

Laboratoř servisních systémů

Diamond Path – Part 2

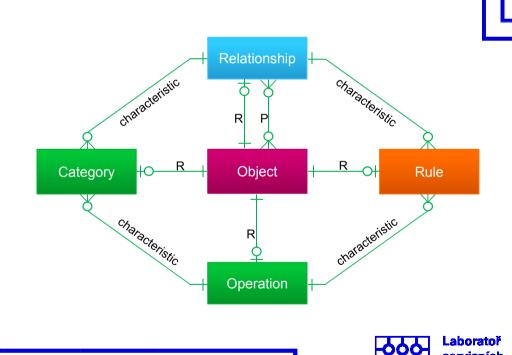
Leonard Walletzký PA181 2022

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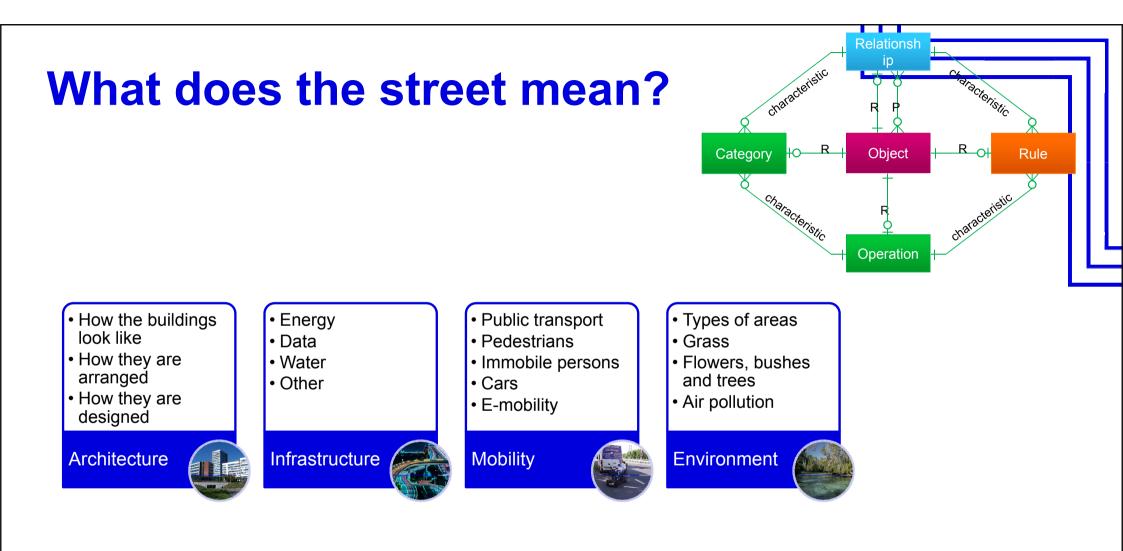
Diamond of Attention Focussing

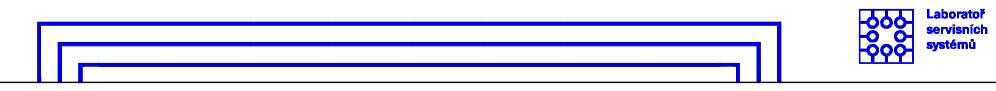
- Objects and relationships between them
- Mention-use duality
- It is mind model

