Roassal a year of hard work...

Object Profile info@objectprofile.com





Vision:

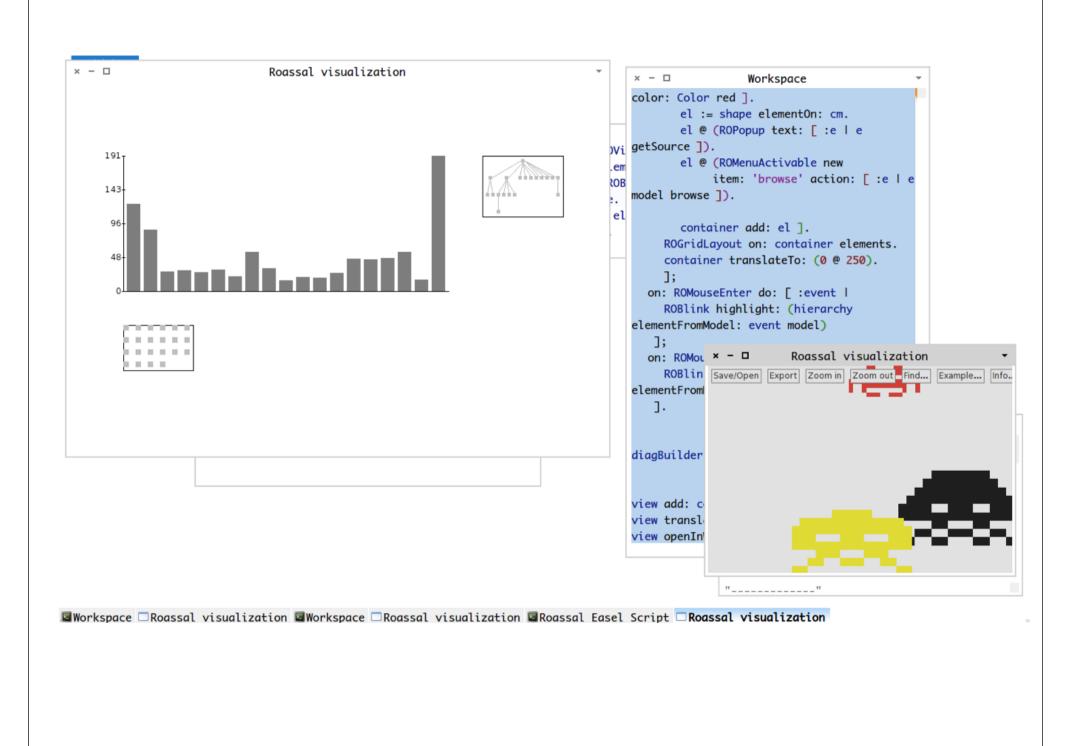
to be the ultimate solution for data visualization

Vision:

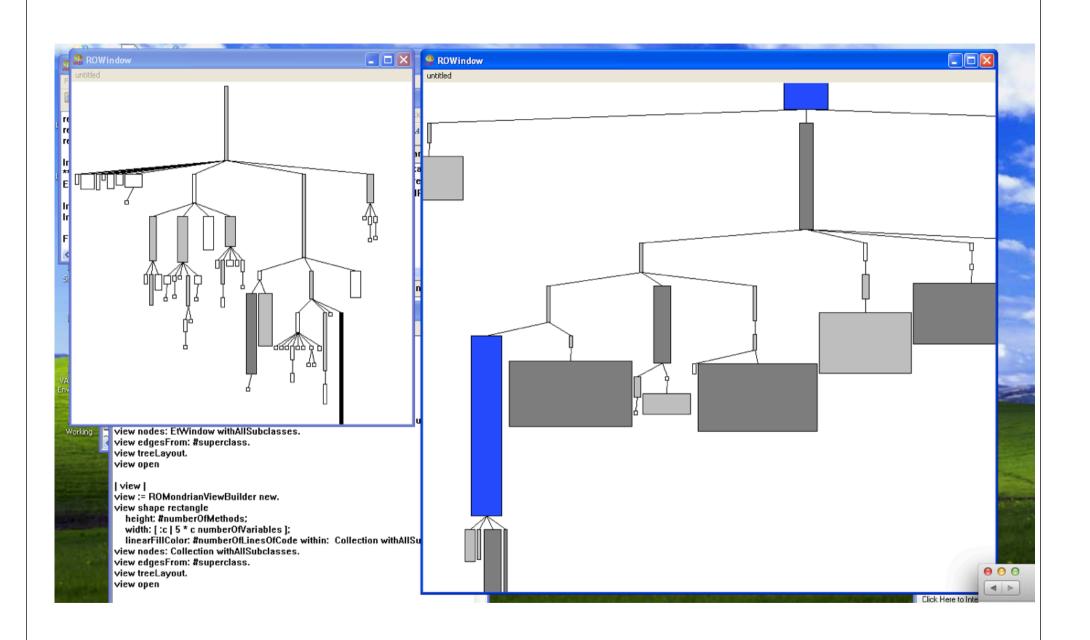
to be the ultimate solution for data visualization

