

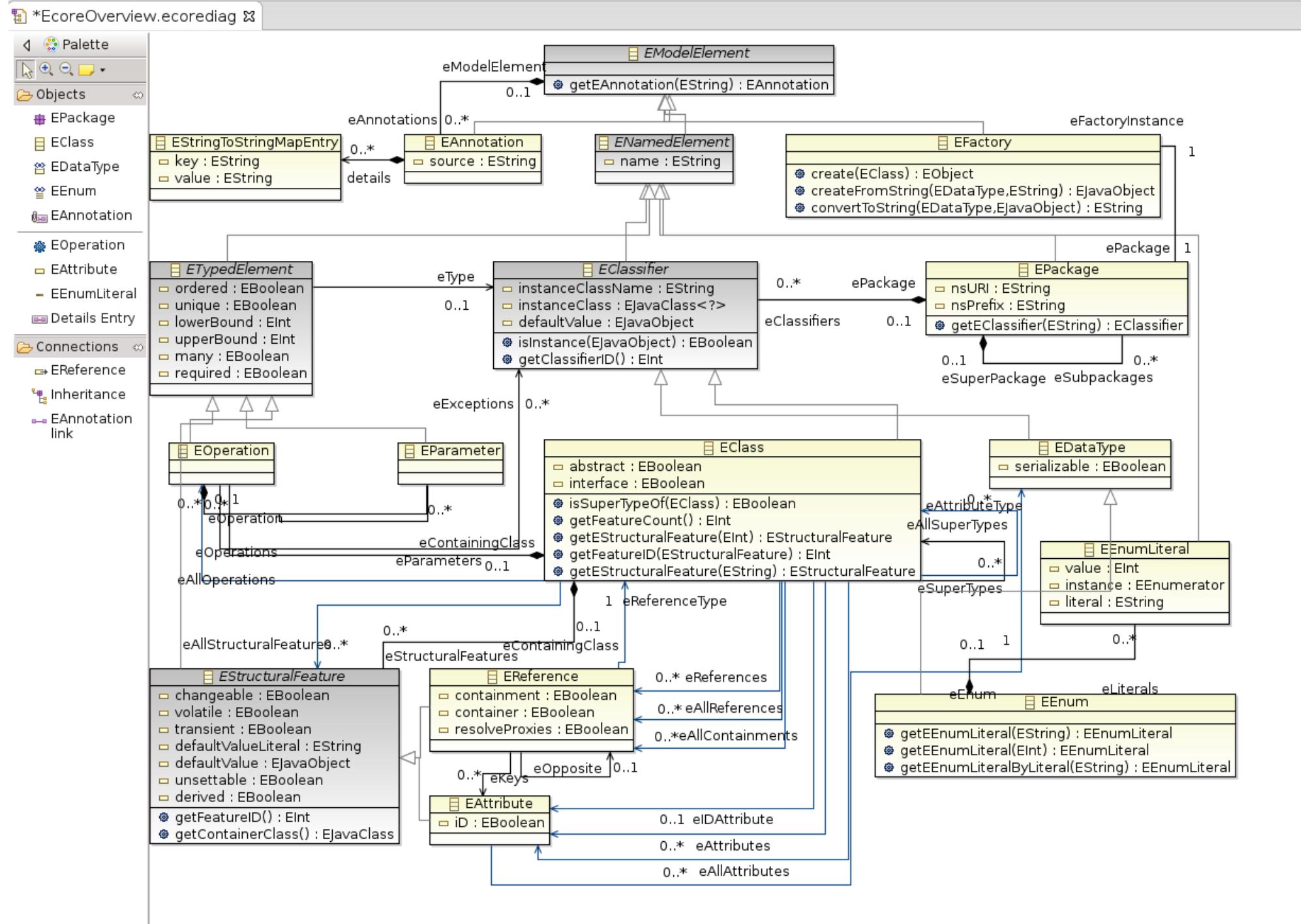


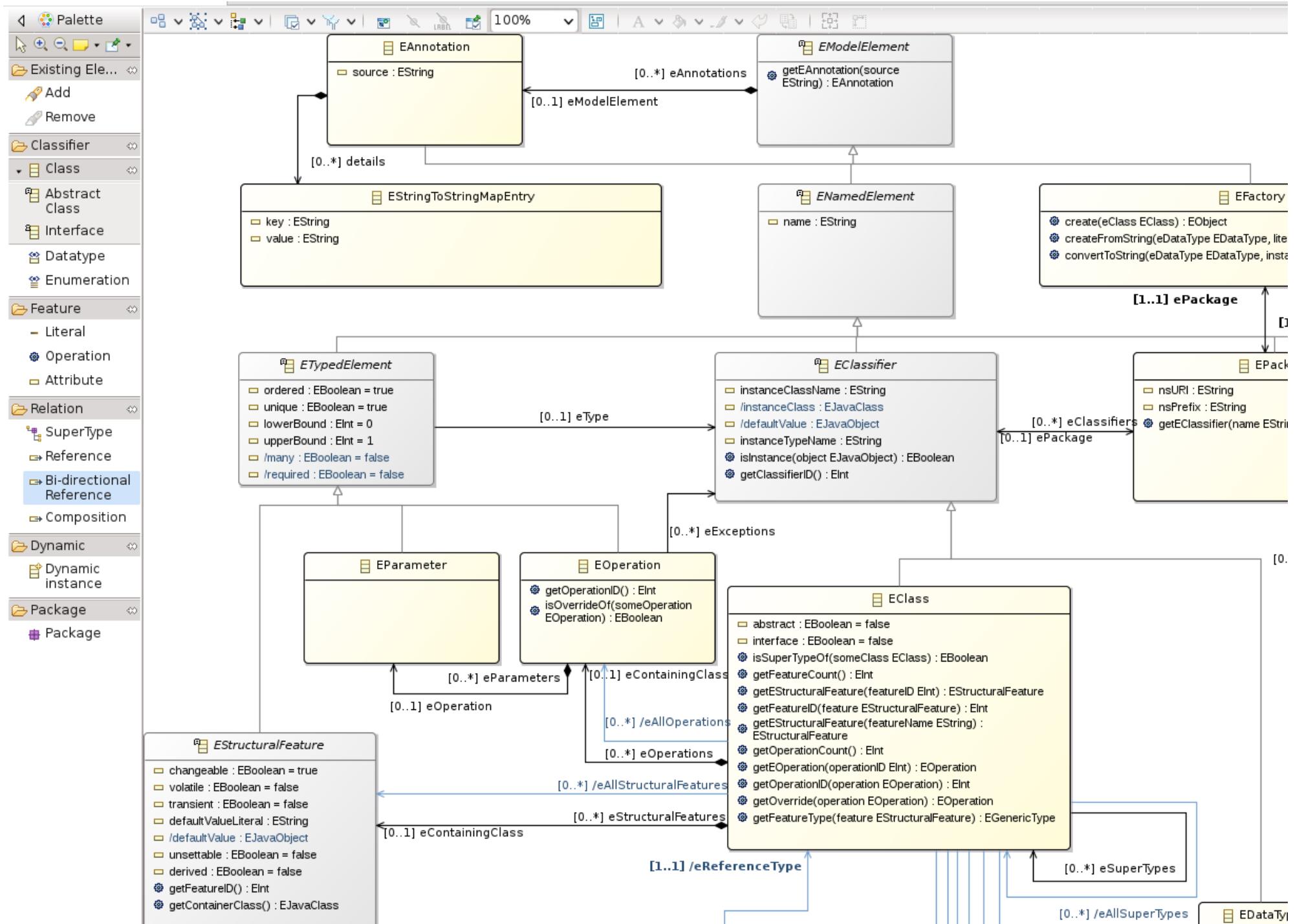
# EcoreTools 2.0

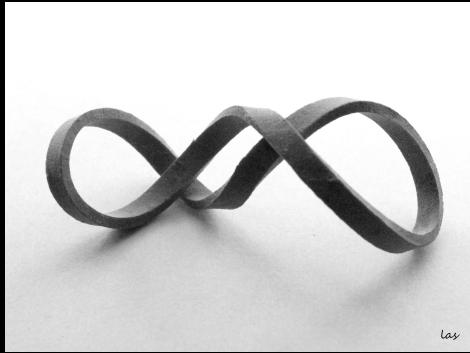
## The Luna Revival

Cédric Brun <cedric.brun@obeo.fr>





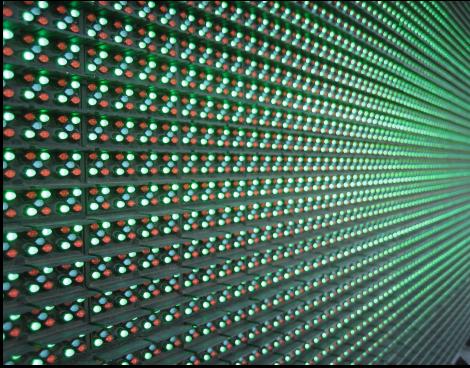