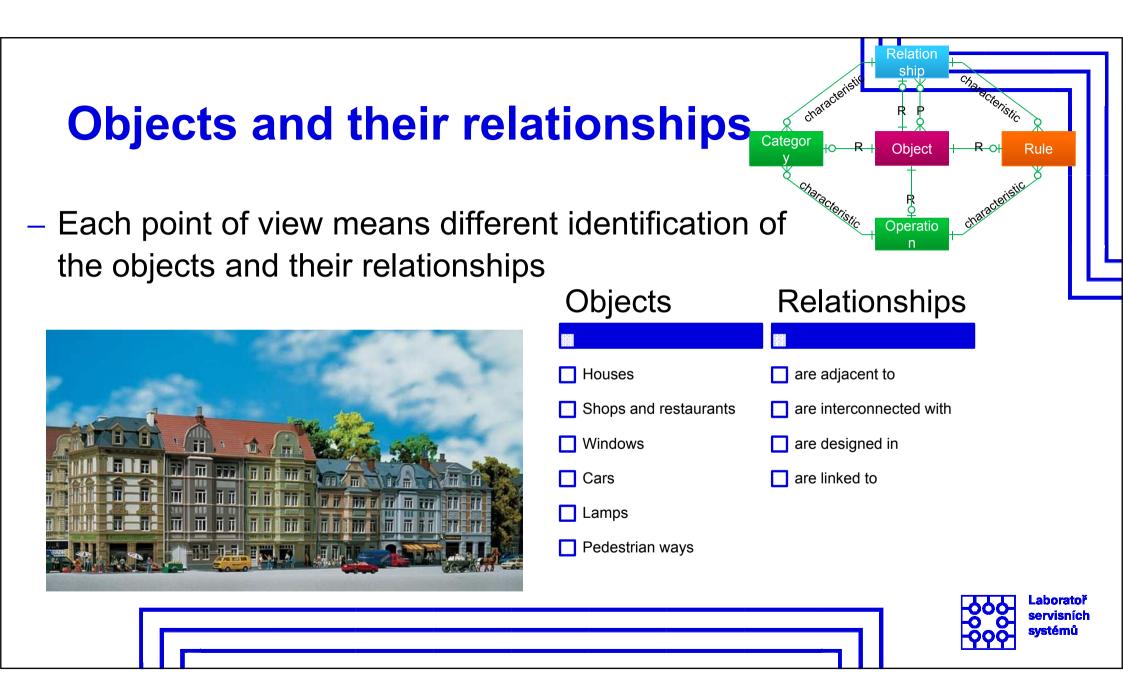


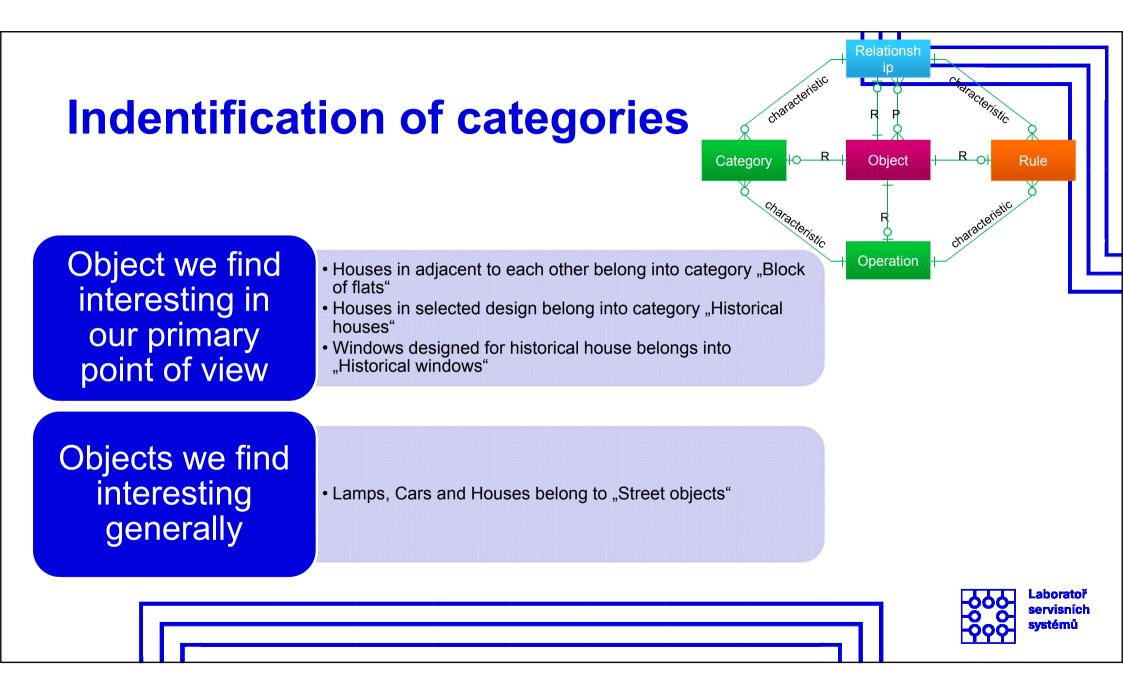


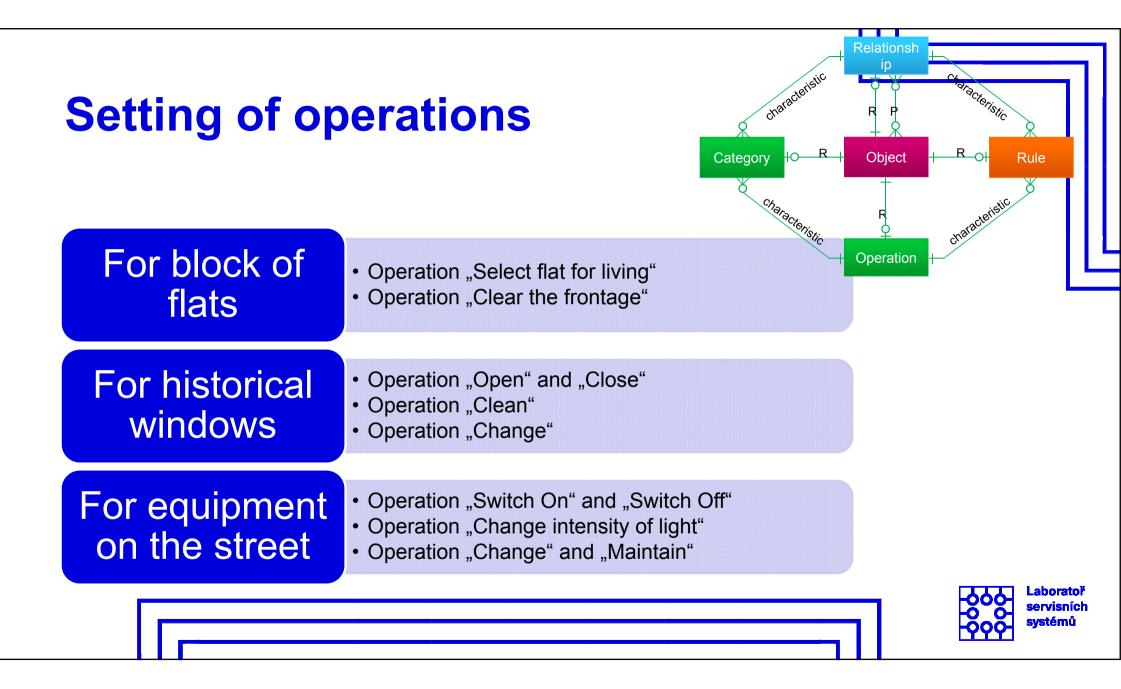
Diamond of Cognitive Elements - Working within the context - Given level of certainty Category - Mention-use duality