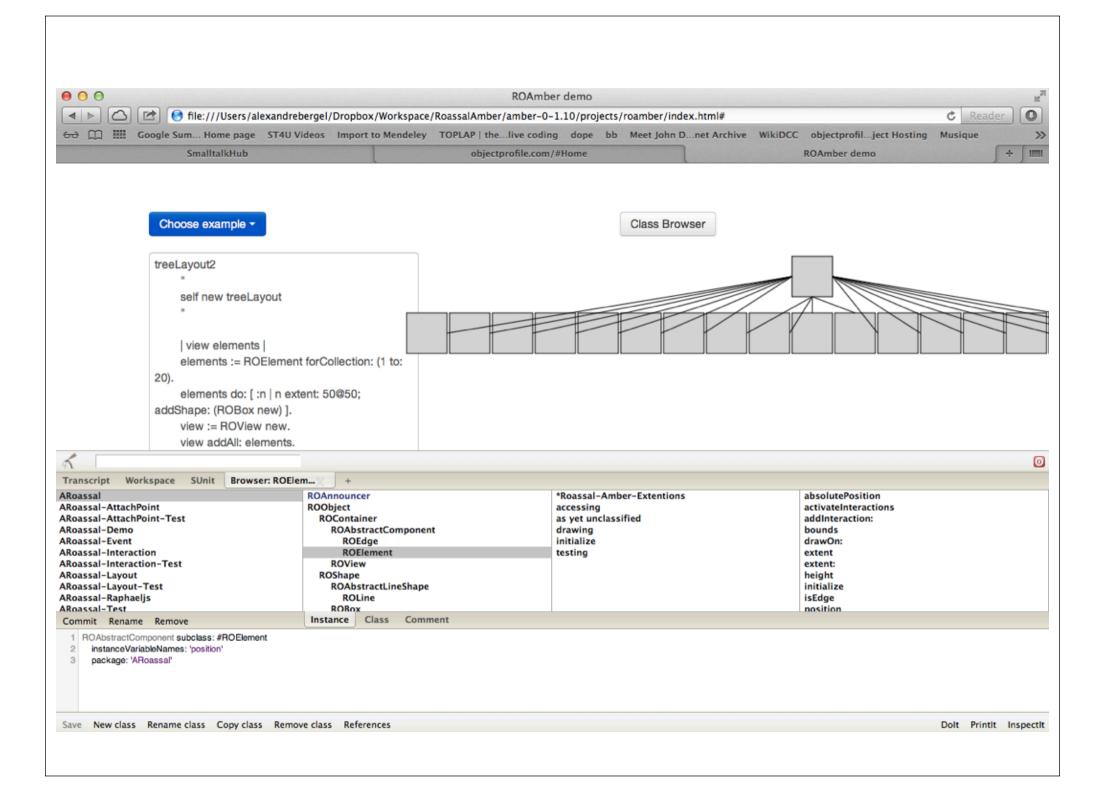
Collateral side effects:

animation, data navigation, browsing, UI building, ...



