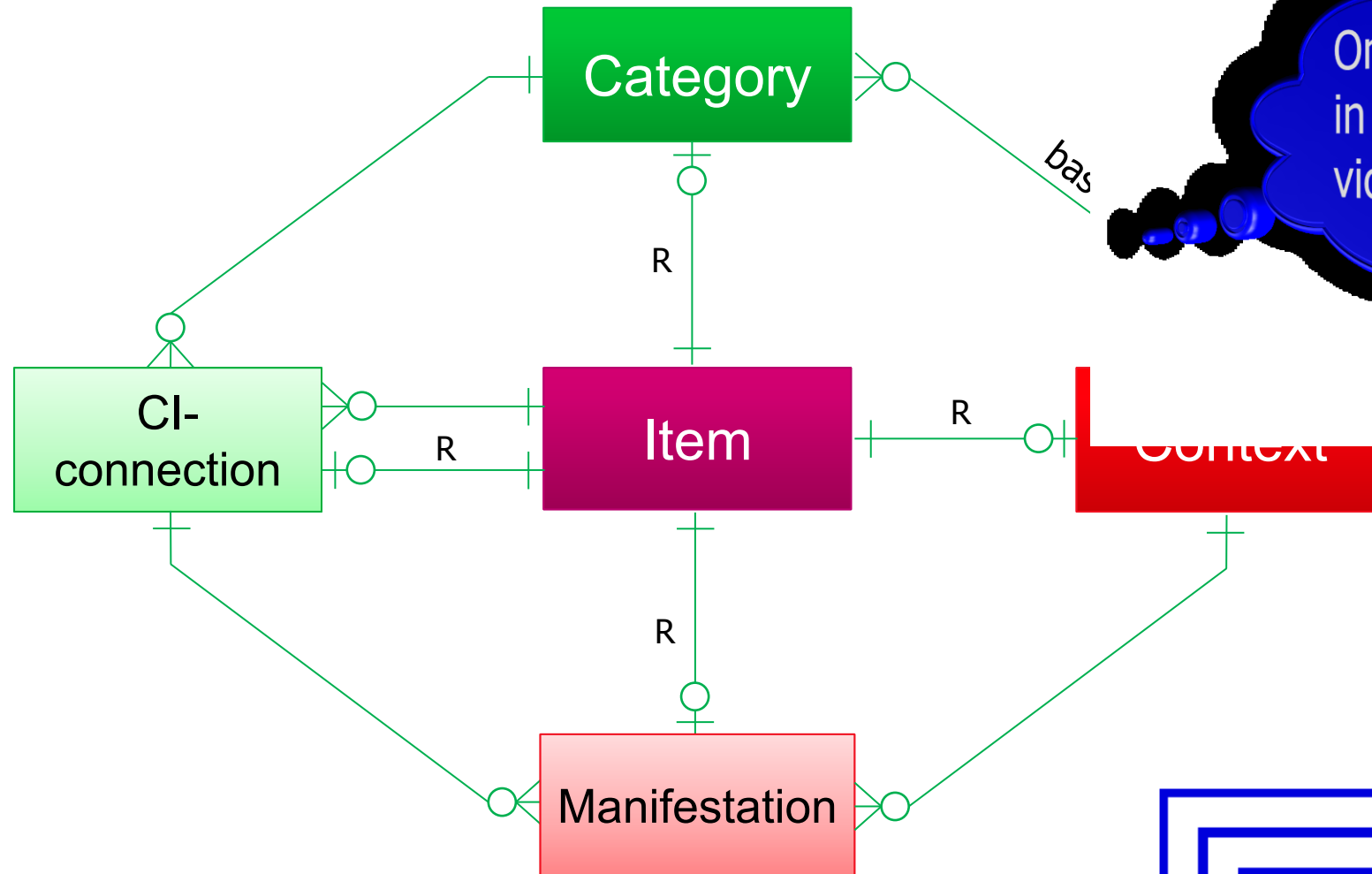
There can be connections to other objects



Diamond



Diamond Recognize

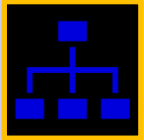


One category can exist in more contexts and vice versa.