R CI-connection Context Manifestation Laborato ervisníci svstémů





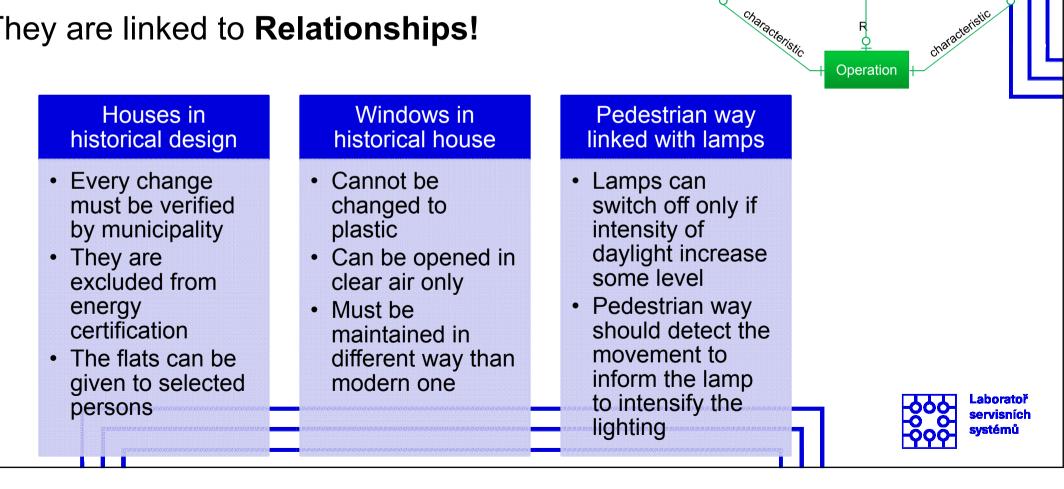






We define the rules

- Rules can also potentially identify the link to other contexts
- They are linked to **Relationships!**



