## Agile Visualization with Roassal

Object Profile info@objectprofile.com 31/08/2014



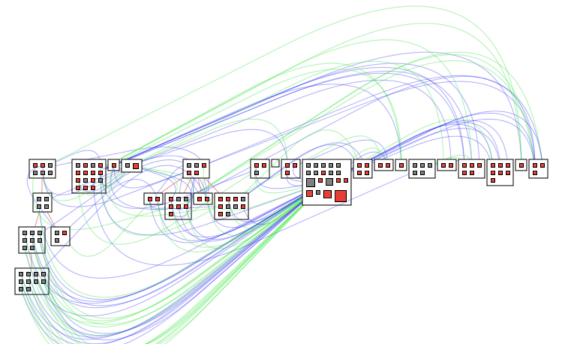


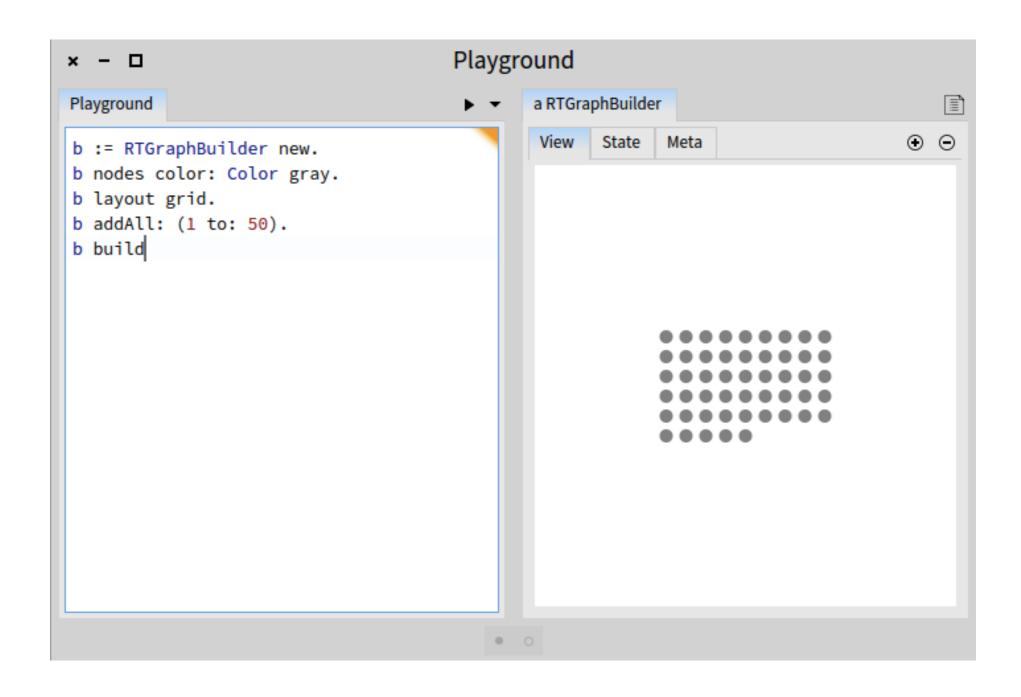
Although often used to visualize software-related data, Roassal visualizes any data

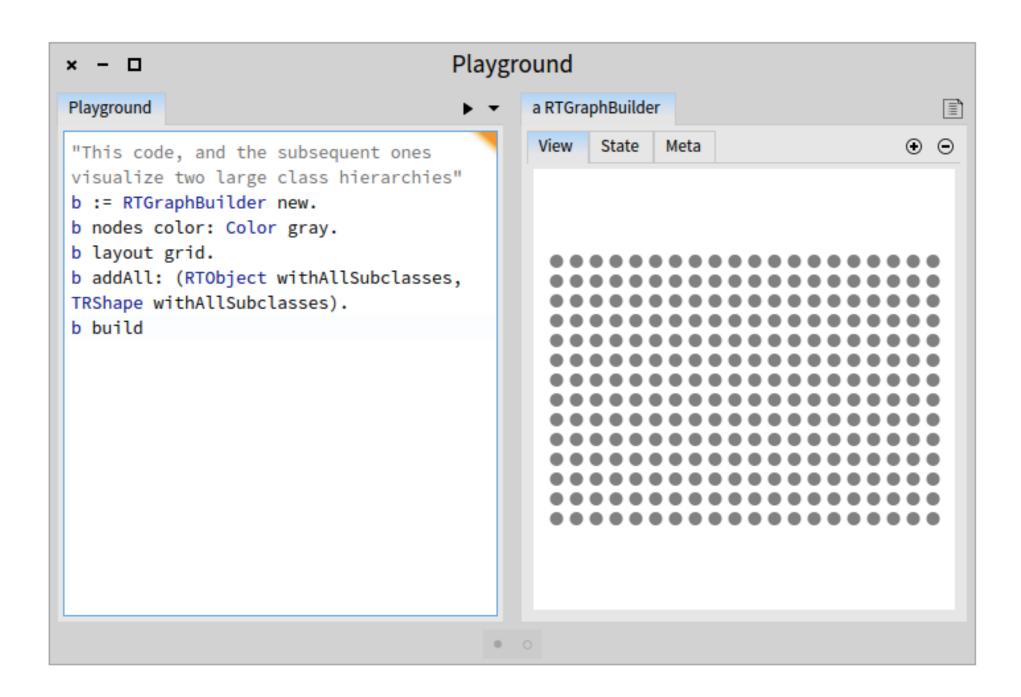
Roassal is used in several industrial and open-source projects

