

Expressions

Additional Exercises

Exercises – Smart Parking

- The following exercises allow to practice EXPRESSION type attributes in ADOxx.
- Use the SmartCity-I Library:
 - SmartCityLibrary-I-ModellingExercises.abl
- Models for testing are available from:
 - SmartCity-I-SmartParking.adl

Exercises – Smart Parking

1. Create a new expression attribute in class ,Road‘, which counts the number of connected parking spots.
2. Create a new expression attribute in class ,Road‘, which counts the number of connected traffic signs.
3. Create a new expression attribute in class ,Road‘, which calculates the total number parking capacity of all connected parking spots.
4. Create a new expression attribute in class ,Road‘, which counts the number of connected traffic signs of type STOP.