3rd diamond



Organizing diamond

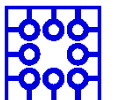


How is your life / position / work organized

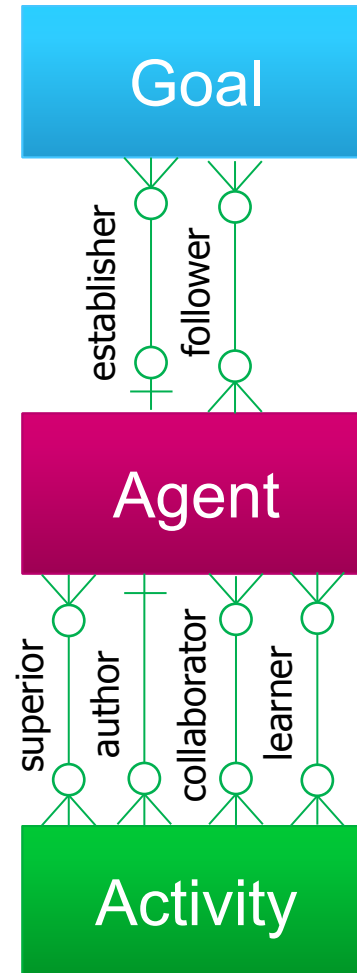


How can be some agent

member of some team
working on projects