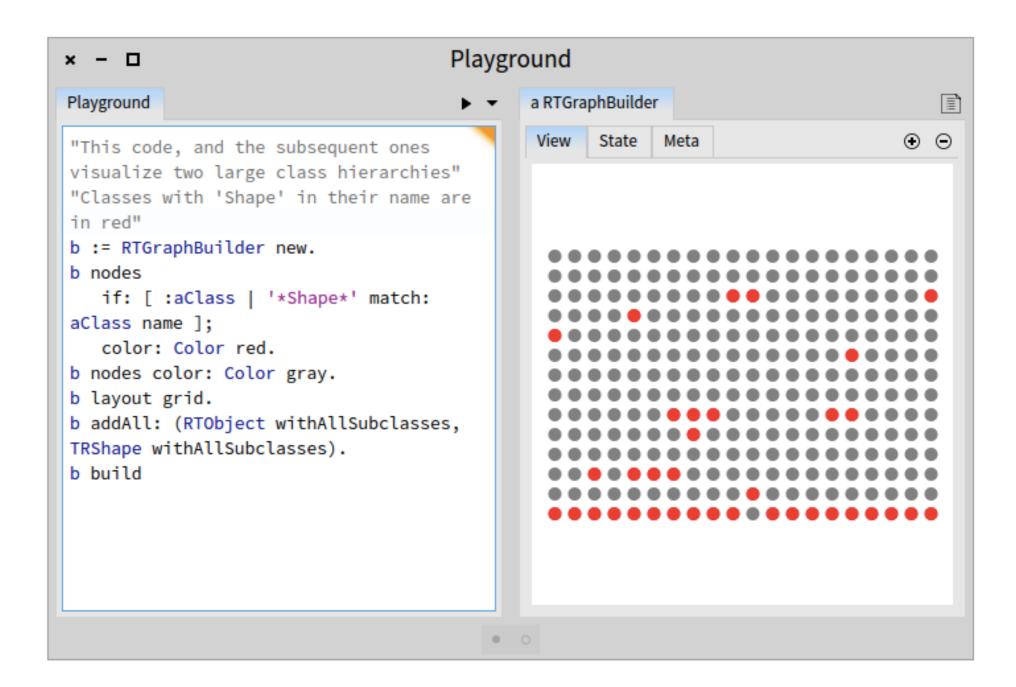
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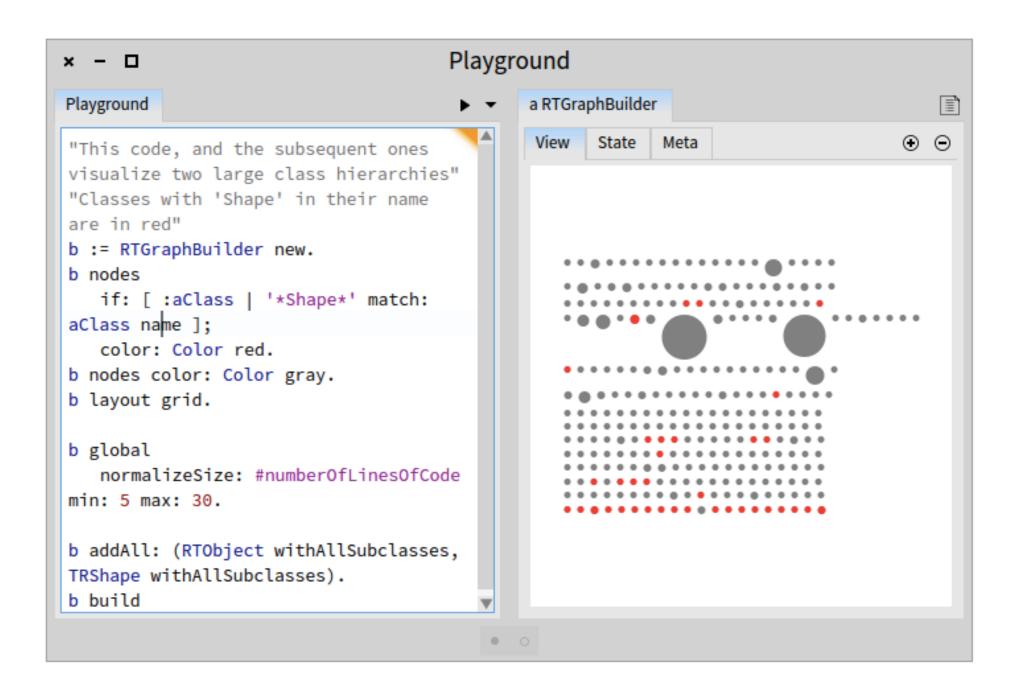
This presentations contains screenshots