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/Users/alexandrebergel/vw7.9pul/image/work6.im created at June 10, 2013 1:3 /Users/alexandrebergel/vw7.9pul/image/work6.im created at June 10, 2013 3:0 PMprofiling ended Zoom in Zoom out Find a Class Find a Method Package Class	01:13 Passe visualization Roassal visualization
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ידידידידידידידידידידידידידידידידידידיד	<pre>itLinearNormalizer>(100.0) <#ROMondrianViewBuilder>(77.37)</pre>
Method: #canvas20x20 (resources) Pack	kage: Tools-Resources





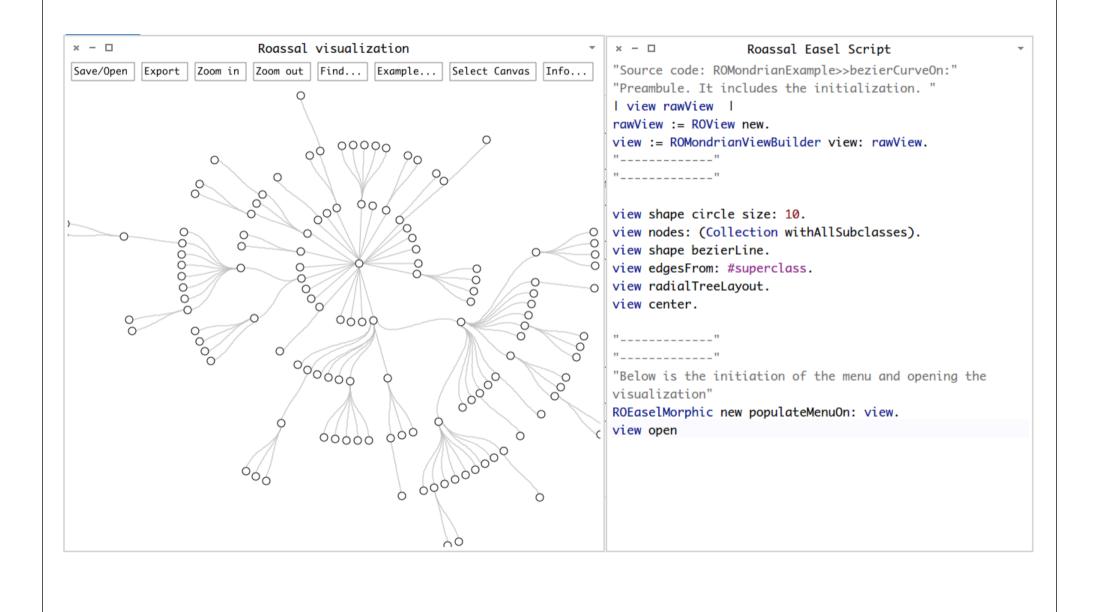
× − □ Roassal visualization	Roassal visualization	▼ × - □ Workspace	
		view := ROView new.	
		el := ROElement new.	
		shape := ROBox green extent: 50 @ 4	0.
	el + shape.		
		view add: el.	
	view open.		

