Visualizing Objects in Pharo

Presentation BA thesis
Software Composition Group

Eve Mendoza Quiros
Supervisor: Claudio Corrodi

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Object inspector in Phar

Relations to other objects shown as lists or trees
Focus on single object
Focus on single object
Demonstration in PharC
Scope of BA thesis

Persist Subgraphs

Currently adding Color green
Scope of BA thesis

Persist Subgraphs

Currently

adding Color green

Goal
Custom node shapes for different objects
Custom node shapes for different objects

Goal
Outlook further work

Interactive visualisation

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<th>Elements</th>
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Outlook further work

Interactive visualisation
Setup

• **Pharo**
  Pharo is a pure object-oriented programming language and a powerful environment, focused on simplicity and immediate feedback.

• **Moose image 6.1**
  Moose enables agile visualization. The Roassal engine enables rapid visualization creation for various types of data.

• **Roassal**
  Roassal is a visualization engine, written in the Pharo and VisualWorks programming languages.

• **Trachel**
  Trachel is a low-level API to draw primitive graphical elements.
Questions?