educated or taught someone



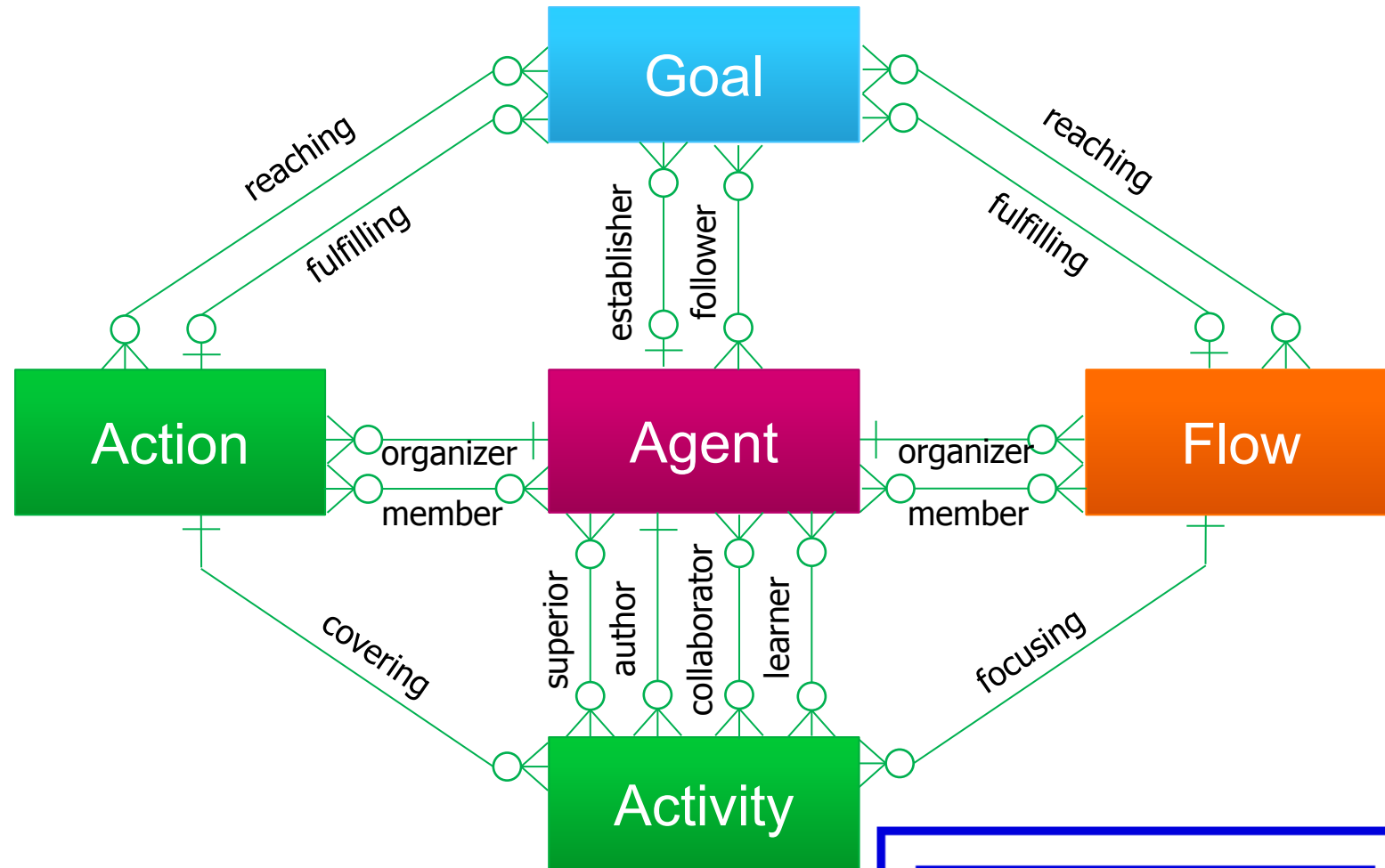
Diamond of Agent-Team Organization



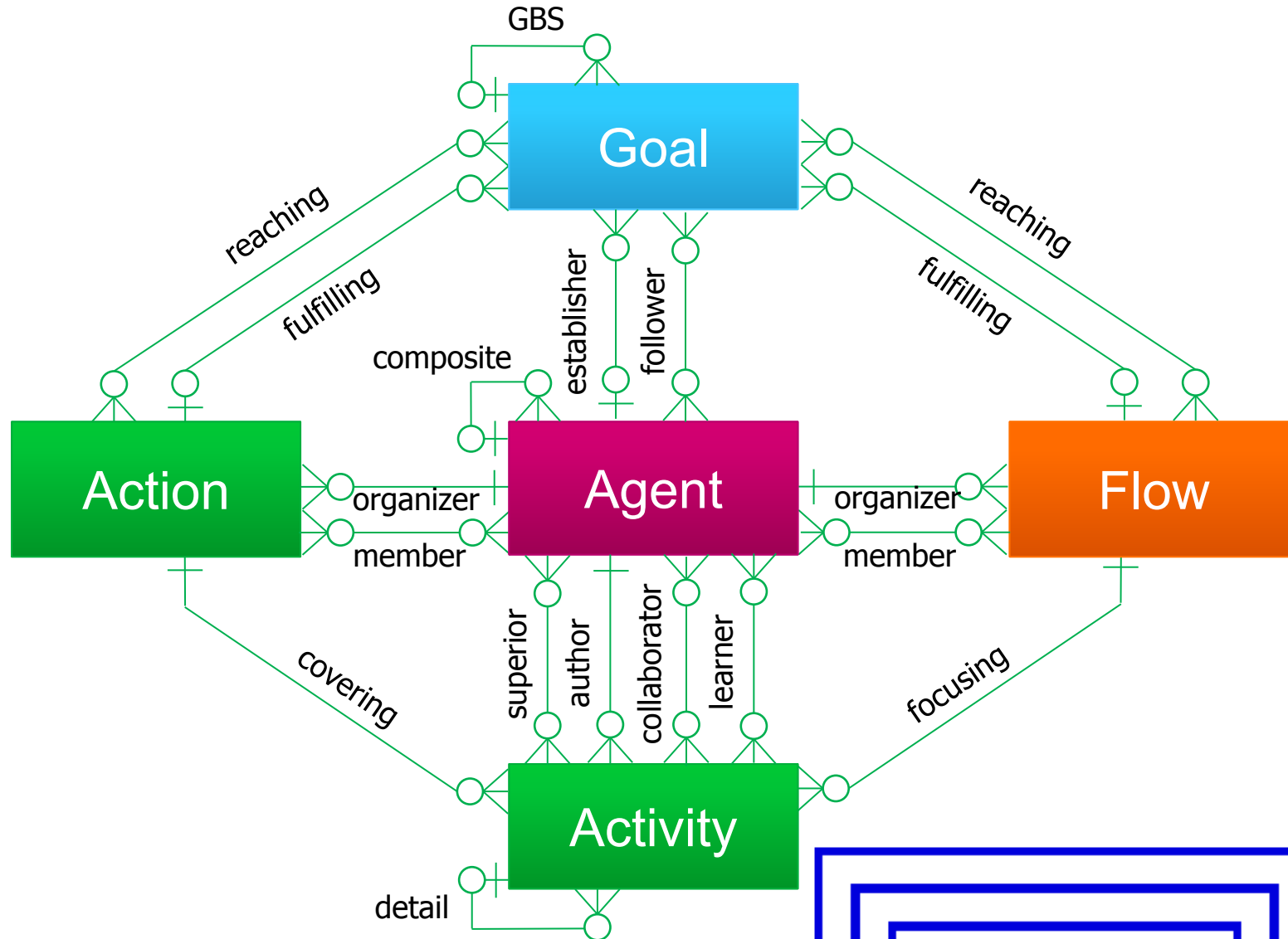
Diamond of Agent-Team Organization



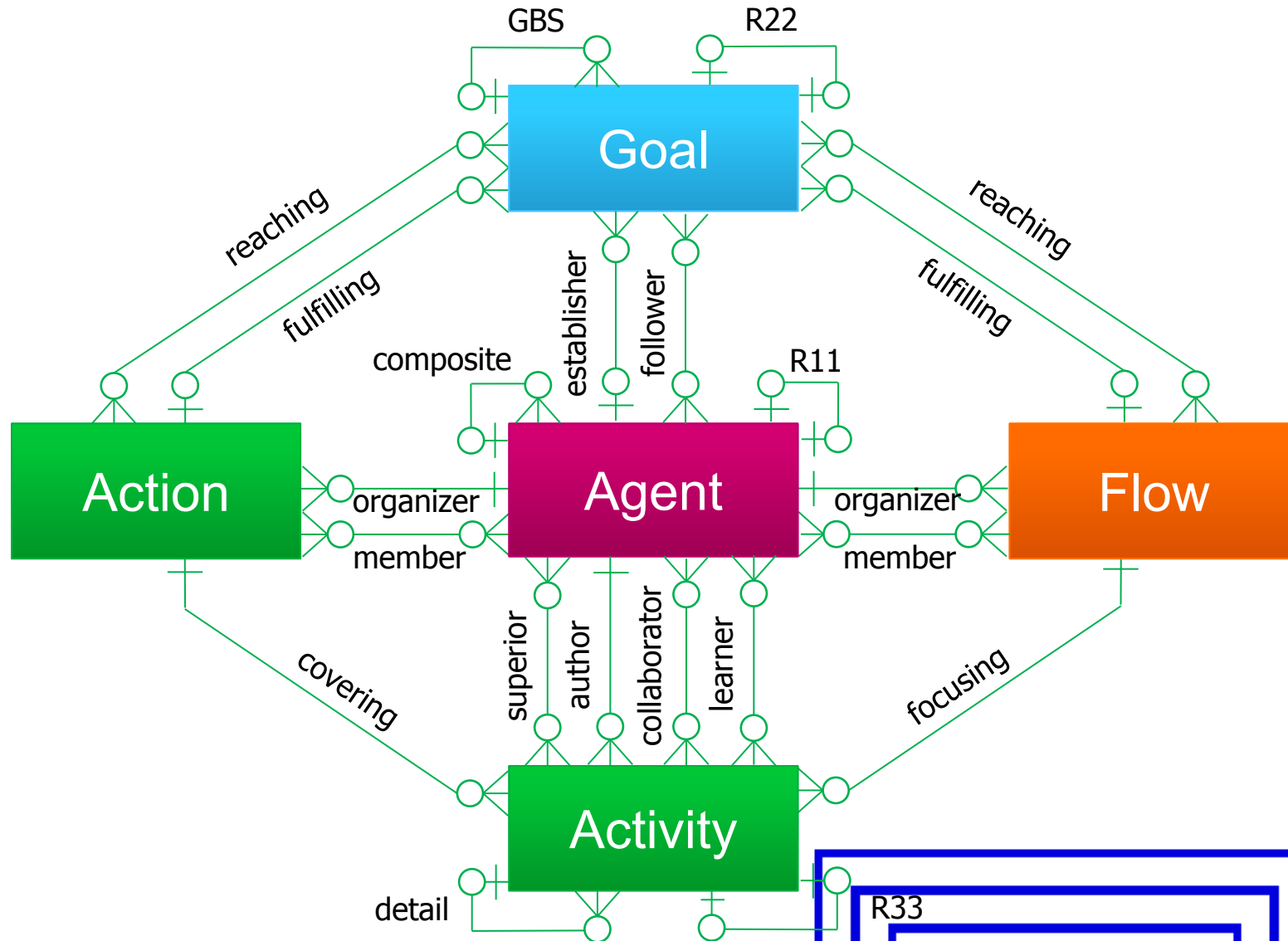