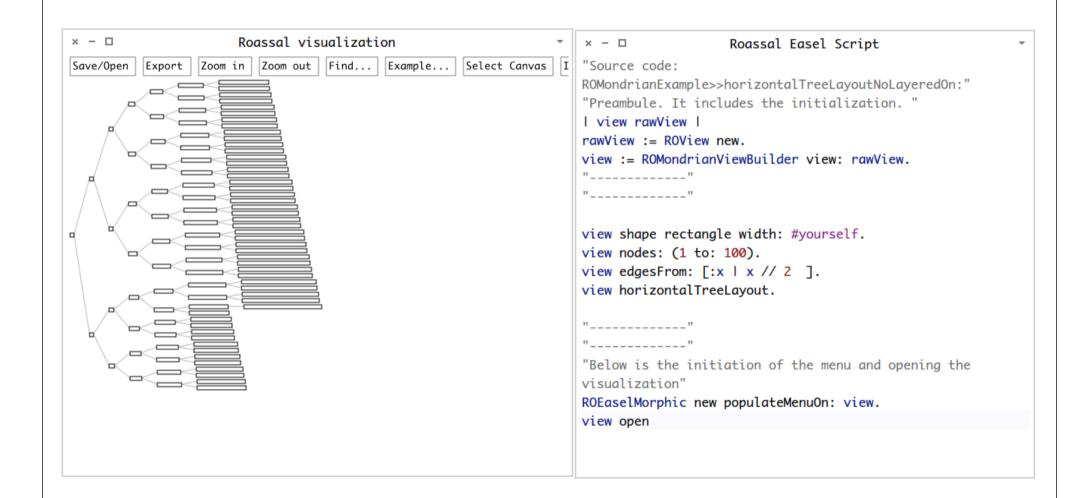
<pre>× - □ Roassal visualization</pre>	<pre>x - □ Workspace view := ROView new. el := ROElement new. shape := ROBox green extent: 50 @ 40. el + shape. el @ RODraggable. el @ (ROMenuActivable item: #beep action: [:event Beeper beep]). view add: el.</pre>
	view open.

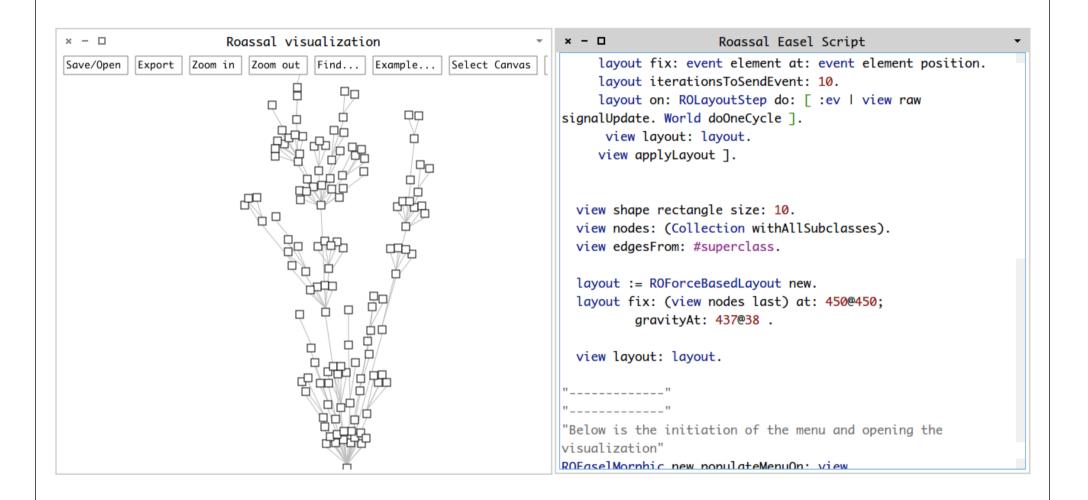
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              Roassal visualization
                                                  × – 🗆
                                                                   Workspace
                                                -
                                                  view := ROView new.
                                                   el := ROElement new.
                                                   shape := ROBox green extent: 50 @ 40.
                                                   el + shape.
         Hello ESUG
                                                   el2 := ROElement new.
                                                  el2 +
                                                     (ROBorder blue strokeWidth: 6) +
                                                     (ROLabel new
                                                       fontSize: 40;
                                                       text: 'Hello ESUG').
                                                   el2 translateTo: 100 @ 100.
                                                  view add: el; add: el2.
                                                  view open.
```

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Roassal visualization
                                                     × – 🗆
                                                                       Workspace
× - 🗆
                                                  -
                                                     view := ROView new.
                                                     el := ROElement new.
                                                     shape := ROBox green extent:
                                                        (Object numberOfVariables @ Object
                                                     numberOfMethods).
                                                     el + shape.
                                                     el @ (ROPopup text: 'Object').
                                                     el2 := ROElement new.
                                                     shape2 := ROBox green extent:
                                                        (ROShape numberOfVariables @ ROShape
                                                     numberOfMethods).
                                                     el2 + shape2.
                                                     el2 @ (ROPopup text: 'ROShape').
                                                     el2 translateTo: 100 @ 100.
                                                     view add: el; add: el2.
                                                     view open.
```

```
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              Roassal visualization
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                                                                           Workspace
                                                  *
                                                                                                         -
                                                     view := ROView new.
                                                     shape := ROBox green
 Object
                                                               width: [:e | e model numberOfVariables ];
                                                               height: [:e | e model numberOfMethods ].
                                                     interaction := ROPopup.
                                                     el := ROElement on: Object.
                                                     el + shape.
                                                     el @ interaction.
                                                     el2 := ROElement on: ROShape.
                                                     el2 + shape.
                                                     el2 @ interaction.
                                                     el2 translateTo: 100 @ 100.
                                                     view add: el; add: el2.
                                                     view open
```