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Object

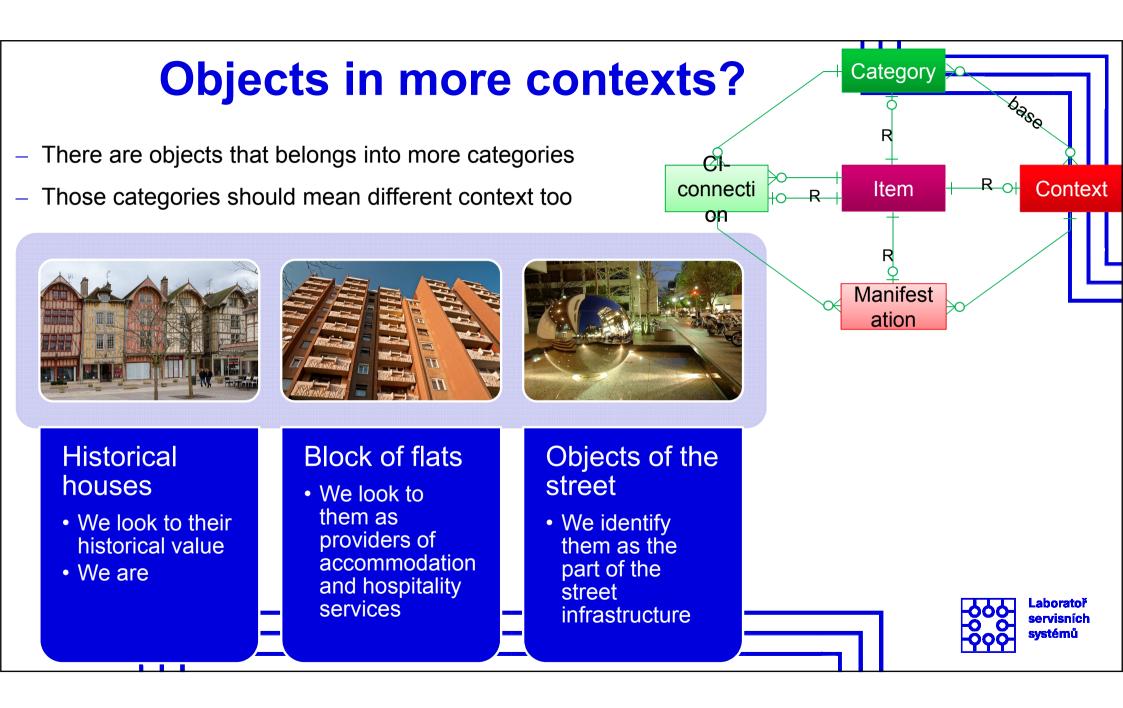
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Category

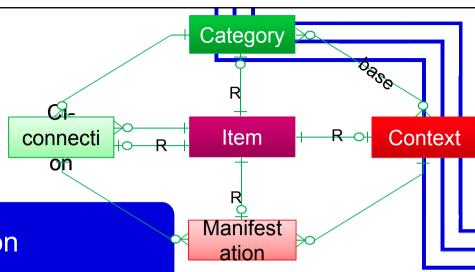
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Maracteristic

Rule



Why do we need to interconnect contexts?



Some rules we identify via context interconnection

Example: You cannot install modern lamps on the street with historical houses

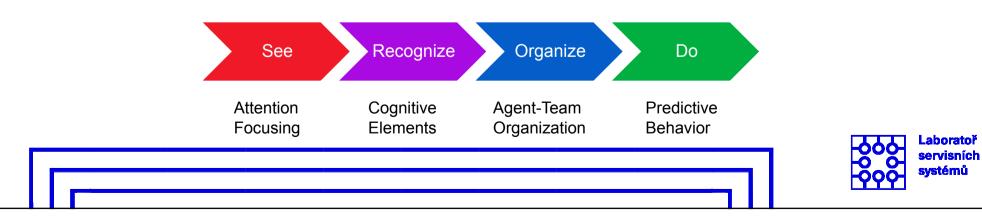
The role of object in different services leads into different manifestation

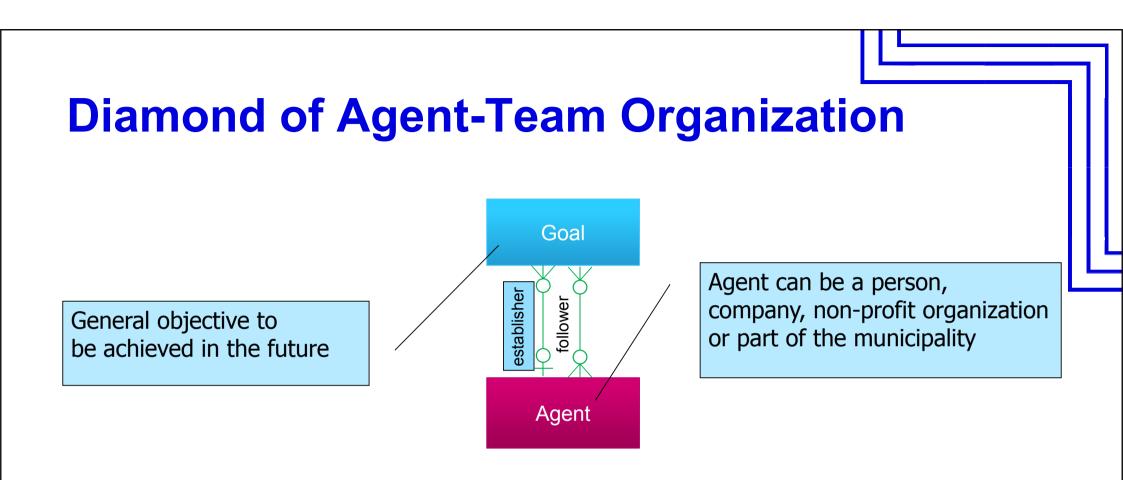
- Example:
 - In the context of "Street security" lamp represents the object that provide light service
 - In the context of "Smart Energy" lamp represents the device that must be managed to save the energy