Flexible



Scalable



Full-Screen



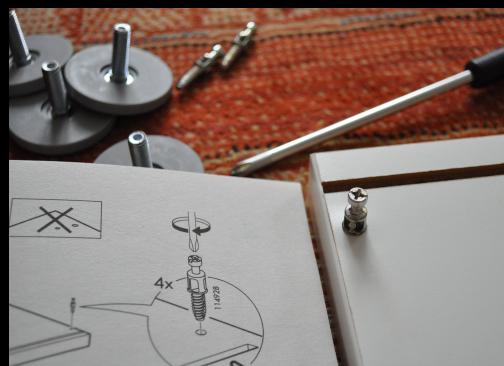
Documentation



Feedback



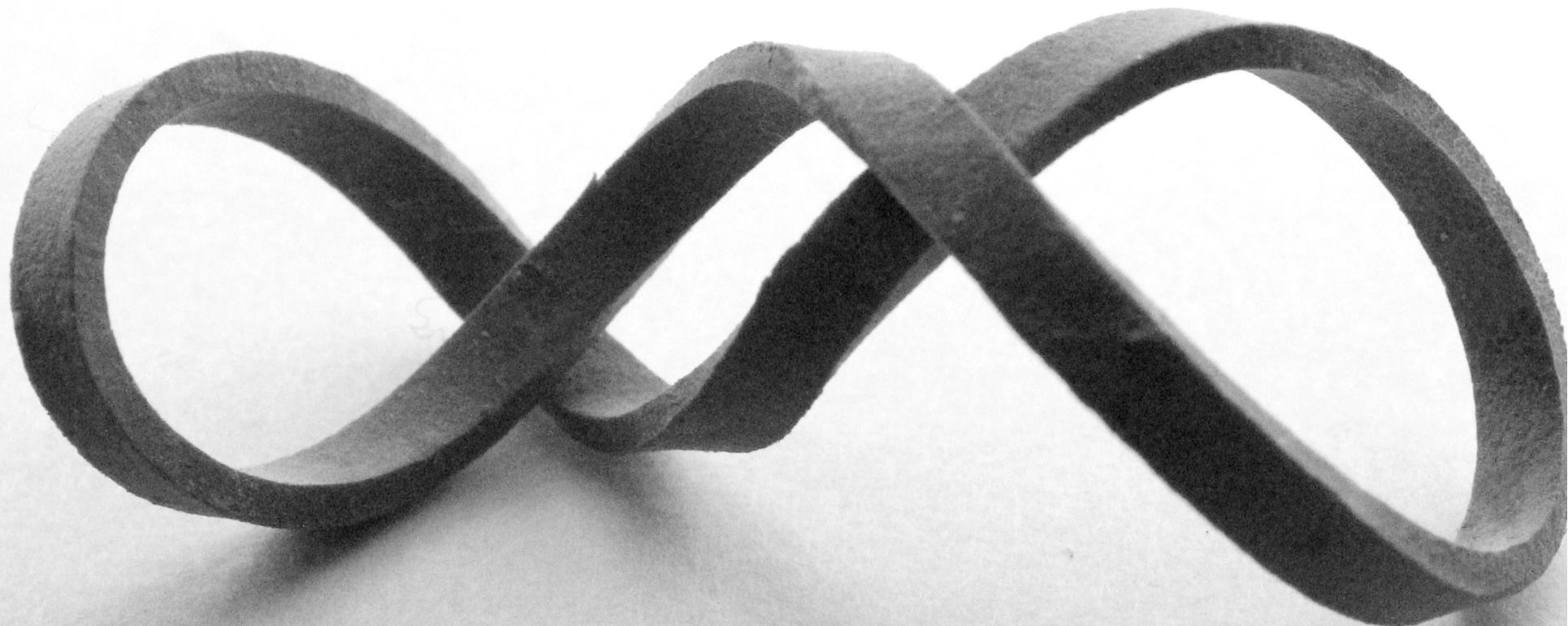
Analysis



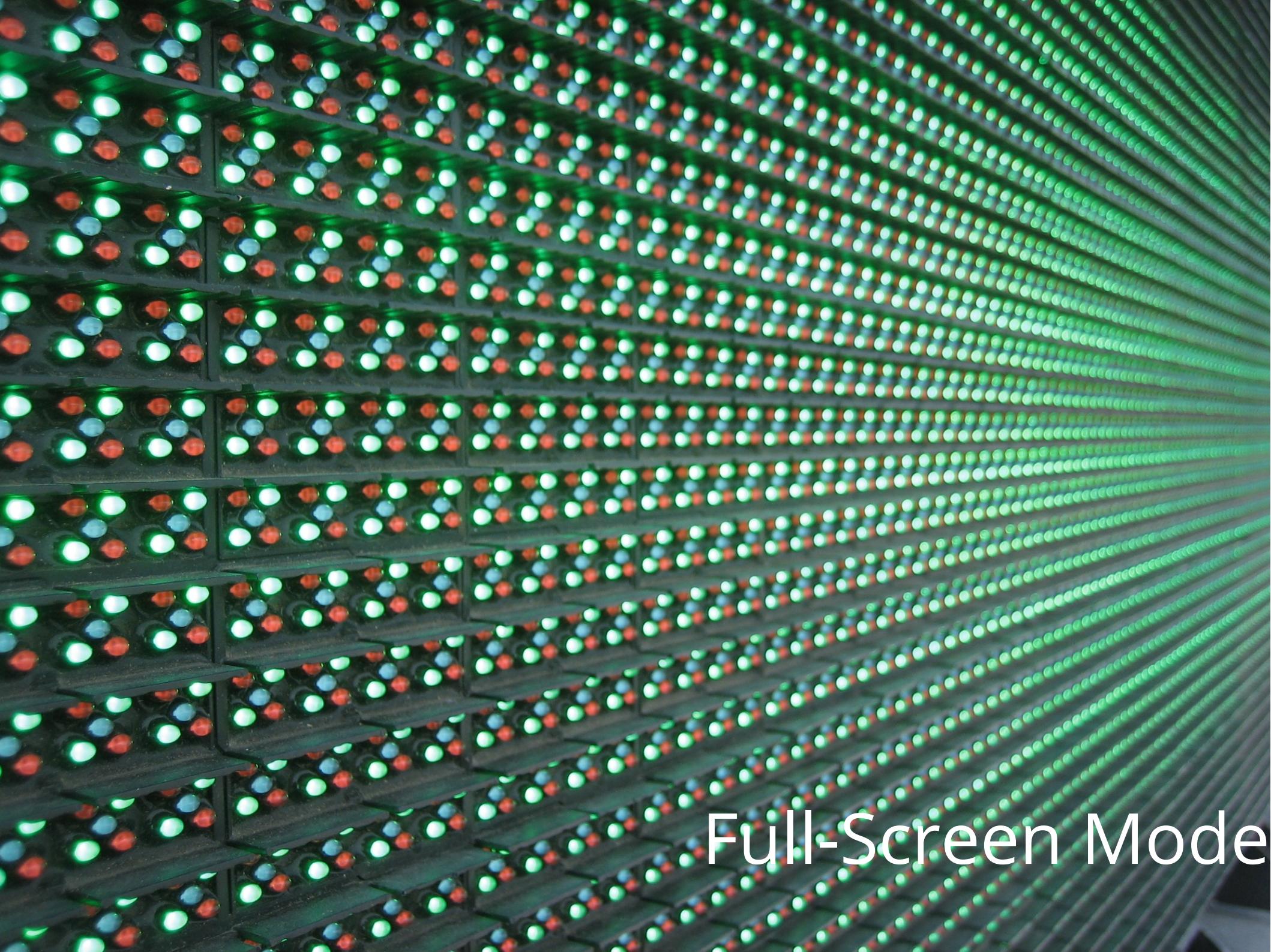
Ecore



CodeGen