Demo time

ROMondrianExample>>dynamic3 ROMondrianExample>>miniMapOn:

> Smart Browser Visual ID Spline Hierarchical Bundle Edges

Scalability

Exporter PNG, SVG

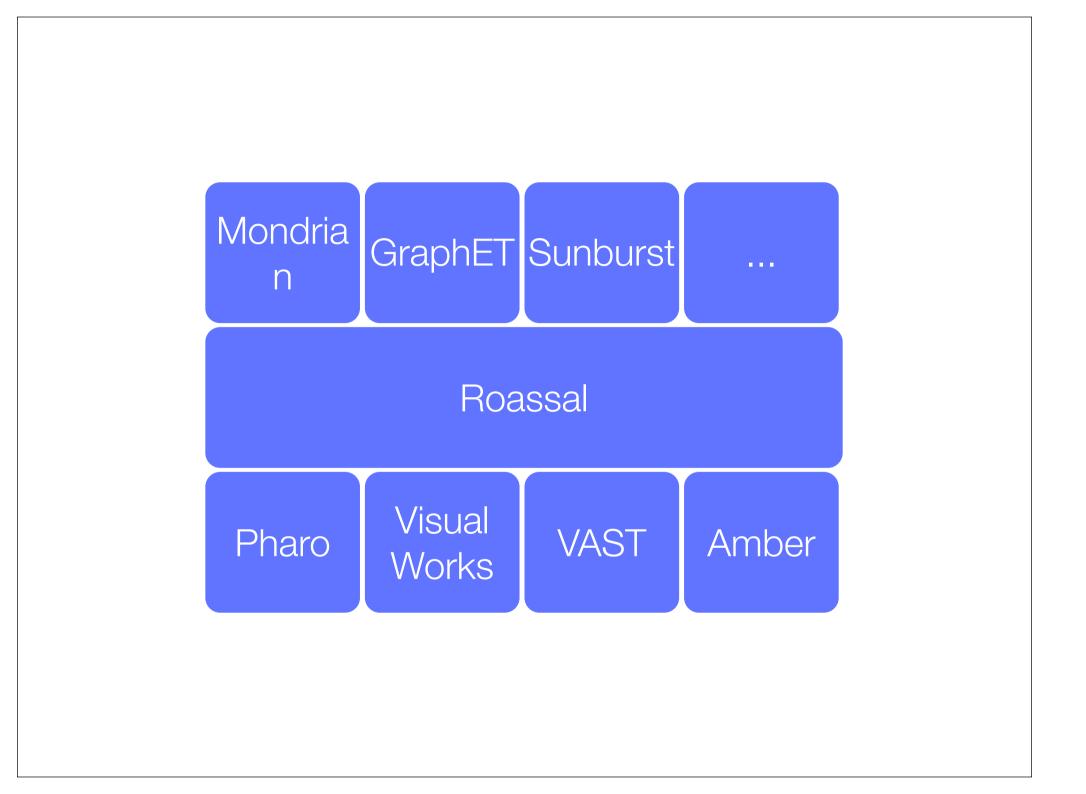