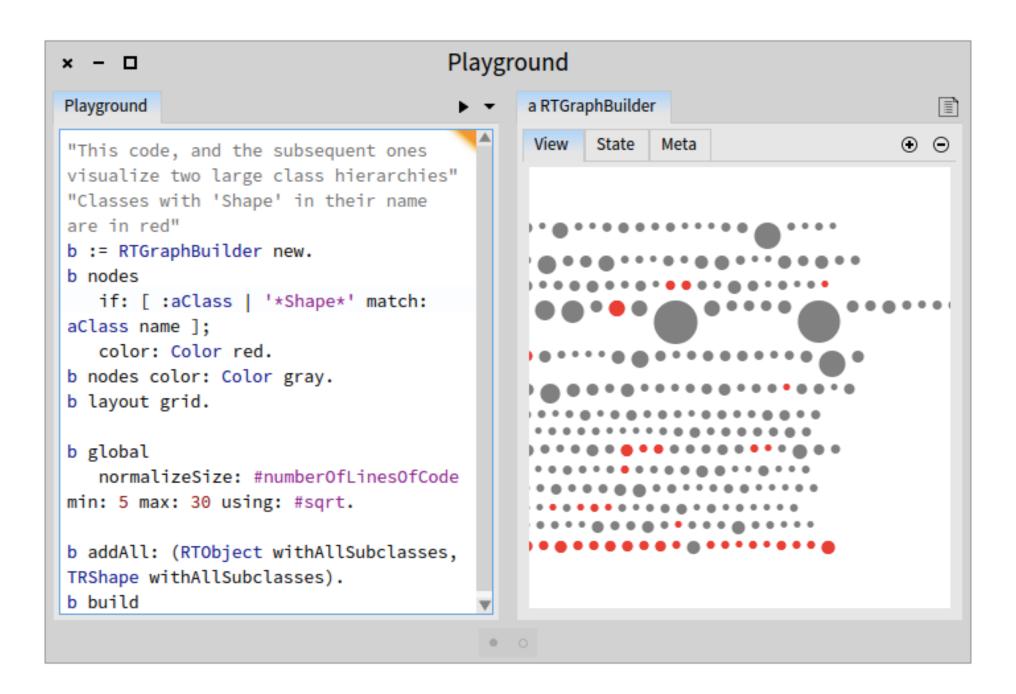


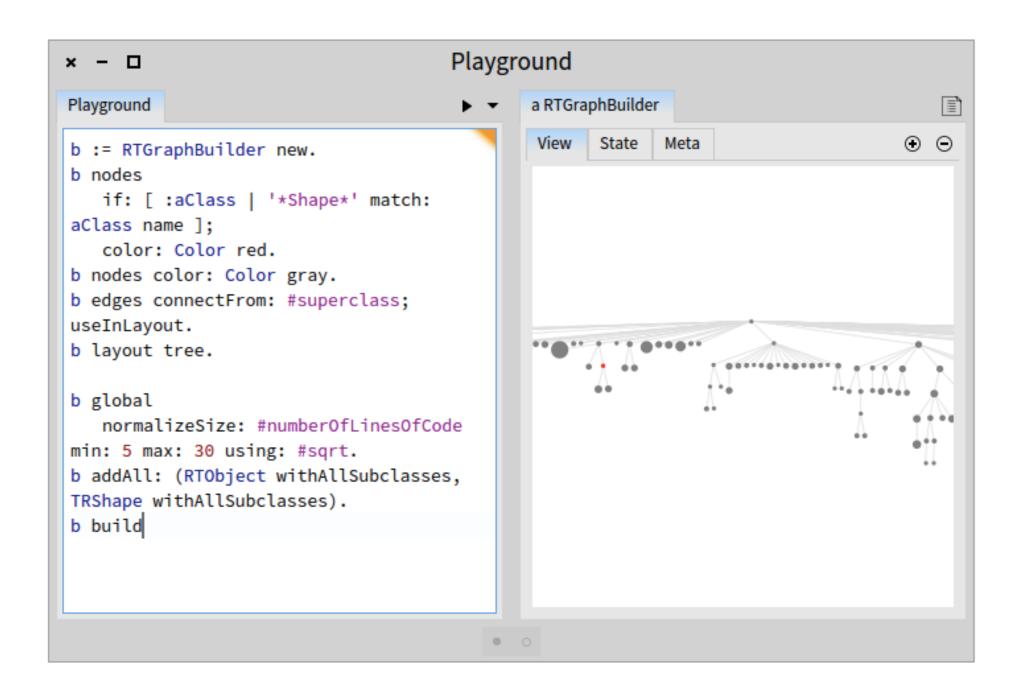


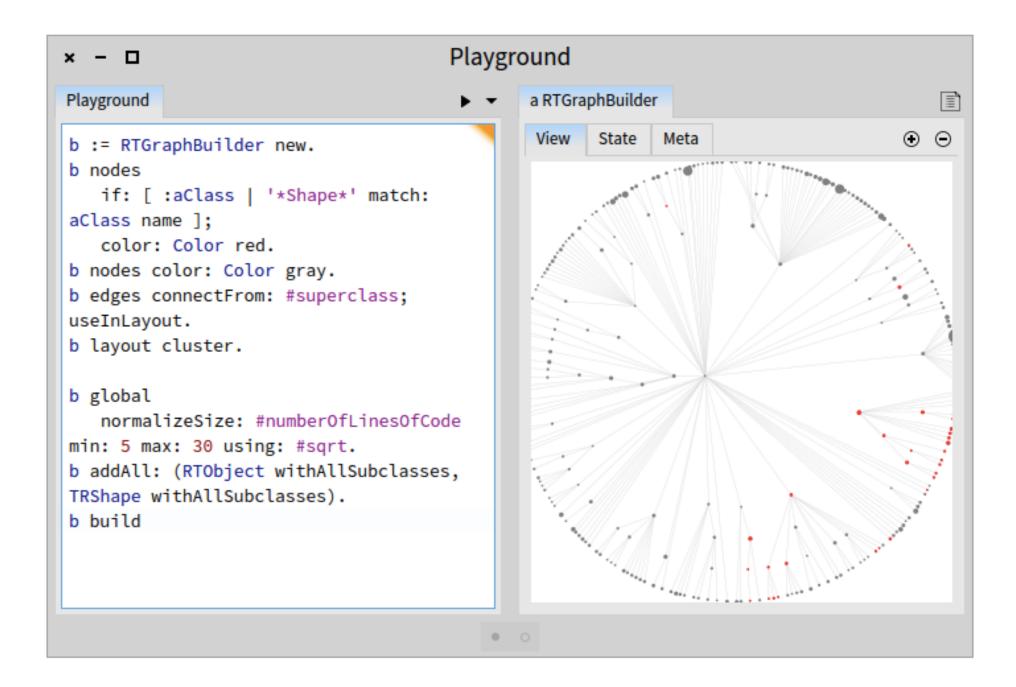


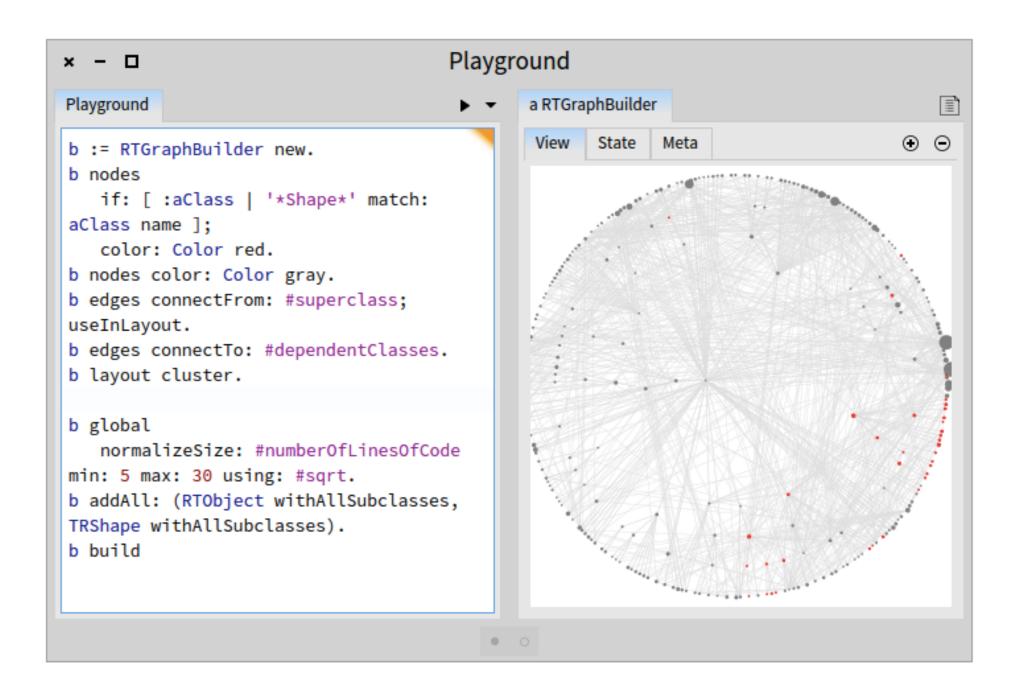


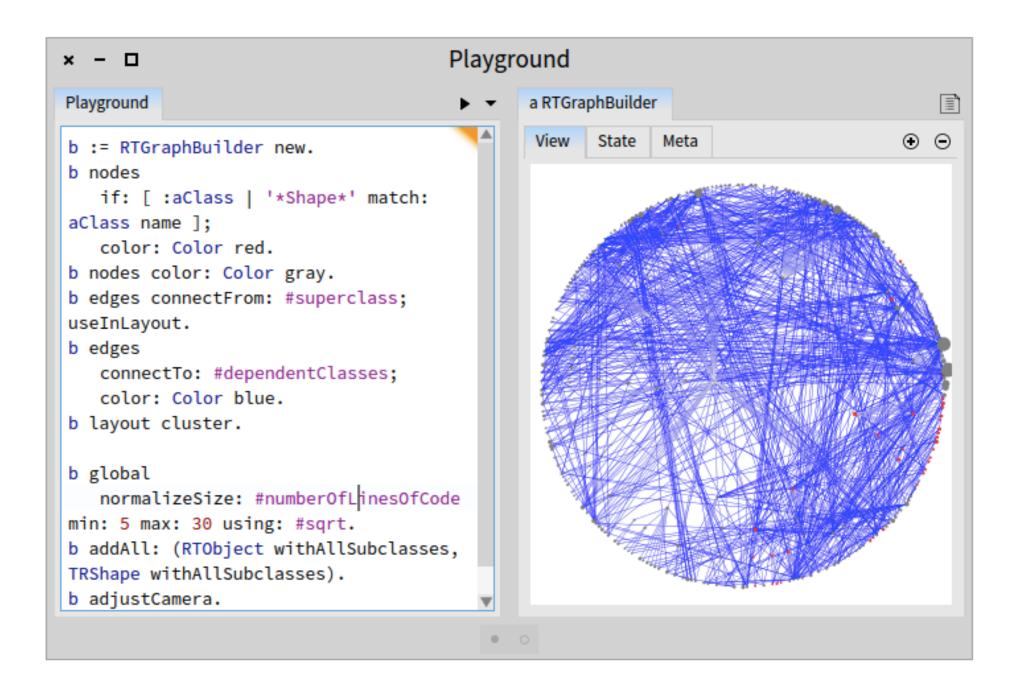


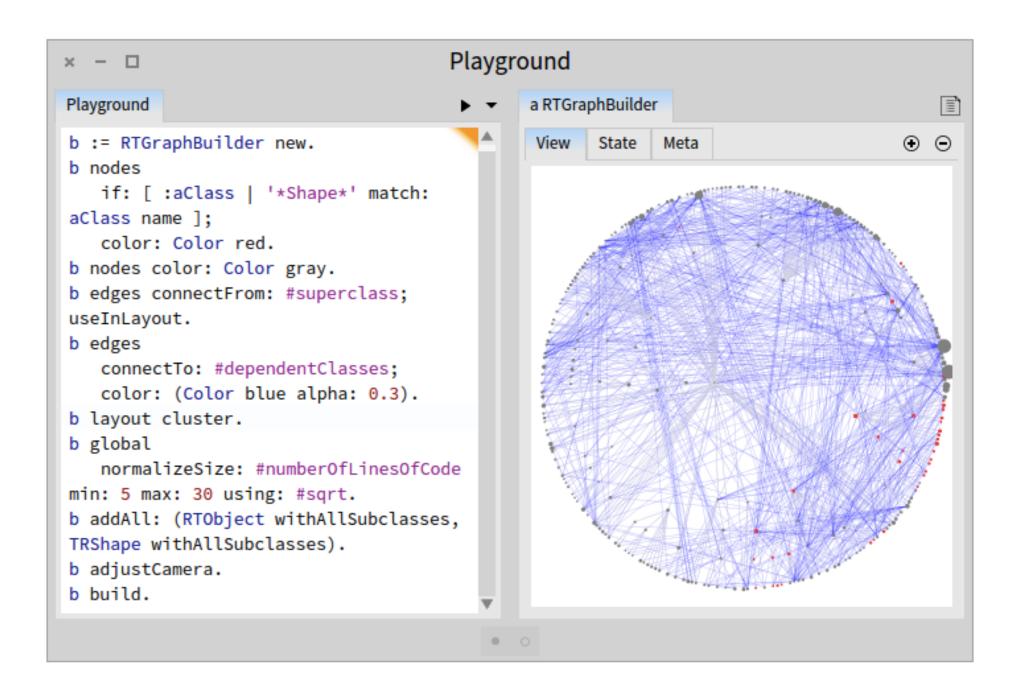


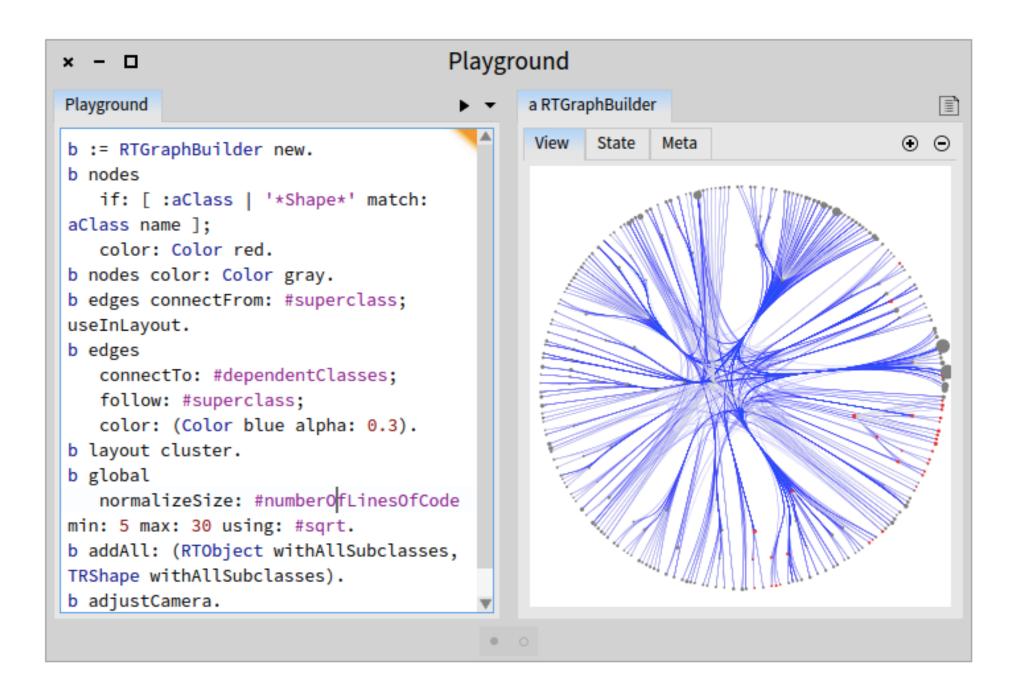


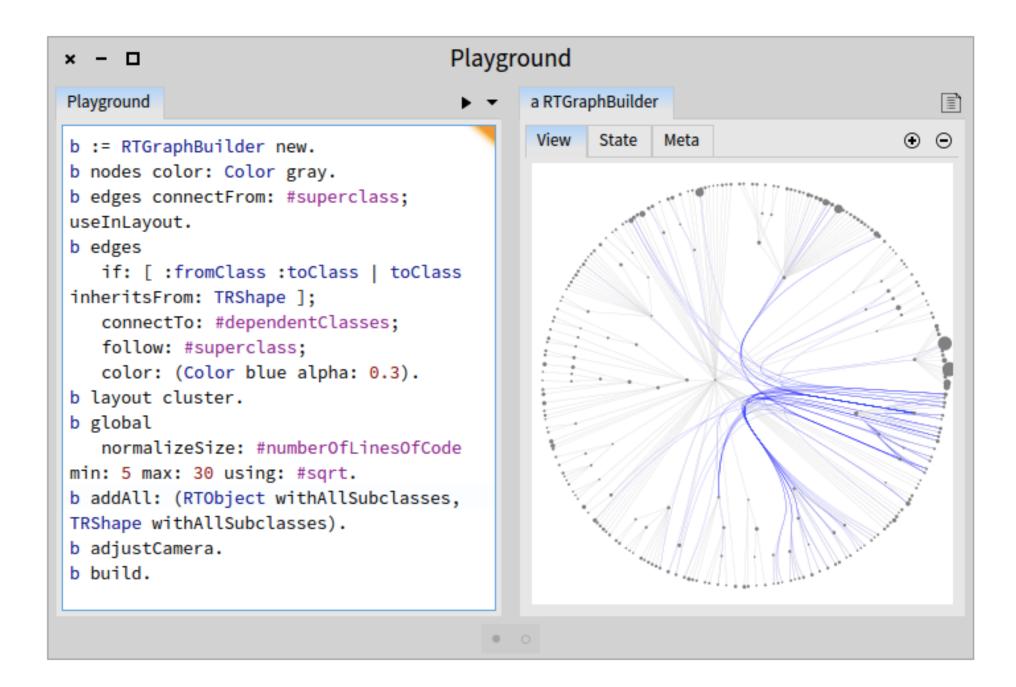


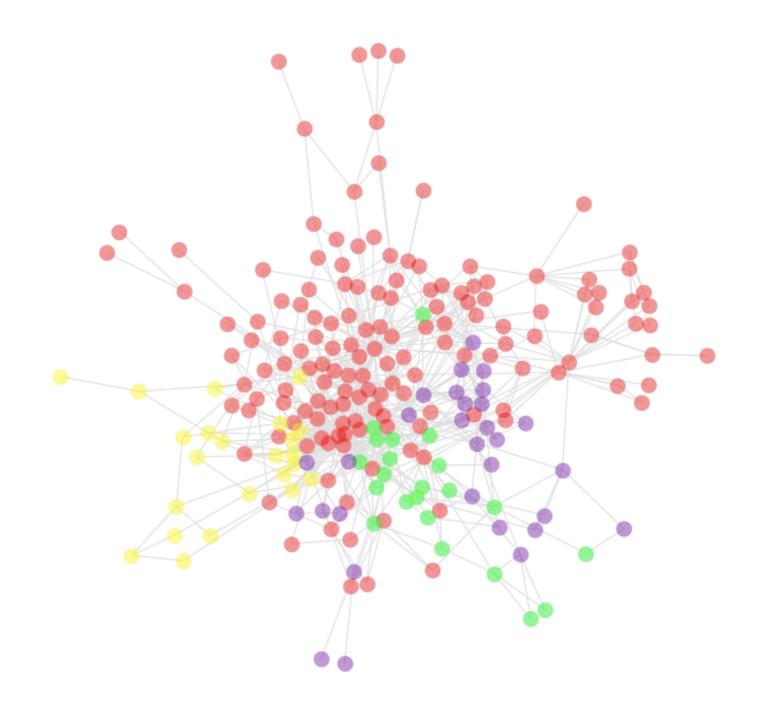


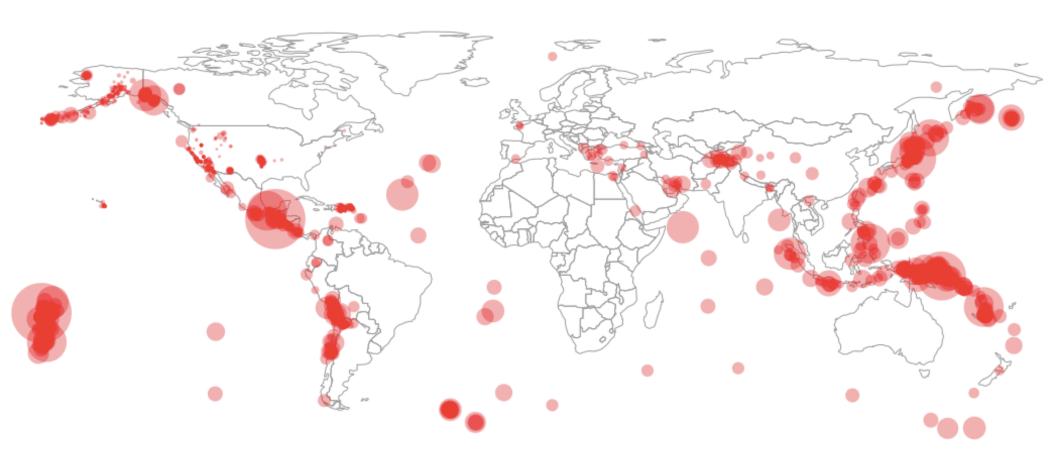


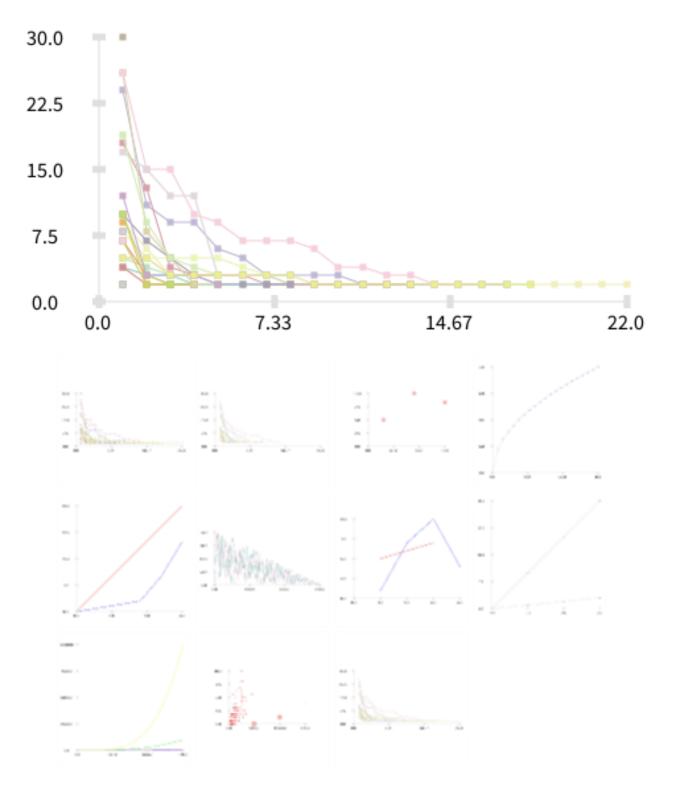


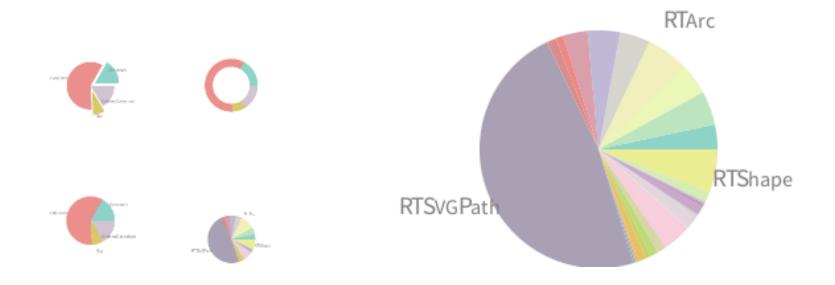


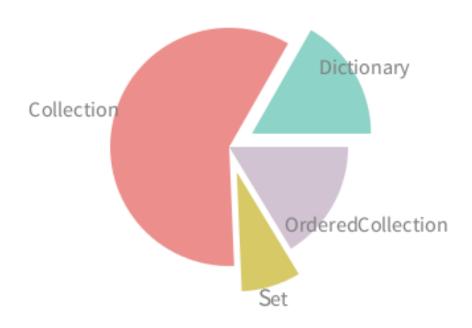




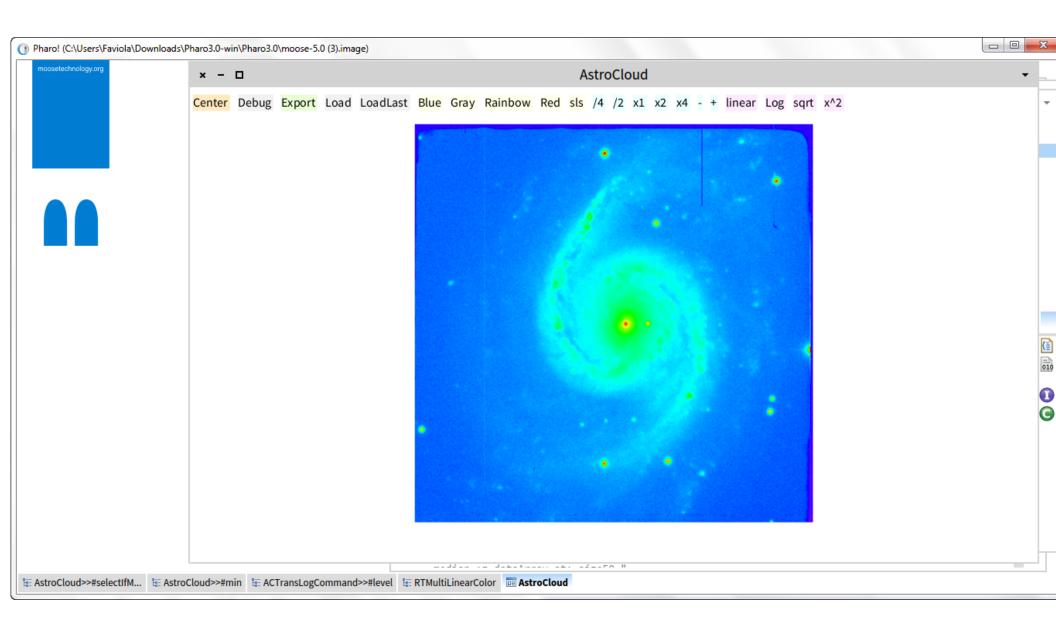


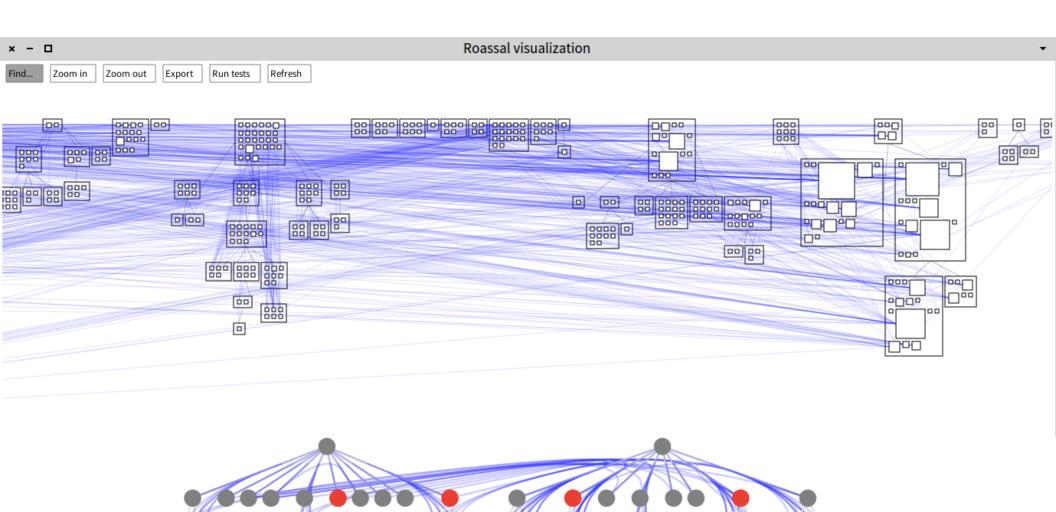


