

## UsiAbstract

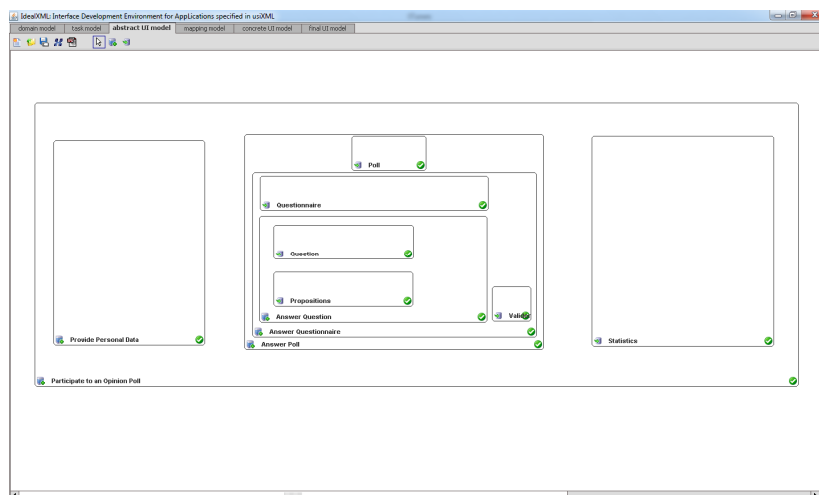
Editor for specifying User Interfaces at UsiXML abstract level



UsiAbstract consists of an editor enabling designers, developers, or even end users to build a representation of user interfaces at an abstract level in UsiXML. "Abstract" corresponds to a level of abstraction of UsiXML for which the programming toolkit and the modality (i.e. graphic, vocal, haptic, etc.) is abstracted. The representation is used by the tool to derive the UsiXML specifications independently of the programming toolkit and the modality as well as the context of use, including the user and platform and the environment.

### Features

- Building of the representation of user interface at abstract level
- Generation of the corresponding specification of the interface in UsiXML language
- Integration in a whole UsiXML framework in order to gather information from the different models to derive the final interface



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### Inputs

Depending of the goal of the designer, the tool can be used alone or can be provided by information from other tools of UsiXML chain.

### Outputs

The output is the UsiXML code representing the specification of the user interface built in the editor. This code corresponds to the Abstract User Interface level of abstraction of the Cameleon Reference Framework on which UsiXML is based.

### Planned version of the tools

- 2010 - The first version, GraphiXML, considers a old version of the Abstract User Interface model.
- 2011 - The second version will be adapted to the evolution of the Abstract User Interface model and will be integrated in the MOSKitt framework (above Eclipse).
- 2012 - The final version will continue to be adapted to the evolution of the Abstract User Interface model and will allow the consideration of additional information provided by other model of UsiXML chain.

### Authors

This tool is designed by François Beuvs and Jérémie Melchior with the help of Jean Vanderdonckt

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