Diamond of Agent-Team Organization



Diamond of Agent-Team Organization



Diamond of Agent-Team Organization

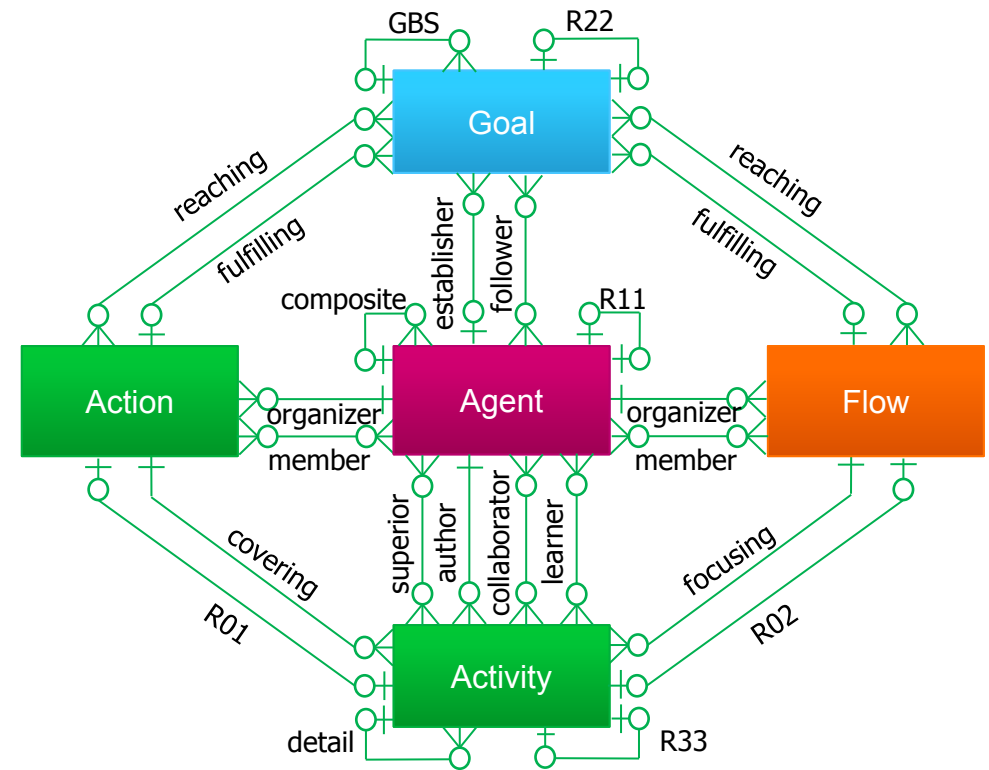


Diamond of Organization - Summary

Matrix-based organization: Action vs. Flow

Activity vs. Action / Flow