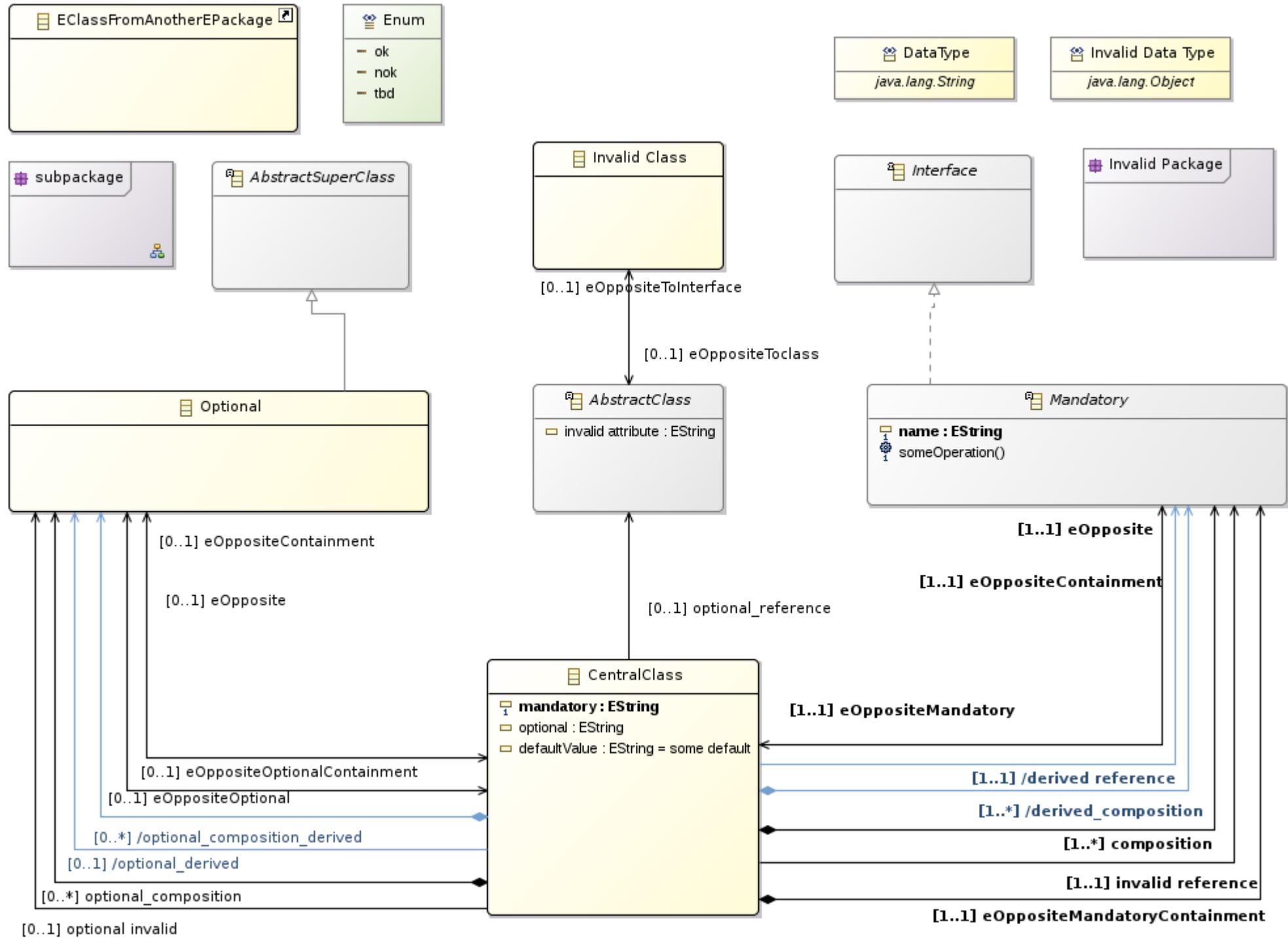
# Flexible Diagramming

A close-up view of a large-scale LED display panel. The panel is composed of numerous small, square light-emitting diodes (LEDs) arranged in a grid pattern. The colors of the LEDs vary, with many appearing as bright green, some as white, and others as a mix of red and blue. The panel is set against a dark background, which makes the bright lights stand out. The perspective of the image is slightly angled, giving a sense of depth to the grid.

