Another happy year!

Alexandre Bergel, Milton Mamani *et al.*

Object Profile
University of Chile
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World
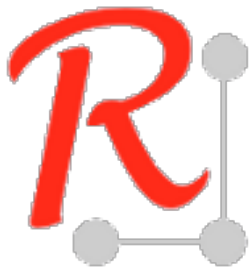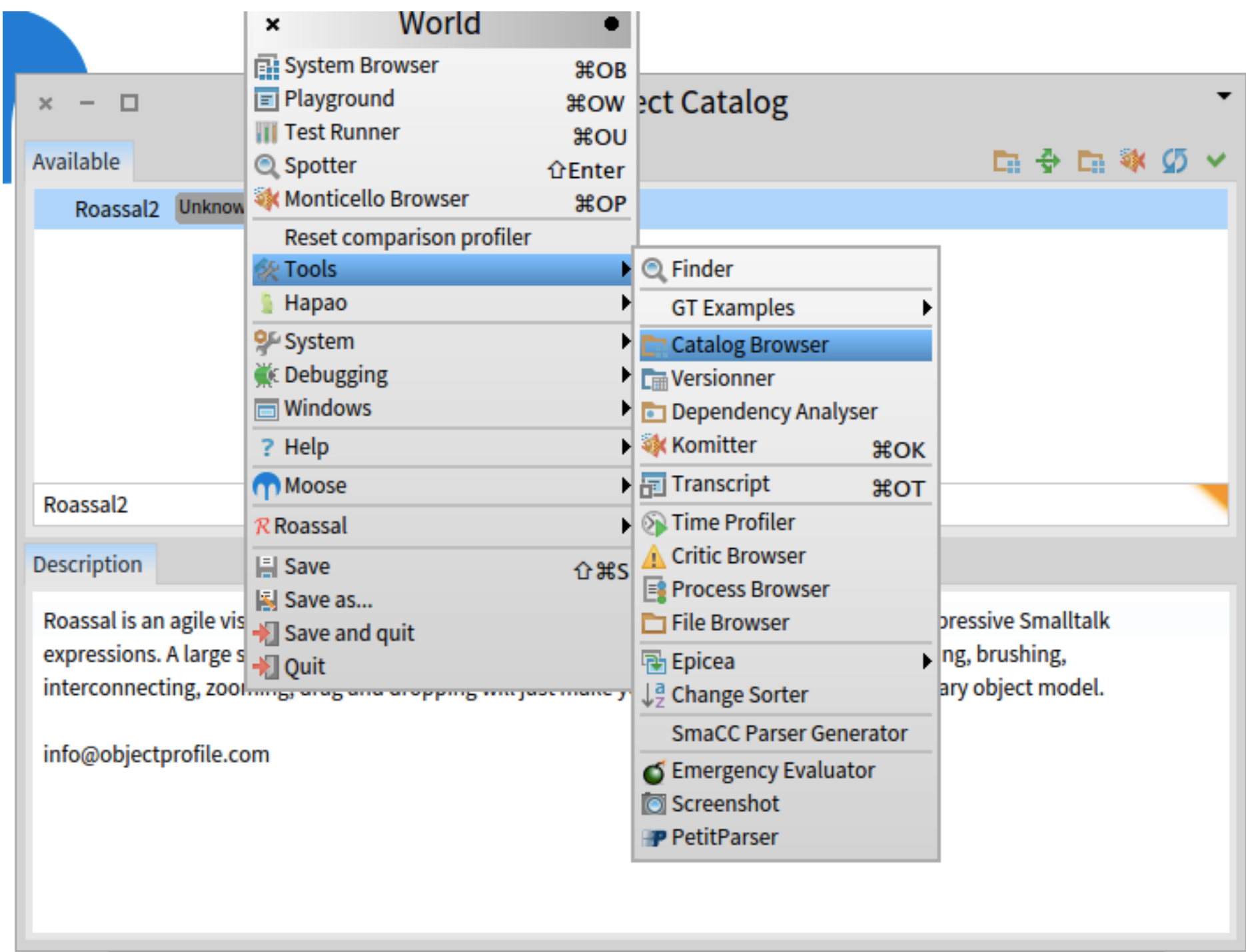
System Browser	⌘OB
Playground	⌘OW
Test Runner	⌘OU
Spotter	⇧Enter
Monticello Browser	⌘OP
Reset comparison profiler	
Tools	▶
Hapao	▶
System	▶
Debugging	▶
Windows	▶
Help	▶
Moose	▶
Roassal	▶
Save	⇧⌘S
Save as...	
Save and quit	
Quit	

Available

Roassal2 Unknow

Roassal2

Description

Roassal is an agile vis...   ...pressive Smalltalk
expressions. A large s...   ...ng, brushing,
interconnecting, zooming, drag and dropping will just make y...   ...ary object model.