R-edges



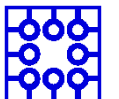
4th Diamond - DO

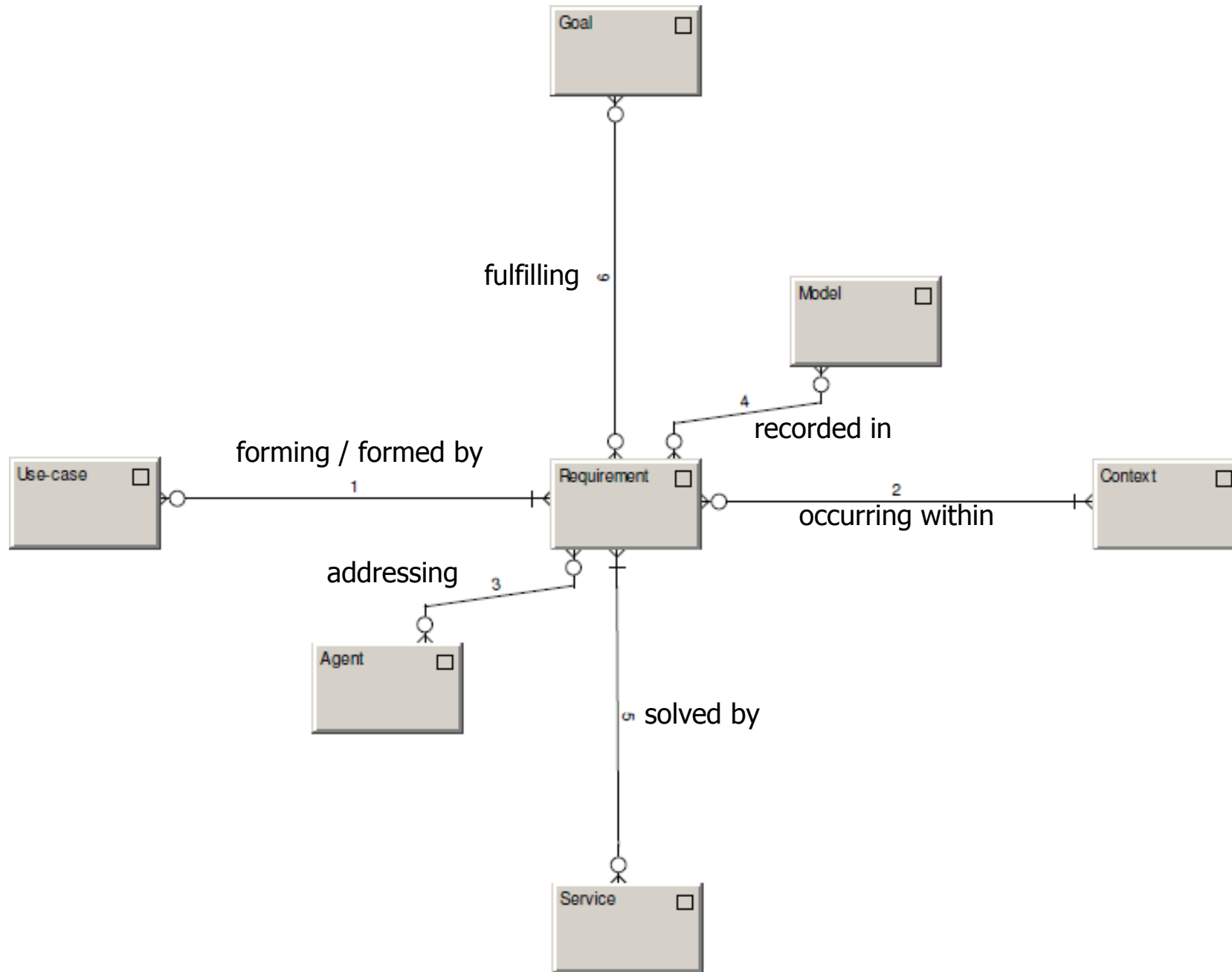
Describing the service environment

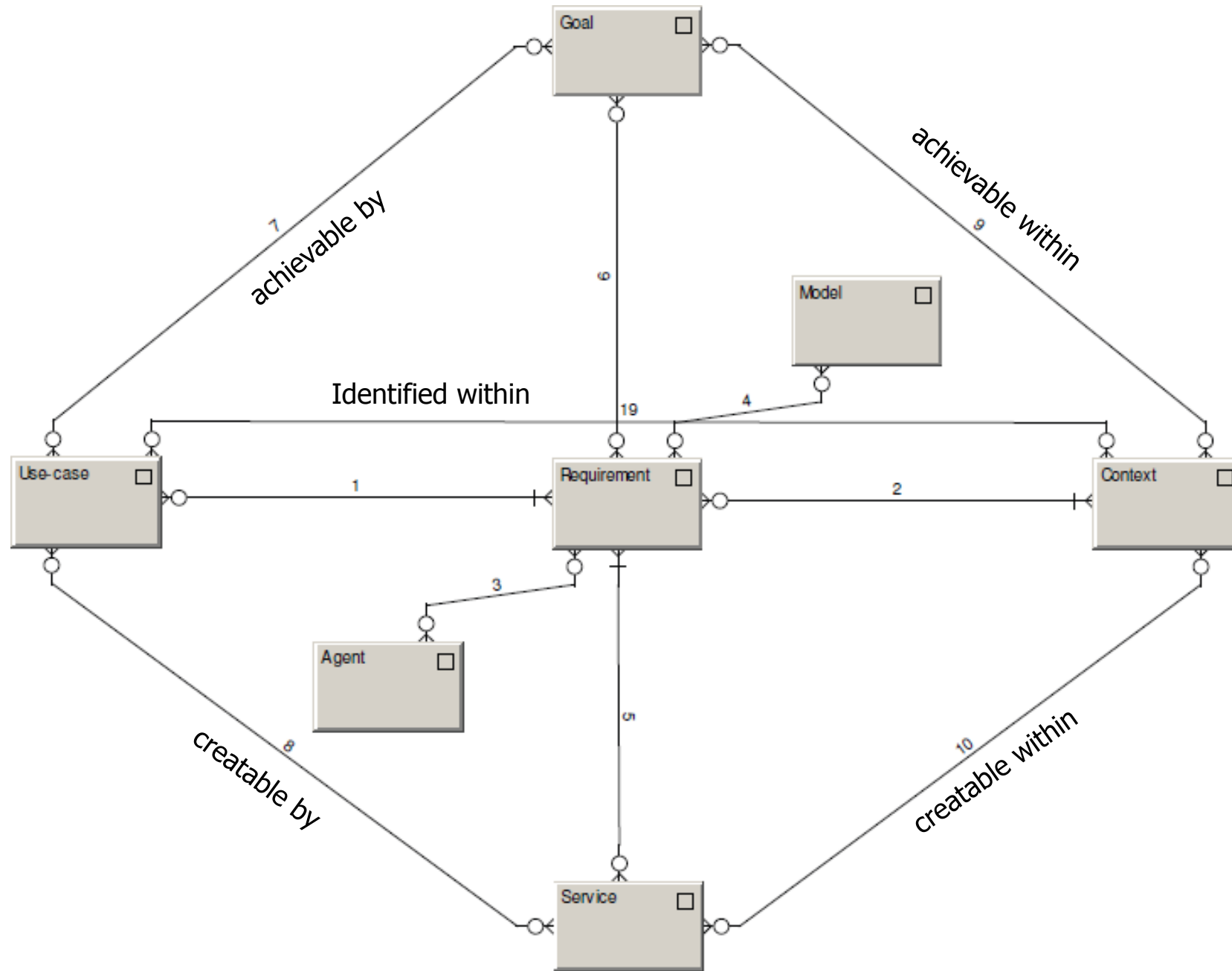
Illustrating how the service is provided