Diamond-Path Framework

- We continue the journey
- Now we focus to living entities
- Subjects or Agents

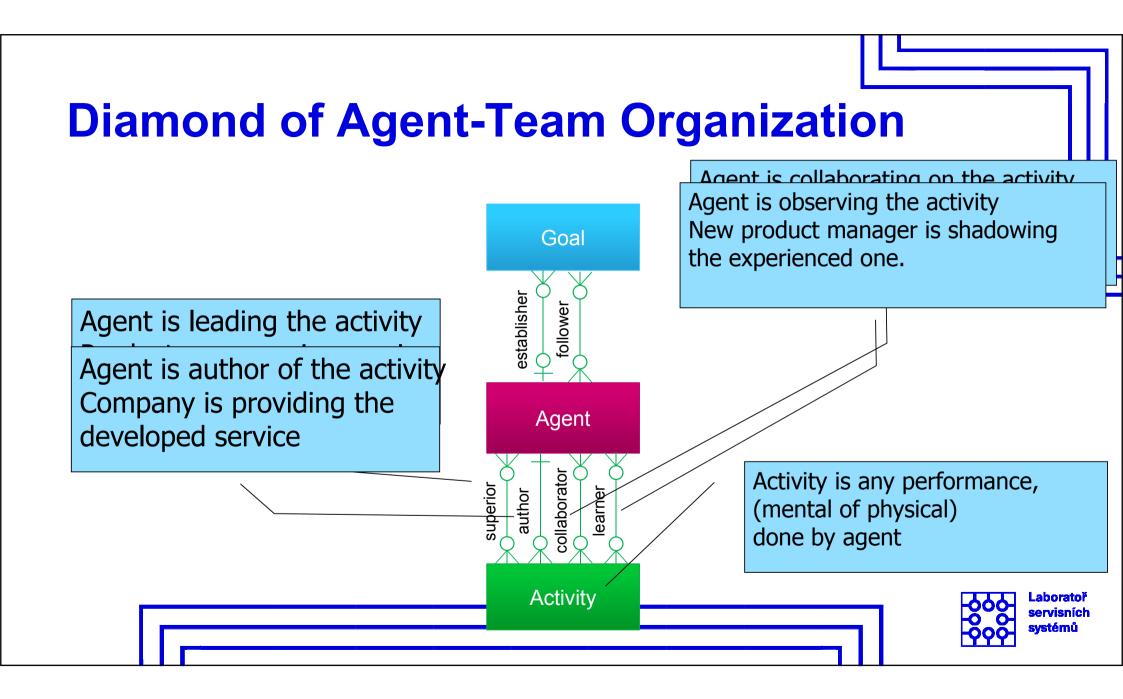


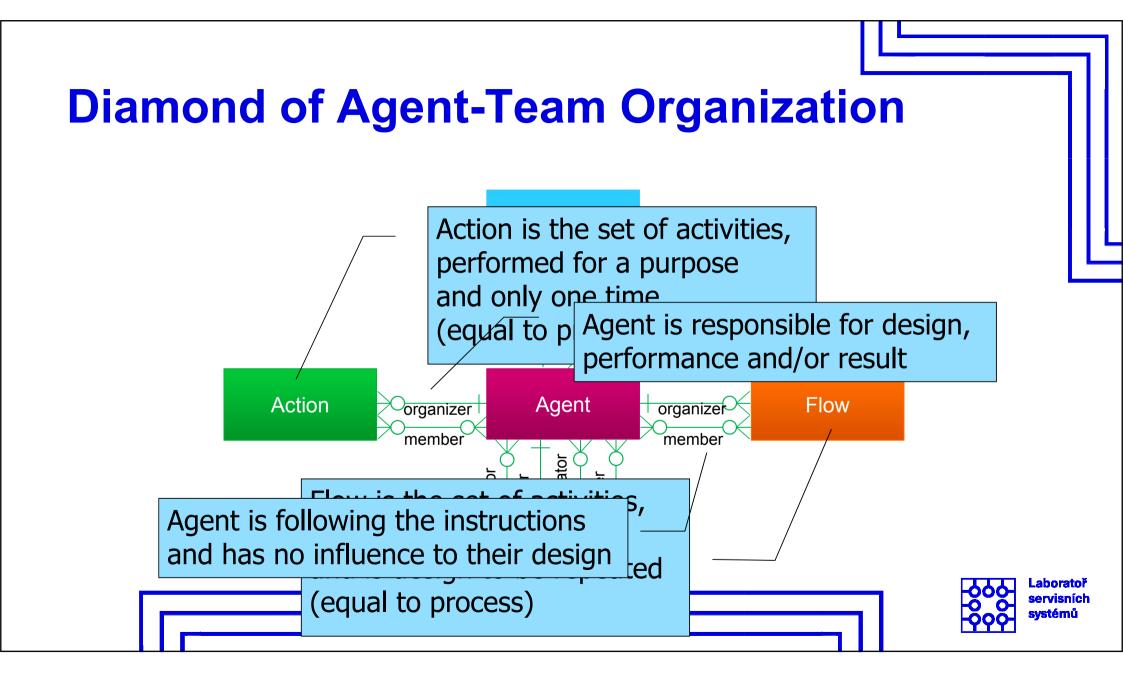


