

# **GENERALISATIONS & OUTER JOIN**

## **OBJECTIVES**

- Knowing the ways to represent a generalisation,
- Being able to choose among them depending on the kind of generalisation (disjoint/overlapping, complete/incomplete) and additional constraints.
- Being able to access the data of hierarchies
- Understanding the need for Outer Join
- Knowing the different kinds of Outer Join

## **REQUIRED KNOWLEDGE**

- Relational translation: Difficulties & criteria

## **ACTIVITIES**

- Read and understand the document "Generalization translation".
- Read the slides "Generalisation&OuterJoin". Fill-in the table at slide number 3 and think about the result of outer joins in the last slide

## **DELIVERABLES**

- Moodle questionnaire "Translation of generalisations to relational model"
- Moodle questionnaire "Accessing a generalisation without OUTER". You must solve the query performing the union of sets of tuples as explained in the section "Accessing Data" of the document "Generalization translation".