TUTORIAL: OperettA

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INTRODUCTION

This tutorial is based on the specification of a conference management system. The system supports the participation of agents playing the chair, reviewer and author roles, and defines the different activities they can do within the system.

INSTALATION

1. Installing OperettA. (If OperettA is already installed on your computer you can skip this step.)

    -   Open Eclipse, select "Install New Software" in the "Help" menu, and insert http://www.cs.uu.nl/research/projects/opera/updatesite/. Select the elements you want to install and follow the instructions on screen.

2. Load the Conference Specification.
    Open Eclipse, create *New Project* (general project), download http://www.cs.uu.nl/research/projects/opera/downloads/Conference.opera in this project and *refresh* Eclipse.

EXERCISES

1. What are the roles in the social structure?
2. Identify Market and Hierarchical dependencies.
3. Does any role have any objectives?
4. What are the scenes in the interaction structure?
5. Can different scenes be active at the same time? Which?
6. What the general chair has to do to define the conference after it enters the organization in the initial scene?
7. What are the roles that can participate in the *Review_Process* scene? What are their norms in this scene?
8. In which scenes can authors participate? What are the actions they can do in each one of them?
9. Analyse now the *Paper_Submission* landmark pattern.
    -   What are the roles that can participate in the scene?
    -   How does the scene works?
    -   Can an author submit more than one paper within the scene?
    -   Can a paper submitted after the deadline be accepted?
10. Execute the verification process by right clicking the OM element in the tree view and selecting *validate*.
    -   Do you find any error?
    -   What do the warnings mean?

11. Now modify the organization to include the role of *Local_Organizer* (define some meaning objective for this role). Create a relation between *General_Chair* and this role (think about the type of relation you need). Run the verification process to check the changes.
12. Modify the landmark pattern of scene *Paper_Acceptance* to include a author response process. (Note: you will need to change properties of roles and dependencies as well)
13. Introduce a scene in the Interaction Structure to represent the *paper bidding* process where reviewers can indicate their preferences. Where in the partial order does this scene occur? Which are the roles involved? What is the result of this scene? (Note: you will need to change properties of roles and dependencies as well)