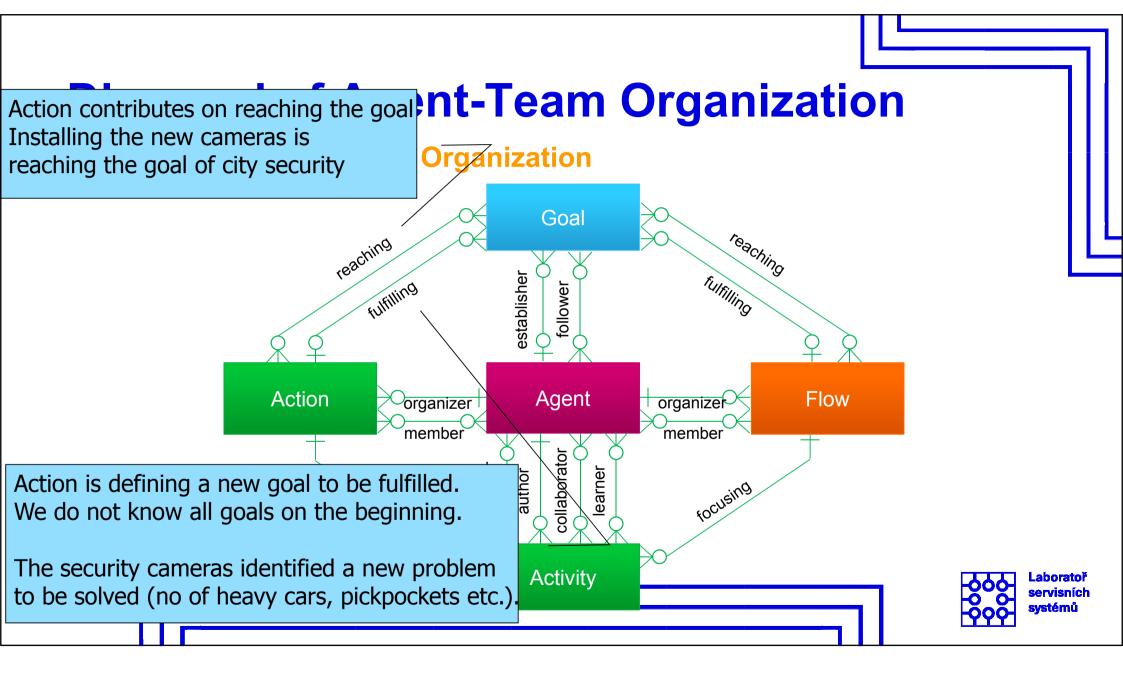
Example:

A city citizen has a goal to have nice life, without intermissions from the state, secured job and good public services.