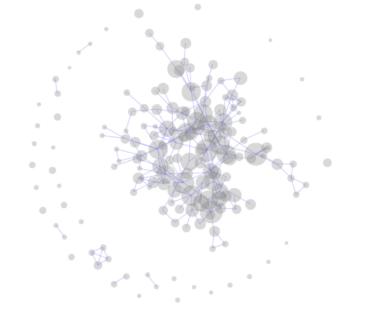




```
Playground
Playground
                                                                       a RTView (a RTView)
                                                                                              Meta
                                                                              State
                                                                                    Elements
                                                                                                                                     ⊕
b3 := RTPieBuilder new.
b3 view: c view.
b3 interaction popup.
                                                                                         class hierarchy
b3 objects: classesToAnalyze.
es := b3 slice: #numberOfLinesOfCode.
b3 globalRule
      elements: es;
      distinctColor.
b3 build.
c propagateHighlight.
                                                                                            #methods
c group: #pie.
                                                                                                                           TRShape
                                                                               57.0
11_____1
b4 := RTCharterBuilder new.
                                                                               42.75
b4 view: c view.
b4 extent: 290 @ 200.
                                                                               28.5
b4 interaction popup.
                                                                               14.25
b4 shape ellipse size: 15; color: (Color red alpha: 0.3).
b4 points: classesToAnalyze.
b4 x: #numberOfMethods; y: #numberOfVariables min: 0 max: 10.
                                                                                0.0
b4 size: #numberOfLinesOfCode min: 4 max: 20 using: #sqrt.
                                                                                        NOM x NOA x LOC
                                                                        10.0
b4 axisXWithNumberOfTicks: 3.
b4 axisYWithNumberOfTicks: 4.
b4 highlightIf: [ :cls | (cls numberOfLinesOfCode > 2000) or:
                                                                         7.5
[ cls numberOfVariables > 10 ] ] using: #name.
c propagateHighlight.
c group: #plot.
                                                                         5.0
                                                                         2.5
c move: #hierarchy onTheLeftOf: #pie.
c move: #stat below: #hierarchy.
c move: #plot below: #stat.
                                                                         0.0
                                                                                          19.0
                                                                                                       38.0
                                                                                                                    57.0
                                                                              0.0
c nameGroup: #hierarchy as: 'class hierarchy'.
c nameGroup: #stat as: '#methods'.
"c nameGroup: #pie as: '#LOC'."
```







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