

Jabberpoint Project

Jabberpoint is a slide show presentation tool developed for the master course Design for Change at the Open University. The project is meant to demonstrate the process of creating software in a future-proof way, by using an agreed upon ubiquitous language, applying common Object-Oriented design patterns, and following several design principles.

Ubiquitous language

The analysis of the domain yielded a set of entities, actions and rules, that can be seen as the dictionary and the grammar of the domain. Through this language, it is easier to reason about certain aspects of the domain, which will help design an architecture and its models.

Entities

The following table depicts the entities, their meaning with regard to the domain, possible sub concepts related to an entity, and their relation to each other.

Table 1 - List of entities

Concept	Subconcept	Meaning
Projector		The projector provides capabilities to interface with the display, inject an interchangeable slide show, and show a slide show on the display.
Presenter		The presenter is responsible for the creation of a slide show and for starting the slide show through the projector. Furthermore, it is expected from a presenter to actively navigate through the slide show
Slide show		The slide show contains an ordered sequence of slides. The presenter owns a slide show, and navigates through the slide show. The slide show is aware of meta information concerning its presenter, its title, and the date of creation.
Slide		A slide is owned by a slide show and contains content. A slide is also aware of meta information regarding the title of the slide show it is contained in and the number of the slide in the ordered sequence of slides in the slide show.
Content		