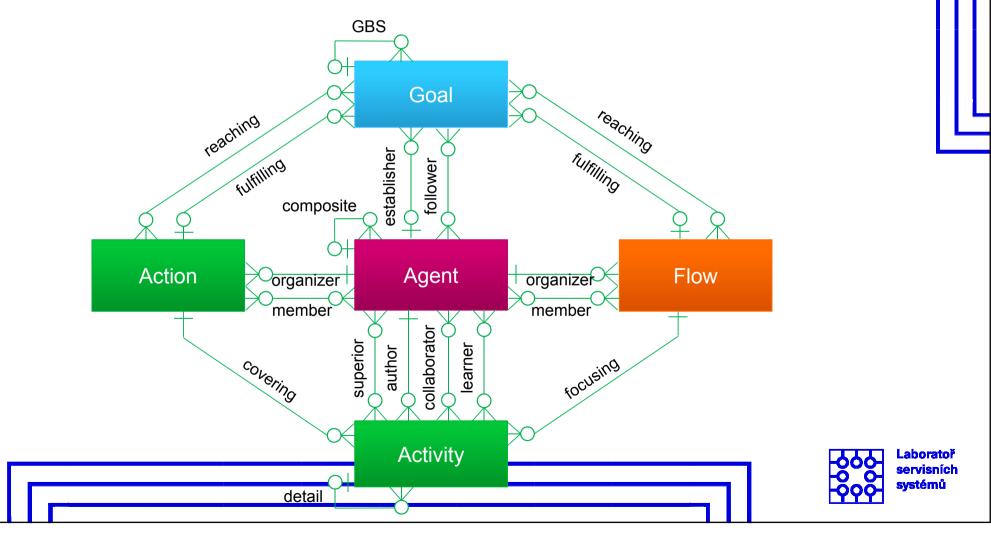


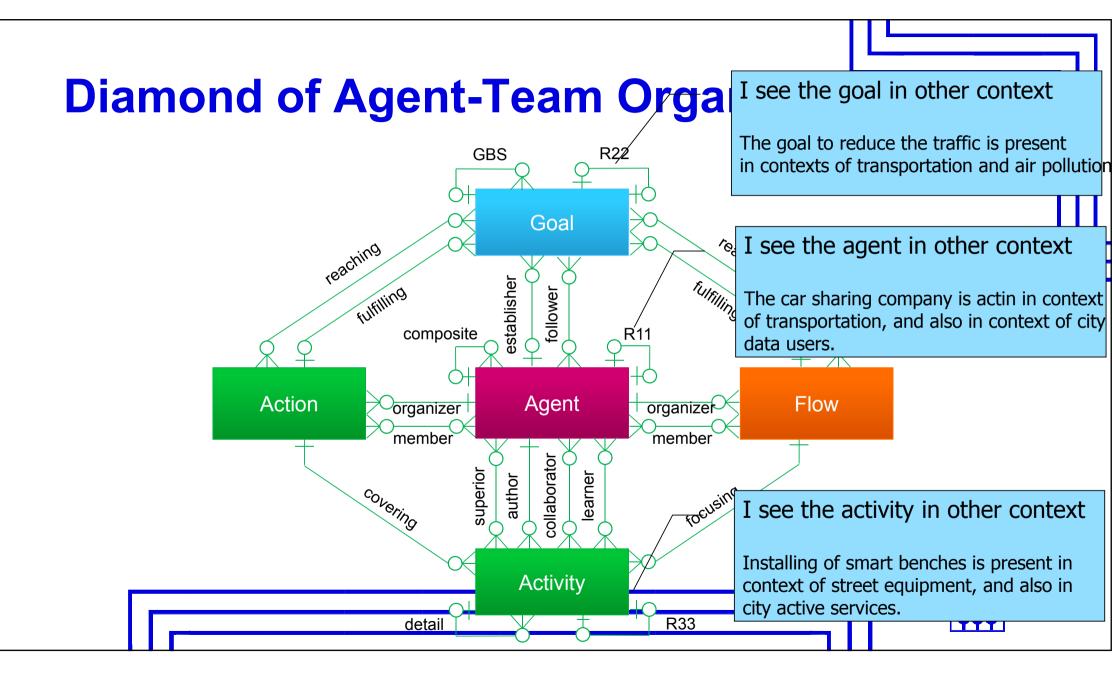


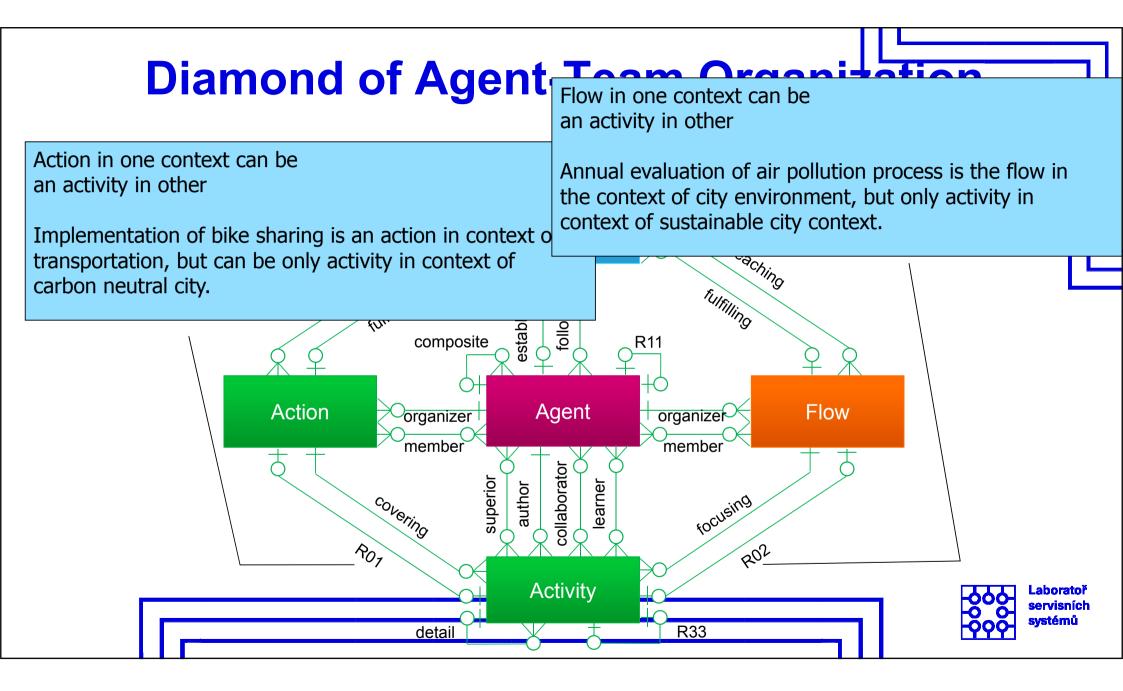




Diamond of Agent-Team Organization







Example of usage of Diamond Organize

Organization schema of Smart concept's implementation

Goal is only one – Strategies are used intensively and interconnected to territory

- It meant that strategies formulated by central administration are really used and implemented in the projects, formulated by municipalities
- Municipalities are independent central administration can recommend only in general
- Only exception is the grant or financing the project from the central budget the administration can set the conditions of support

Assignment: To identify main activities (actions, flows) for the main actors and define necessary context



Contexts

Context 1: Ministry of local development is the supervisor of implementation

Context 2: The same ministry is also responsible for implementation of specific procuration (as many other ministries)



Context 1: Actions and Flows

Action:

- Development of supporting application
- Formulation of instructions how to use it
- Prepare the plan of implementation
- Define the flows

Flow:

- Control of strategies' actualization
- Maintenance of application
- Organizing annual meeting with other ministries
- Monitoring of feedback from municipalities



Context 2: Flows and Actions

Actions:

- Formulate the first proposal of priorities for relevant procuration
- Get the skills to work with the application
- Participate on implementation