Smooth zooming in/out

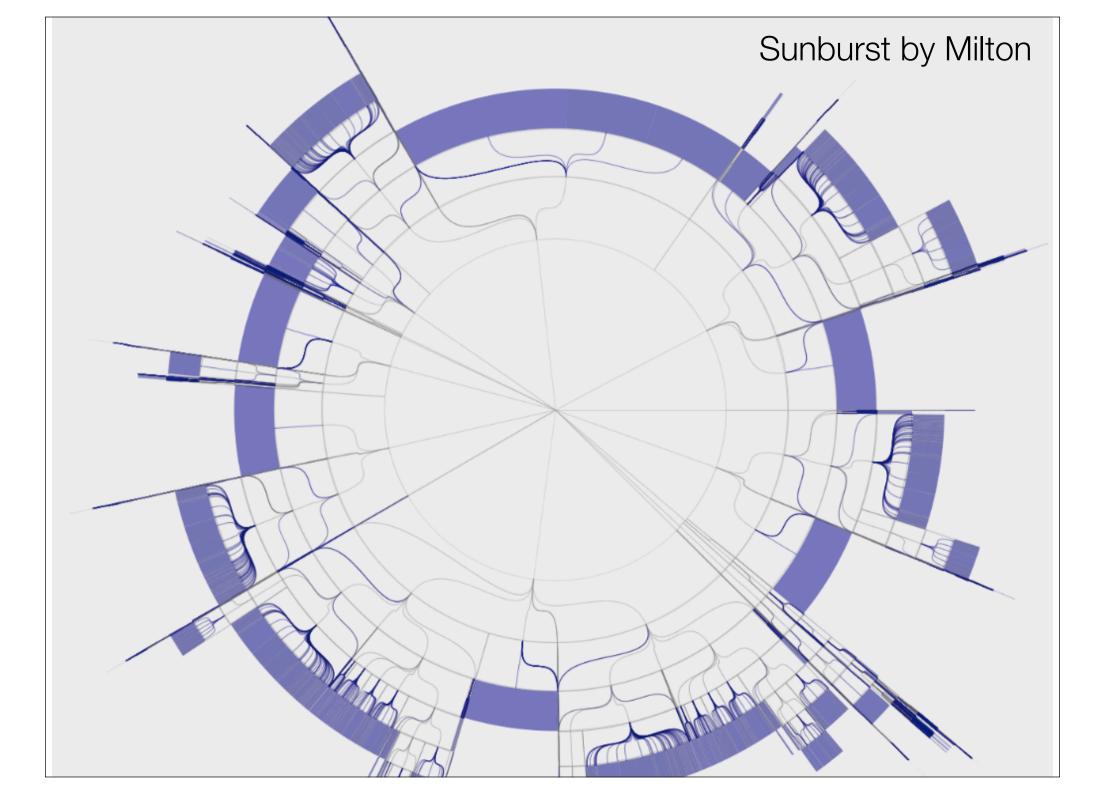
Extended set of tests

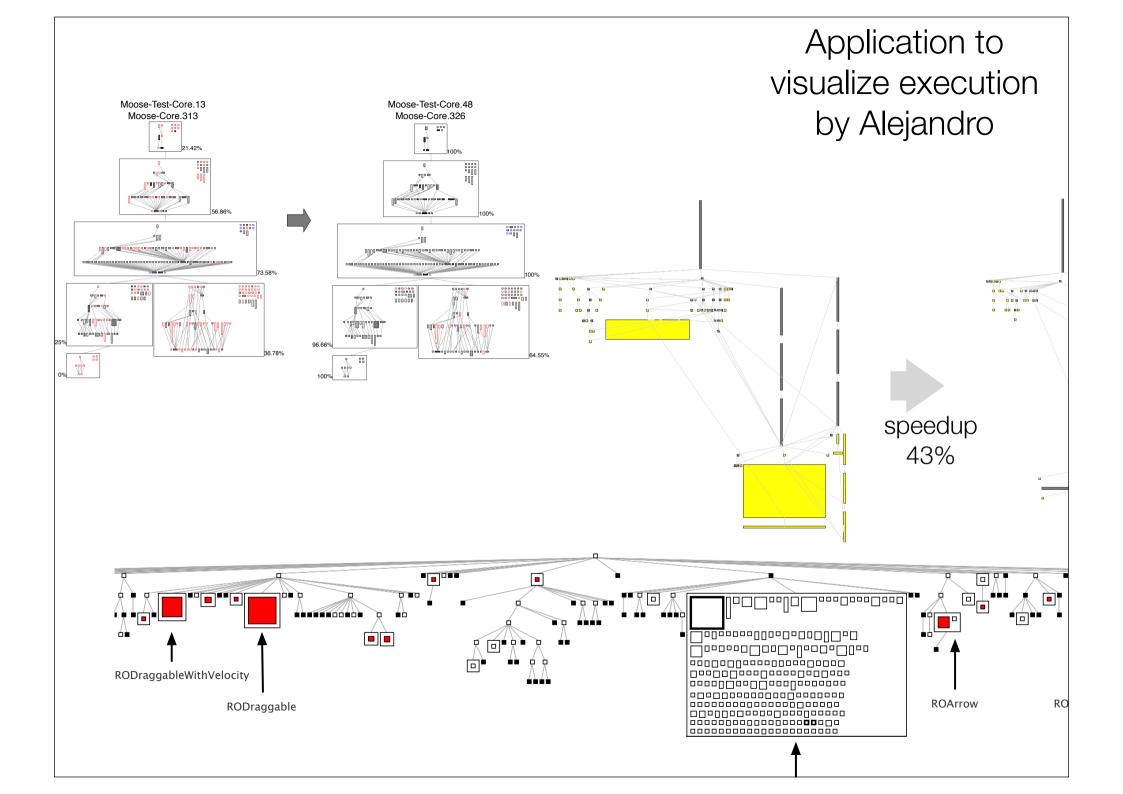
Many layouts

Cairo / Athens support

