

Survey to analyze preferences of constructs with symbol redundancy in iStar extensions

This survey is conducted within the Laboratory of Requirements Engineering of Federal University of Pernambuco (LER-UFPE) and NOVA Laboratory for Computer Science and Informatics of New University of Lisbon (NOVA LINCS-UNL) in the context of constructs with symbol redundancy in iStar extensions. It was developed as a part of the PhD thesis of Enyo Gonçalves.

We would like to emphasise that:

- Your participation is entirely voluntary;
- You are free to withdraw at any time.

All information stated as part of this survey is confidential and will be kept as such. Data collected in this experiment may be part of the final research report, but under no circumstances will your name or any identifying characteristic be included.

There is no intention of judging you as a person or the skills and experience that you will use in this survey; the goal is the evaluation of the proposed approach.

Each screen of this survey presents a concept and their graphical representations. You should select the option which represents your opinion about the symbol (Totally adequate, Adequate, Neutral, Inadequate, Totally inadequate).

Thank you for taking the time to complete this questionnaire!

Sincerely,

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Do you agree with participating?

- ☐ Yes
- ☐ No

<New Screen>

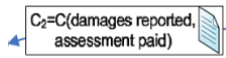
1. Commitment: It means an actor is committed to another actor.

is committed to



- ☐ Totally adequate
- ☐ Adequate
- ☐ Neutral

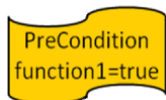
- ☐ Inadequate
- ☐ Totally inadequate



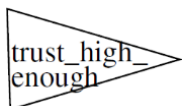
- ☐ Totally adequate
- ☐ Adequate
- ☐ Neutral
- ☐ Inadequate
- ☐ Totally inadequate

<New Screen>

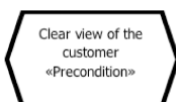
2.Condition: This construct establishes a condition to be satisfied related to another construct, in a similar way of a conditional test in programming languages (if)



- ☐ Totally adequate
- ☐ Adequate
- ☐ Neutral
- ☐ Inadequate
- ☐ Totally inadequate



- ☐ Totally adequate
- ☐ Adequate
- ☐ Neutral
- ☐ Inadequate
- ☐ Totally inadequate



- ☐ Totally adequate
- ☐ Adequate
- ☐ Neutral
- ☐ Inadequate

- ☐ Totally inadequate

not laws subject to
paragraph (b)(1)(ii) or
(c)(1)(i) of this section
«Condition»

- ☐ Totally adequate
- ☐ Adequate
- ☐ Neutral
- ☐ Inadequate
- ☐ Totally inadequate

D4

Health Care
Service be
Charged

- ☐ Totally adequate
- ☐ Adequate
- ☐ Neutral
- ☐ Inadequate
- ☐ Totally inadequate

S5

- ☐ Totally adequate
- ☐ Adequate
- ☐ Neutral
- ☐ Inadequate
- ☐ Totally inadequate

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3. Conflict: It is a relationship that represents a conflict of interest. It represents that an actor's tasks / goals / qualities conflict with another actor.

← Conflict →

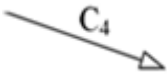
- ☐ Totally adequate
- ☐ Adequate
- ☐ Neutral
- ☐ Inadequate
- ☐ Totally inadequate



- ☐ Totally adequate
- ☐ Adequate
- ☐ Neutral
- ☐ Inadequate
- ☐ Totally inadequate

<New Screen>

4. Context: They are characteristics of space, time, or distance in which a task must happen or a resource is available. For example, when we are in a classroom, our mobile phone should realize this context and should be silent automatically. Can be represented as an identifier for an external description, a new relationship, or an entity.



- ☐ Totally adequate
- ☐ Adequate
- ☐ Neutral
- ☐ Inadequate
- ☐ Totally inadequate



- ☐ Totally adequate
- ☐ Adequate
- ☐ Neutral
- ☐ Inadequate
- ☐ Totally inadequate



- ☐ Totally adequate
- ☐ Adequate
- ☐ Neutral
- ☐ Inadequate
- ☐ Totally inadequate

<<Context>>
Product

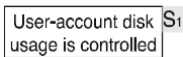
- ☐ Totally adequate
- ☐ Adequate
- ☐ Neutral
- ☐ Inadequate
- ☐ Totally inadequate

<New Screen>

5. Label in Nòmos 1 – This construct represents identification of constructs in an iStar extension named Nòmos.



- ☐ Totally adequate
- ☐ Adequate
- ☐ Neutral
- ☐ Inadequate
- ☐ Totally inadequate



- ☐ Totally adequate
- ☐ Adequate
- ☐ Neutral
- ☐ Inadequate
- ☐ Totally inadequate

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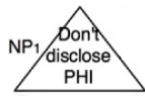
6. Label in Nòmos 2 – This construct represents identification of norms in an iStar extension named Nòmos.



stop for snow

- ☐ Totally adequate
- ☐ Adequate
- ☐ Neutral
- ☐ Inadequate

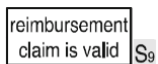
- ☐ Totally inadequate



- ☐ Totally adequate
- ☐ Adequate
- ☐ Neutral
- ☐ Inadequate
- ☐ Totally inadequate

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7. Situation: Represents the current moment of some feature, such as economic situation or geographical situation. Can be represented by label on model for more detailed representation externally.



- ☐ Totally adequate
- ☐ Adequate
- ☐ Neutral
- ☐ Inadequate
- ☐ Totally inadequate



- ☐ Totally adequate
- ☐ Adequate
- ☐ Neutral
- ☐ Inadequate
- ☐ Totally inadequate

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8- Threat: This is a security concept that represents the identification of system threats. Threats indicate situations that may put your system at risk.



- ☐ Totally adequate

- ☐ Adequate
- ☐ Neutral
- ☐ Inadequate
- ☐ Totally inadequate



- ☐ Totally adequate
- ☐ Adequate
- ☐ Neutral
- ☐ Inadequate
- ☐ Totally inadequate