Flows:

- Maintenance of relevant information in every relevant procuration (link to the strategies, sources of financing)
- Monitoring of feedback from municipalities
- Participating on the meetings with other ministries



What can we see?

Some flows are the same – but do they contain same activities?

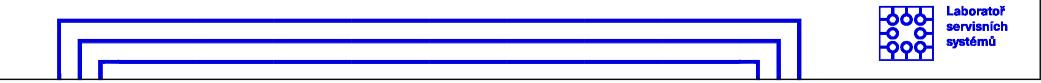
- Monitoring the feedback from municipalities
- Context 1: Feedback is focused to the usage of the whole SMART concept, if it is useful and helps the municipalities to define their projects easier.
- Context 2: Feedback is about relevance of the procurement, if it fits to the strategy of the municipality and can be linked with strategy of specific ministry.

Same actions are affecting actions in the same context:

• Development of Application affects it maintenance and making the materials

Same actions are affecting actions and flows in different context

Instruction material in Context 1 is affecting the most of Flows and Actions in Context 2



The main results

The knowledge of the contexts and their meaning help to understand the value of application

The fact that one context will affect other is not an issue, but advantage

The main failure of every service is insufficient analysis of contextual overlaps

The knowledge how different stakeholders (agents) are reacting to the fulfillment of the same goal is the key for the formulation of the value proposition



Diamond of Organization

Summary

- Matrix-based organization: Action vs. Flow
- Activity vs. Action / Flow
- R-edges
- Examples