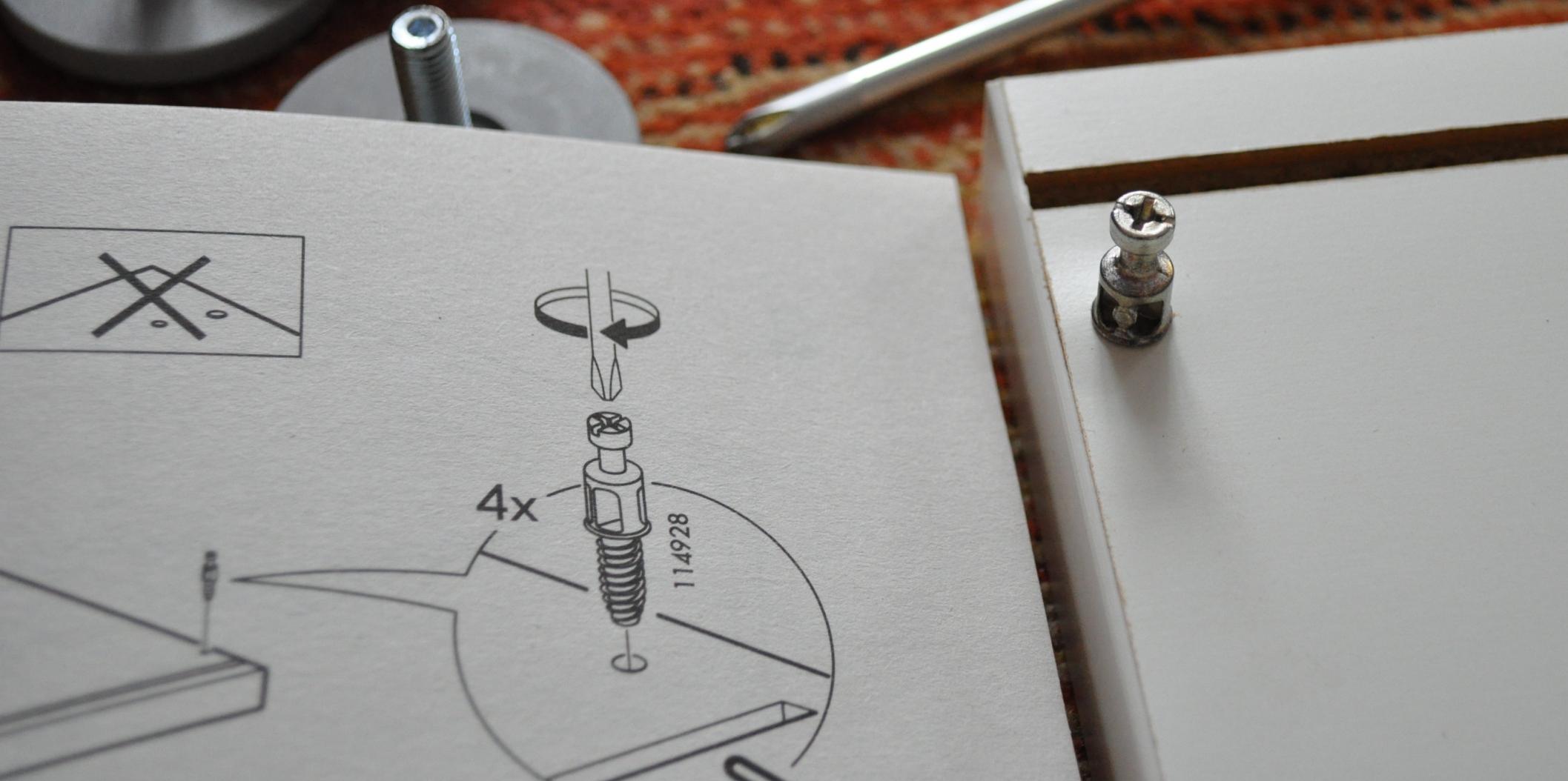
Full-Screen Mode



# Feedback



# Ecore Modeling



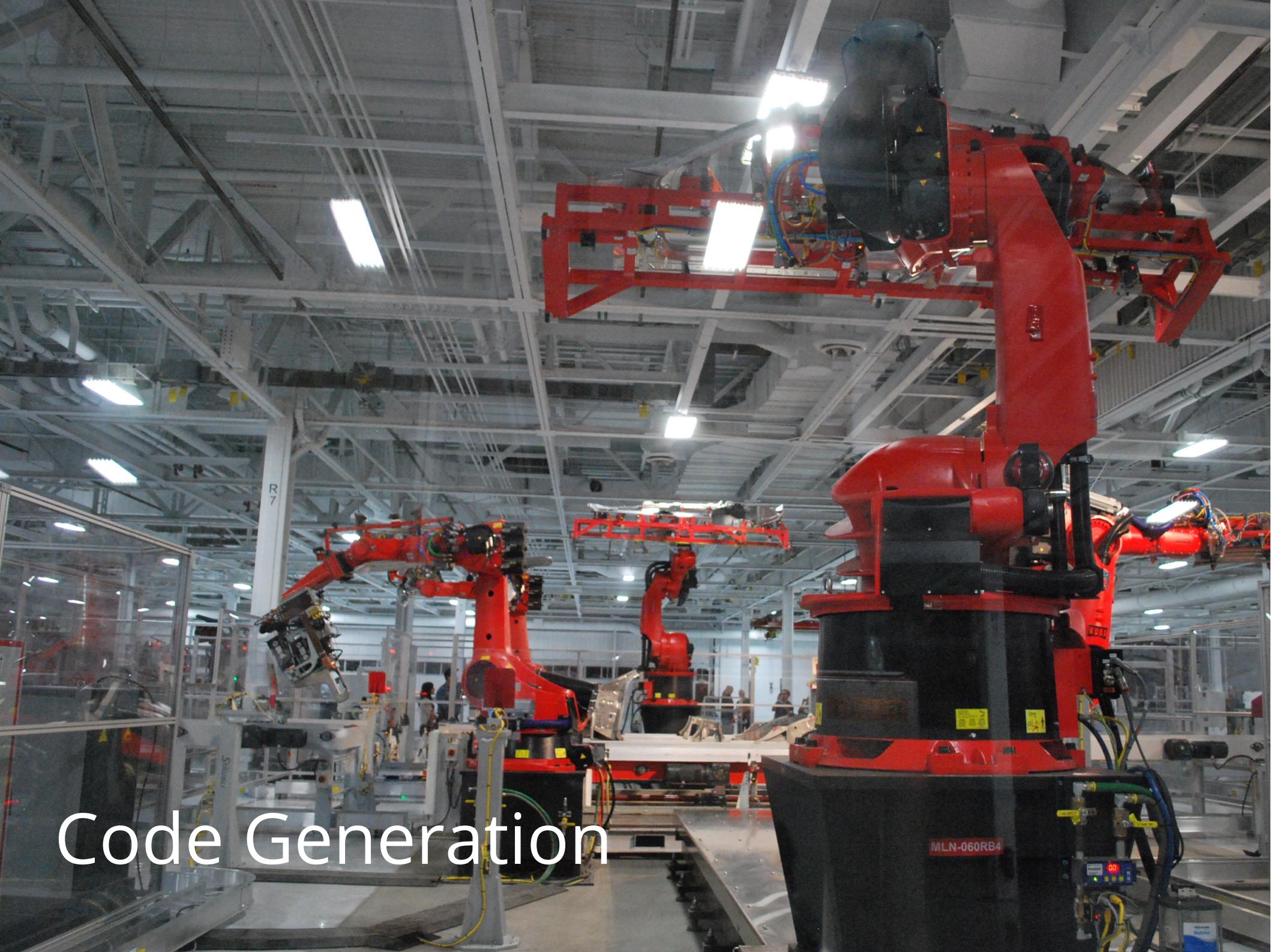
Documentation



# Analysis



# Code Generation



A close-up photograph of a traditional Korean stone wall, likely made of basalt, showing a dense, layered pattern of rounded stones. The wall is wet, suggesting it is raining. In the background, there are green trees and a misty hillside.