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ect Catalog

Finder	
GT Examples	▶
Catalog Browser	
Versionner	
Dependency Analyser	
Komitter	⌘OK
Transcript	⌘OT
Time Profiler	
Critic Browser	
Process Browser	
File Browser	
Epicea	▶
Change Sorter	
SmaCC Parser Generator	
Emergency Evaluator	
Screenshot	
PetitParser	

Components   Versions   Comment

Bundles and Packages:

Roassal

- Roassal
- **Roassal2**
- **Roassal2-Dev**
- **Roassal2-Examples**
- **Roassal2-full**
- **Roassal2-Tests**
- **Roassal2**
- **Roassal2-Animation**
- **Roassal2-AttachPoint**
- **Roassal2-AttachPoint-Tests**
- **Roassal2-Builder-AnimatedScatterPlot**
- **Roassal2-Builder-AnimatedScatterPlot-Exam**
- **Roassal2-Builder-AnimatedScatterPlot-Tests**
- **Roassal2-Builder-ApplicationMatrix**
- **Roassal2-Builder-ApplicationMatrix-Tests**
- **Roassal2-Builder-AxisAdapted**
- **Roassal2-Builder-AxisAdapted-Examples**
- **Roassal2-Builder-BoxPlot**
- **Roassal2-Builder-BoxPlot-Examples**
- **Roassal2-Builder-Calendar**
- **Roassal2-Builder-Calendar-Examples**
- **Roassal2-Builder-CircularMap**
- **Roassal2-Builder-CircularMap-Examples**

Versions:

Image From: (2.56,azazael)

(2.56,azazael)	Development	Jul 29, 2016 12:31:42.000 AM
(2.55,azazael)	Released	Jun 24, 2016 11:48:39.000 AM
(2.54.1,niallr)	Released	Jun 17, 2016 12:29:44.000 AM
(2.54,azazael)	Development	Jun 14, 2016 10:37:31.000 AM
(2.53,azazael)	Development	Jun 4, 2016 2:07:49.000 AM
(2.52,azazael)	Development	May 25, 2016 11:37:44.000 PM
(2.51,azazael)	Development	May 11, 2016 12:29:04.000 AM
(2.50,azazael)	Development	Apr 19, 2016 10:29:50.000 PM
(2.49,azazael)	Development	Apr 13, 2016 5:24:23.000 PM

Comment:

Roassal2 was development from Roassal, which was in turn developed from Mondrian. This contains the full code for Roassal2 for VisualWorks, plus its examples and tests.

This is an interactive visualisation engine. A short Smalltalk script lets you define what you view, assigning metrics of your data to define the shape, size and colour of your views.

Information, tutorials, screencasts and more, can be found at

http://objectprofile.com

Agile Visualization

Crafting a visualization requires short and incremental developments, often costly both in time and effort. Agile Visualization promotes the use of the Roassal and Pharo interactive development environment to significantly reduce the creation of a visualization. Roassal significantly leverages a visualization development against traditional visualization frameworks and toolkits.

This book focuses on the Roassal visualization engine. Agile Visualization first presents the basic and necessary tools to visualize data. The development environment is subsequently described. The book then covers a domain-specific language framework to design and implement expressive and composable visualizations. Several applications are presented, covering epidemiological models, geographical information, network latency, and source code software analysis.