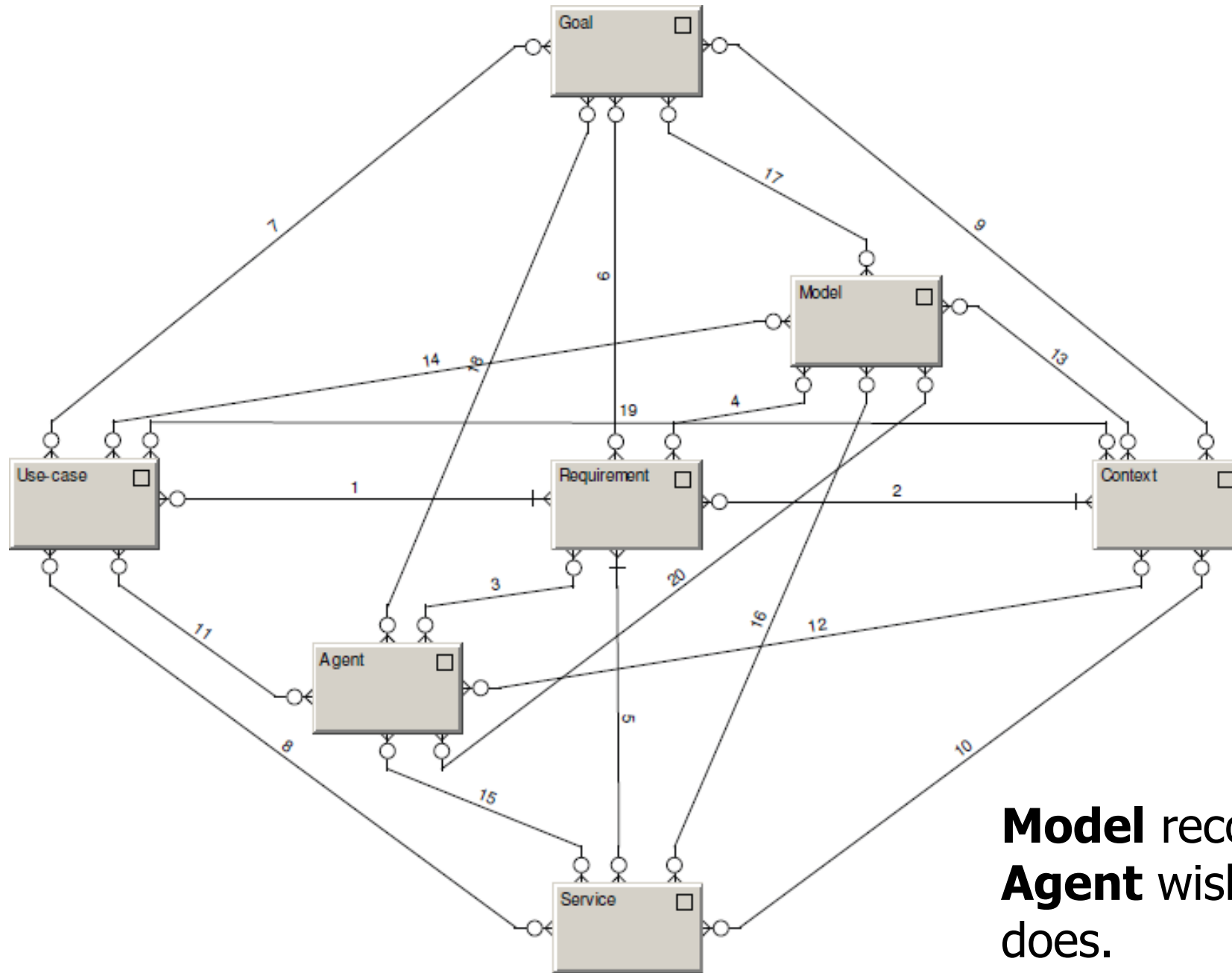
Adding multicontextual view to service analysis

