DSL3S – Domain Specific Language for Spatial Simulation Scenarios

Simple Test Session – Questionnaire, v1.0, 2015

This survey intends to collect feedback on the Simple Test Session performed with DSL3S.

Area of Expertise:

- ☐ Computer Science
- ☐ Geography / GIS
- ☐ Environmental Sciences
- ☐ Social Sciences
- ☐ Economics
- ☐ Other

Degree:

- ☐ BSc
- ☐ MSc
- ☐ PhD

Age:

- ☐ Less than 23 years
- ☐ Between 23 and 30 years
- ☐ More than 30 years

Gender:

- ☐ Female
- ☐ Male

Profession:

- ☐ Academic / Faculty member
- ☐ Researcher
- ☐ Computer / Software Engineer
- ☐ Geographic / Environment Engineer
- ☐ Other

Previous experience with UML:

- ☐ Yes
- ☐ No

Previous experience with Eclipse:

- ☐ Yes
- ☐ No

Previous experience with Spatial Simulation:

- ☐ Yes
- ☐ No

Response the following questions in the Scale 1 (very low) to 5 (very high), or N/A for Not Available, Not Relevant, or I do not know.

DSL3S					
Evaluation of the language (defined as a UML profile)					
Scale: 1 (Very Low) until 5 (Very High)	**1**	**2**	**3**	**4**	**5**
How suitable is the number of concepts in the language?					
How easy to use is the notation chosen (UML Profile)?					
How easy is to learn the language?					
How suitable is the language for the Spatial Simulation development domain?					

Development Framewok						
Evaluation of the framework (Eclipse and plug-ins)						
Scale: 1 (Very Low) until 5 (Very High)	**1**	**2**	**3**	**4**	**5**	**N/A**
How do you rate the usability of Eclipse with the DSL3S and MDD3S plug-ins?						
How do you rate the usability of the Papyrus Model Editor (Stereotype application, graphical model browsing)?						
How do you rate the usability of the code generation method?						
How do you rate the development process as a whole?						

General Approach					
Evaluation of the MDD approach used in DSL3S					
Scale: in 1 (Very Low) until 5 (Very High)	**1**	**2**	**3**	**4**	**5**
How much can DSL3S help domain experts lacking programming skills prototyping their own simulations?					
How much can DSL3S (or a similar approach) help in communicating spatial simulation models to stakeholders?					
Can DSL3S (or an MDD approach) be the basis for a standard language to describe spatial simulation models (considering in particular communication with peers)?					
Would you consider such a tool for development or prototyping of your own spatial simulation projects?					

Additional Comments (Suggestions, Problems, Bugs):

Thank you for your contribution!