Agile Visualization covers aspects that are relevant for practitioners, businesses, and academics to successfully design and implement a visualization.
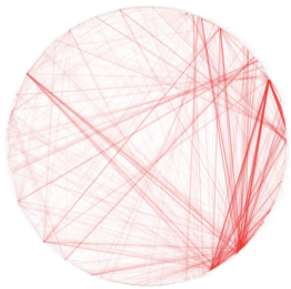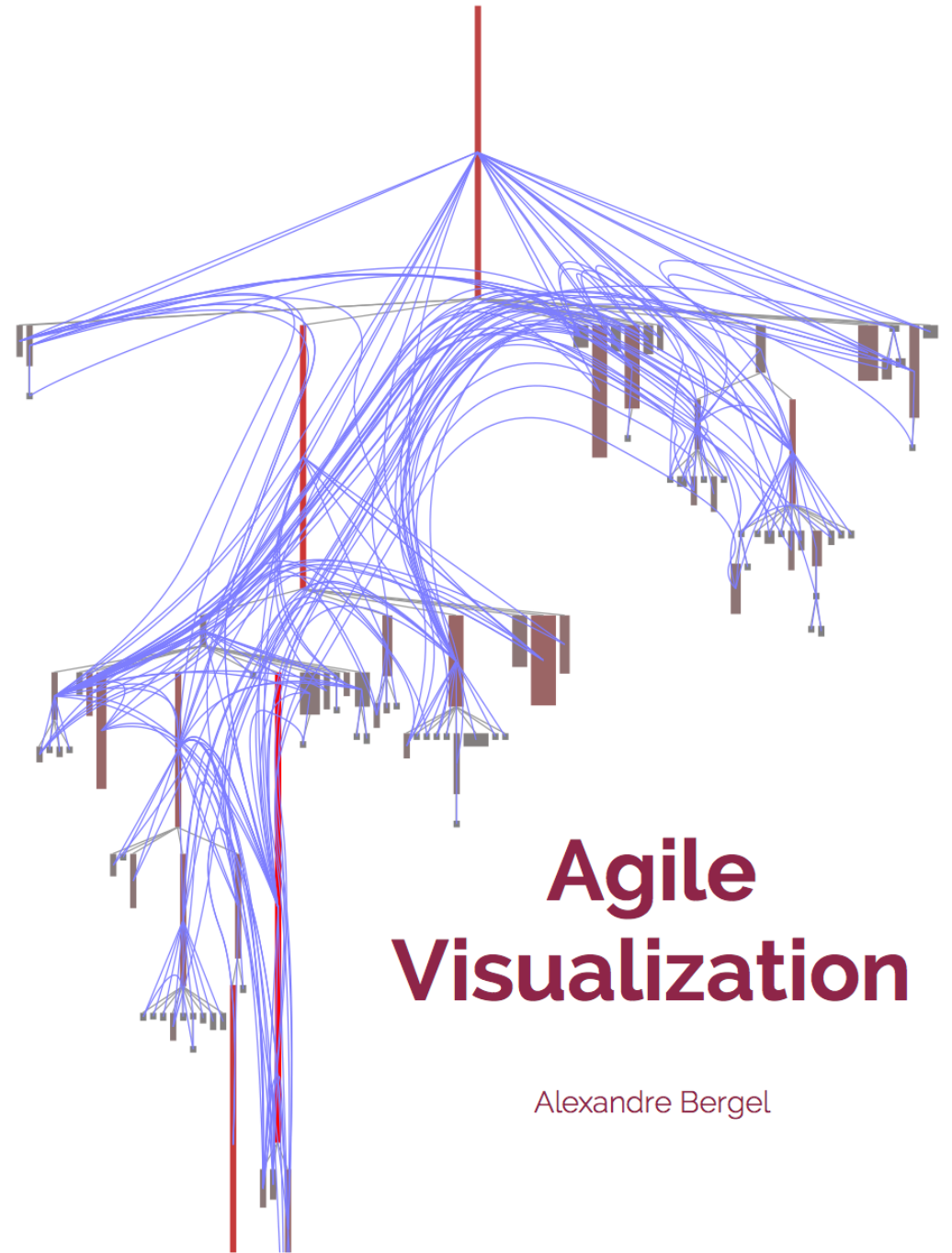
Alexandre Bergel is Assistant Professor and researcher at the University of Chile. Alexandre Bergel and his collaborators carry out research in software engineering and software quality, more specifically on code profiling, testing and data visualization.

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Agile Visualization

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Thanks!

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