Scalability



Building It

EcoreTools 2.0

EcoreTools 1.0

Sirius Runtime

EEF

GMF runtime

Acceleo

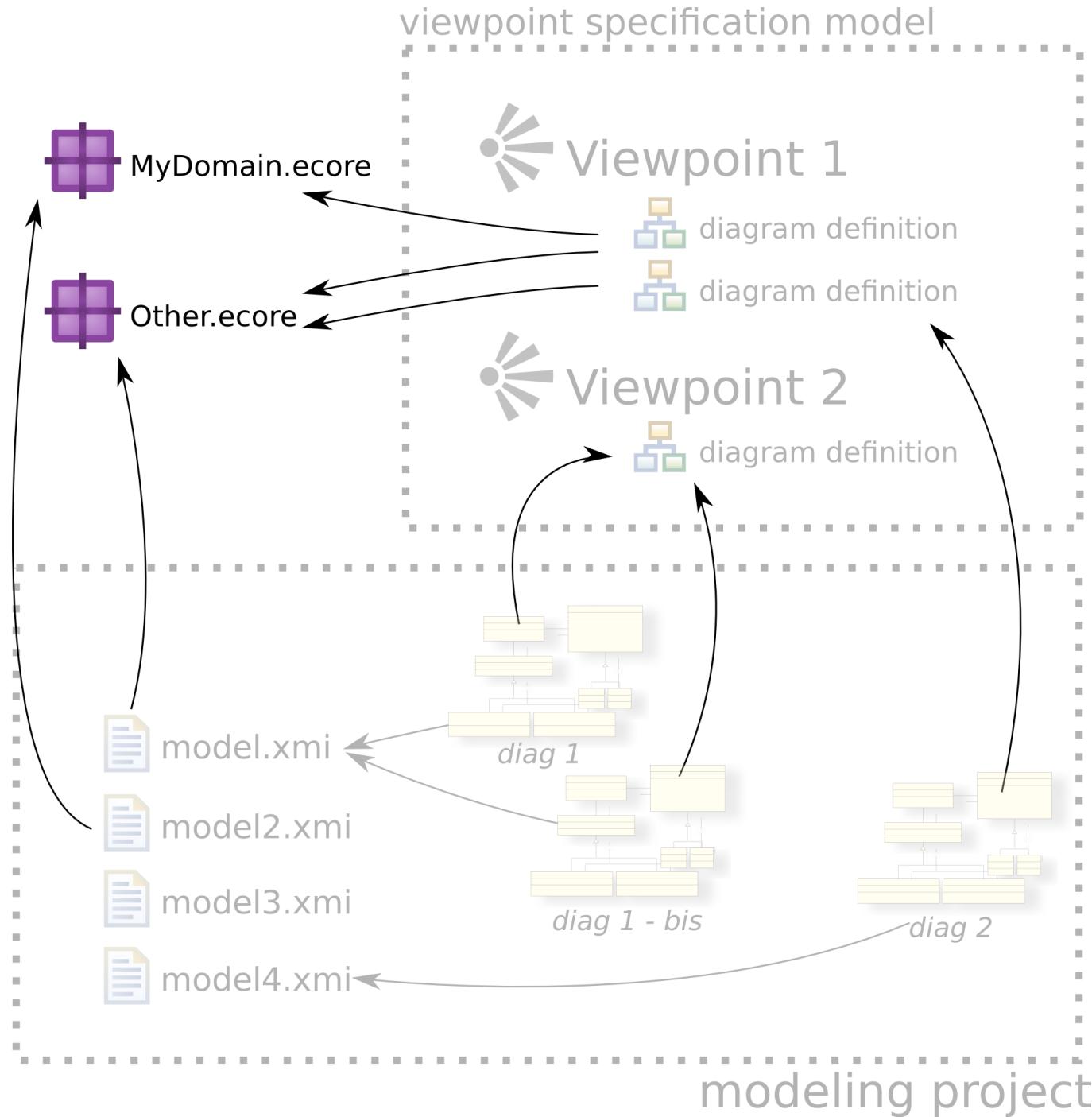
GEF

EMF