Integration with GraphViz





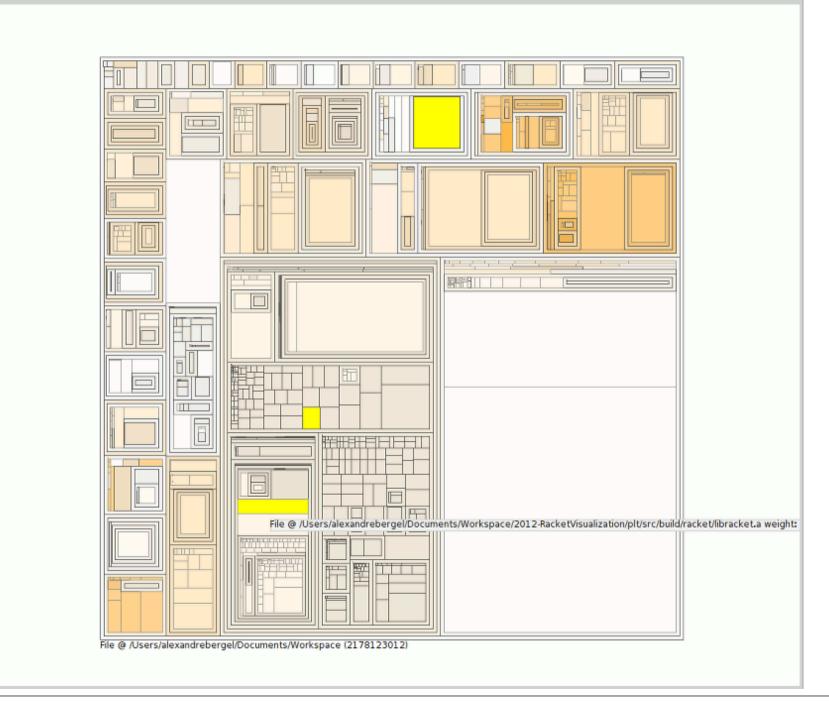


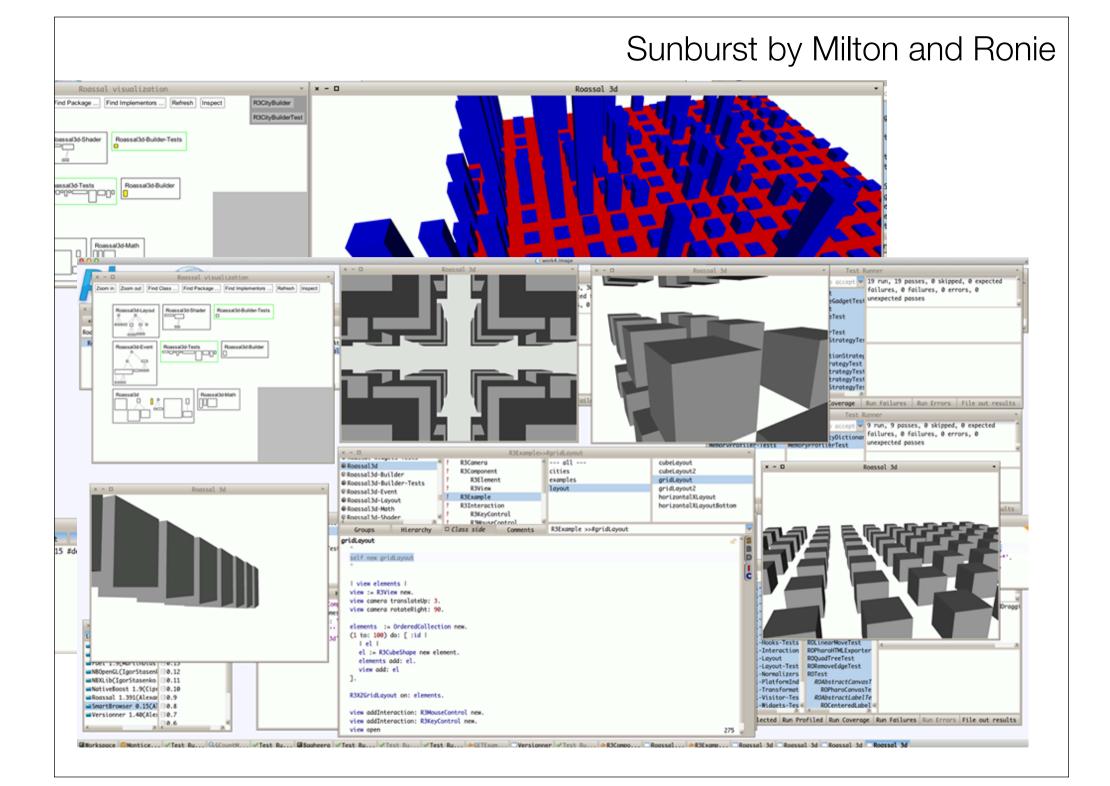


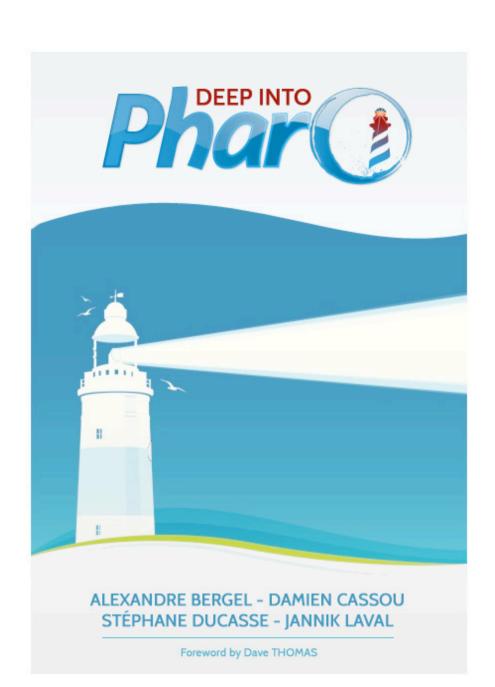
Roassal visualization

Zoom in Zoom out Find ...

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Agile Visualization with Roassal

Scripting Visualizations with Mondrian



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