Lecture 4 Summary

This week we have considered different modelling perspectives. More specifically we concentrated on the functional, goal and rule, actor and role and behavioural modelling perspectives. Then I motivated why different modelling perspectives are needed -- to describe the system as complete as possible, to cover the limitations of perspectives, to advance the system design through different development stages.

During the lecture I have illustrated the model transformation principles. Examples included:

-- transforming from Security risk-oriented BPMN to Security risk-aware Secure Tropos,
-- transforming from Security risk-aware Secure Tropos to Security risk-oriented misuse cases, and
-- transforming from Security risk-oriented misuse cases to Mal-activities for security risk management.

During the workshop you were modelling security risk using -- textual description, and two selected modelling languages. The major objectives of the workshop were (i) communicate and agree, (ii) keep traceability and consistency of models, (iii) experience different abilities of the different modelling approaches. Thank you for all your hard work during the workshop!

There is no exercise (homework assignment) during this week.