Helping to compose and decompose the services

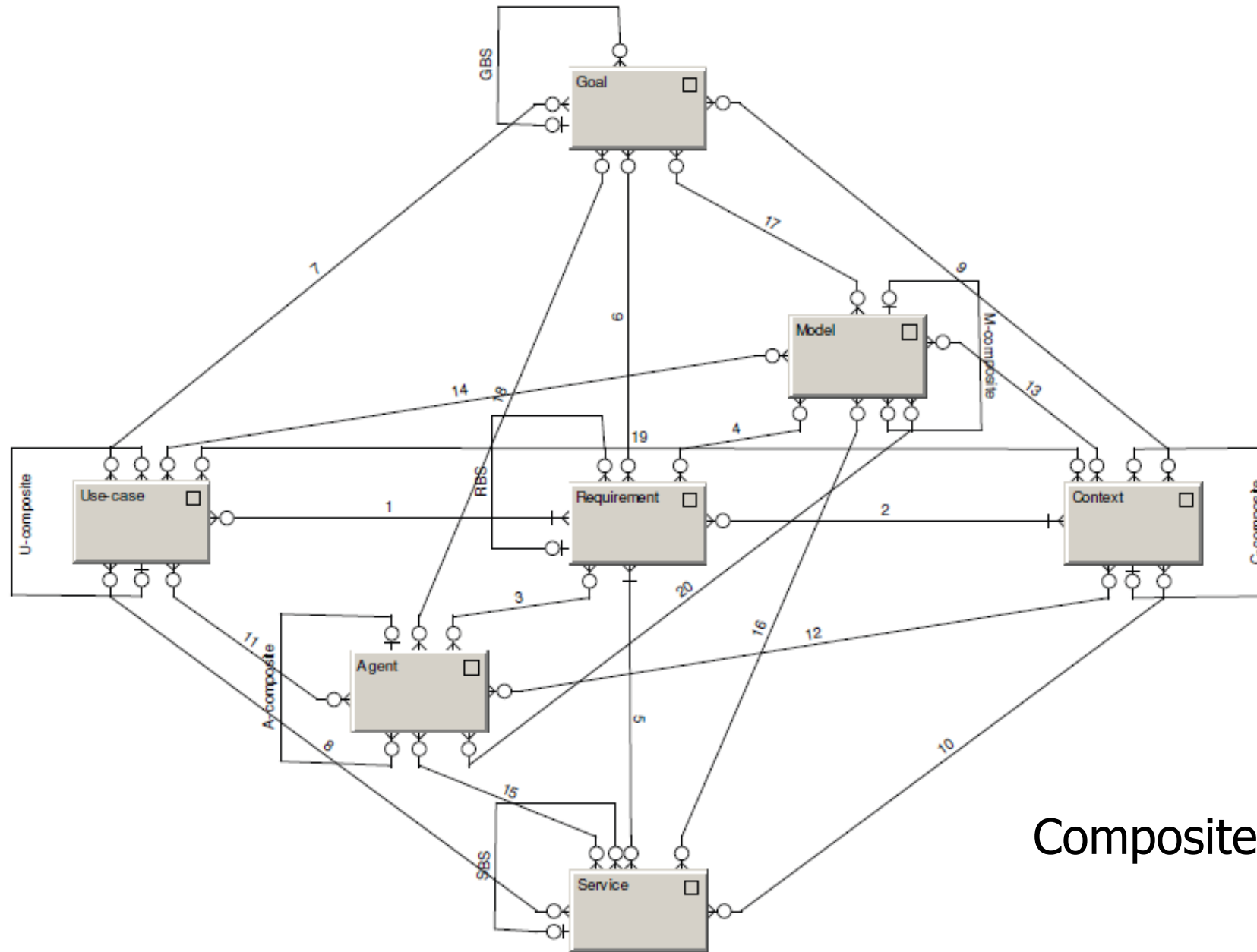




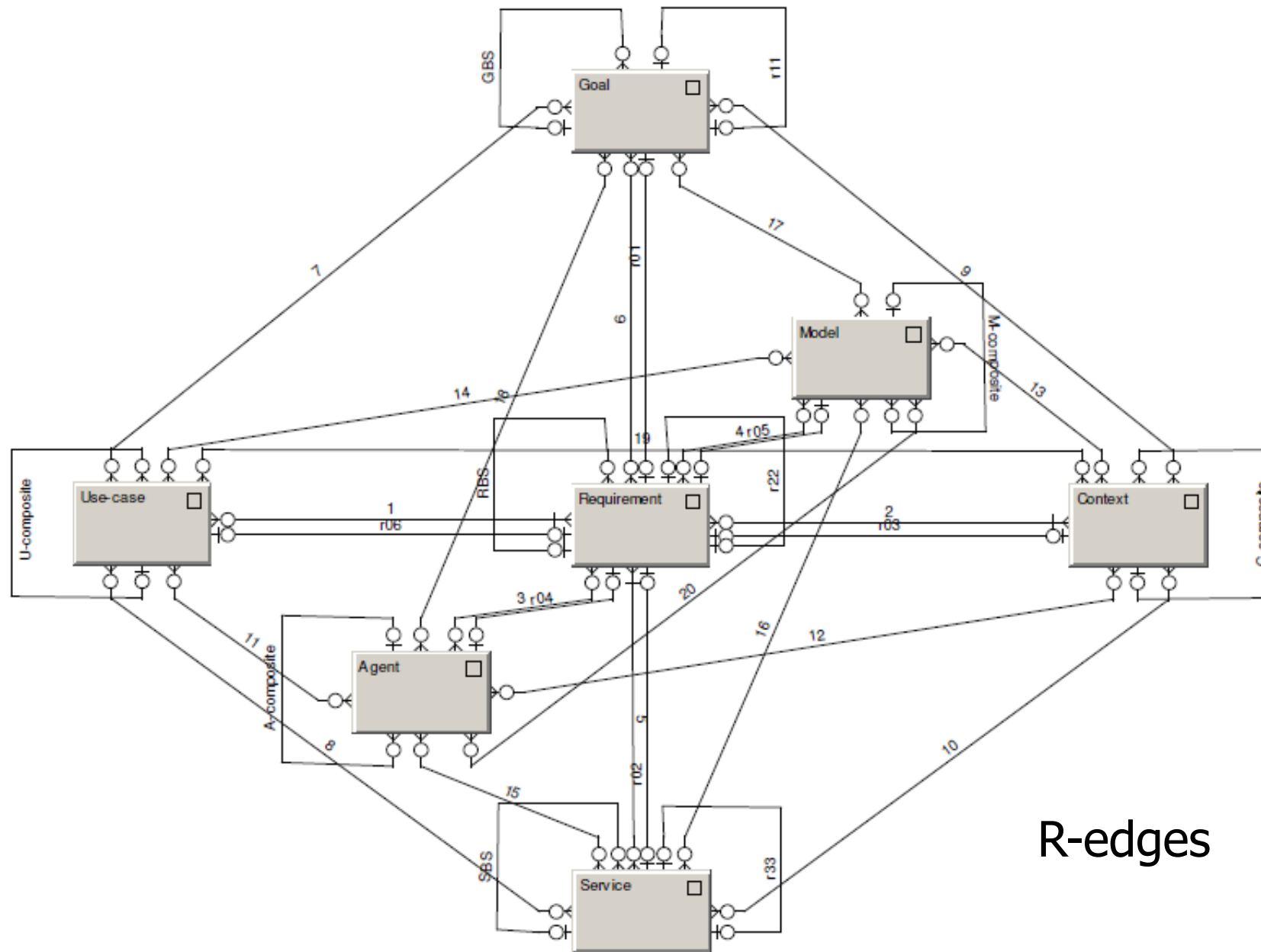




Model records.
Agent wishes, defines,
 does.



Composites



R-edges

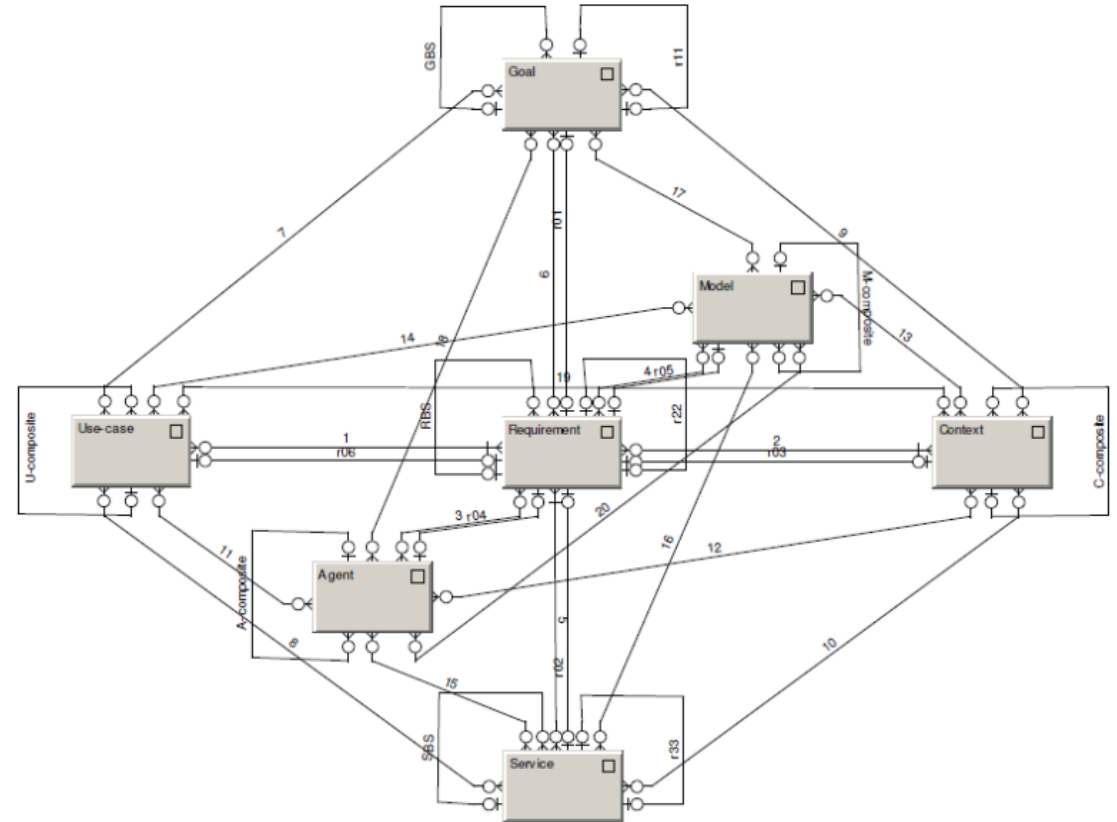
Diamond of Predictive Behaviour

Depicts the motivation of agents to DO

Everything can be seen as a requirement

Forming and being formed by behavioral patterns

Models as a system memory



Reflection

Do you find it interesting?

And useful?

Why has it remained a pure theoretical concept?

Is it too complex?

You will get the possibility to share your opinion!