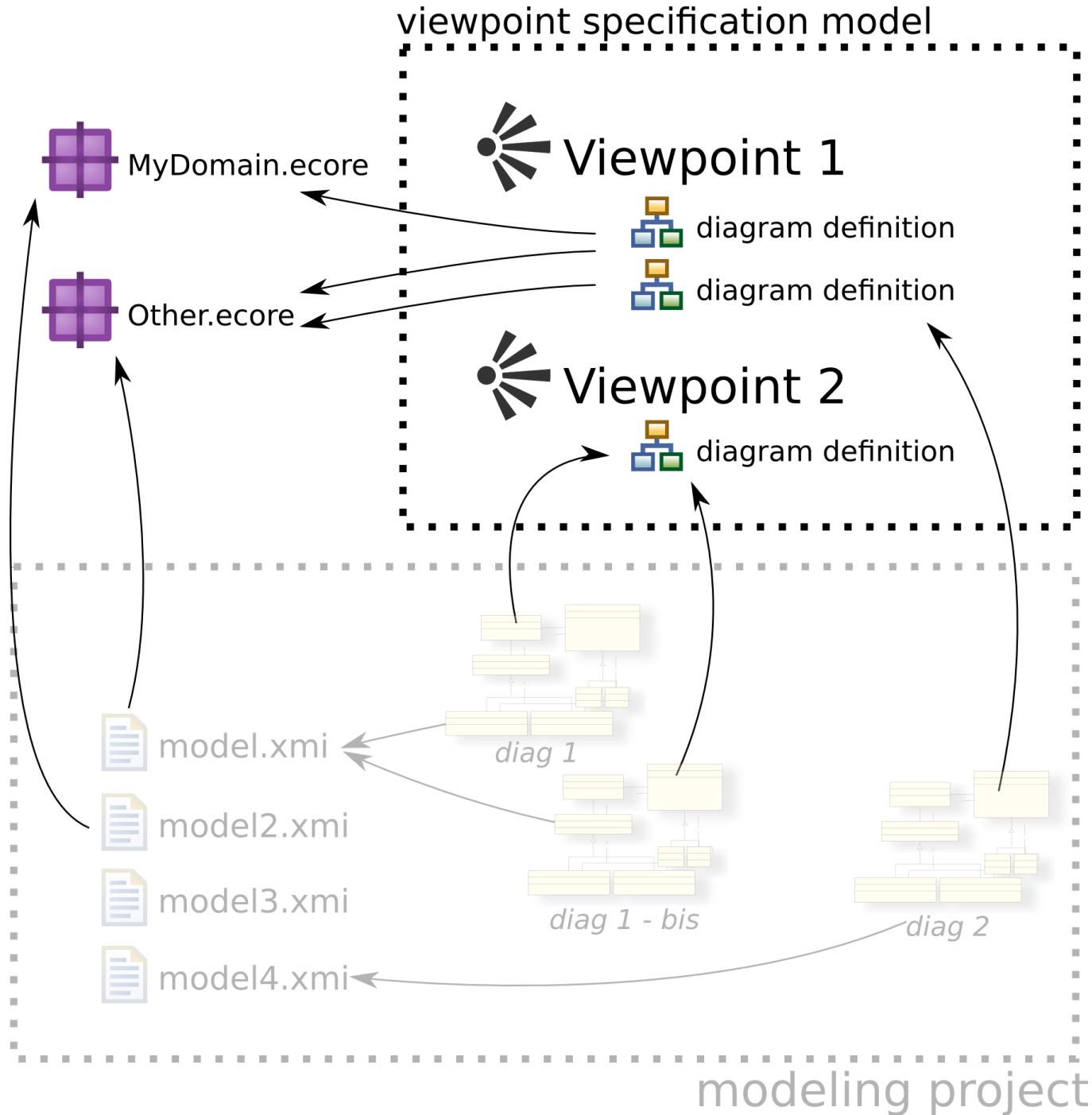
Eclipse IDE



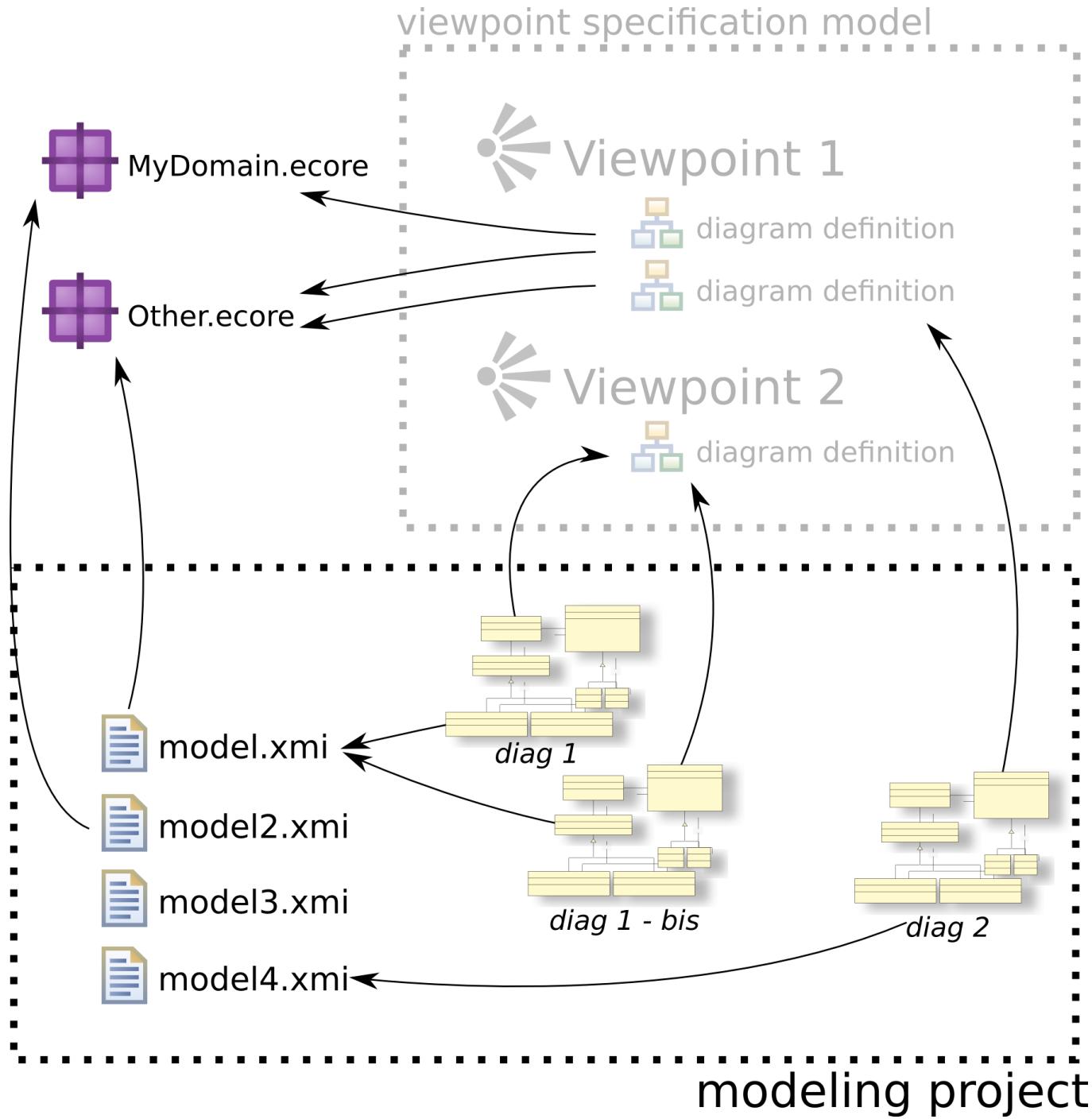
# a dedicated Tooling ?



# a dedicated Tooling ?



# a dedicated Tooling ?

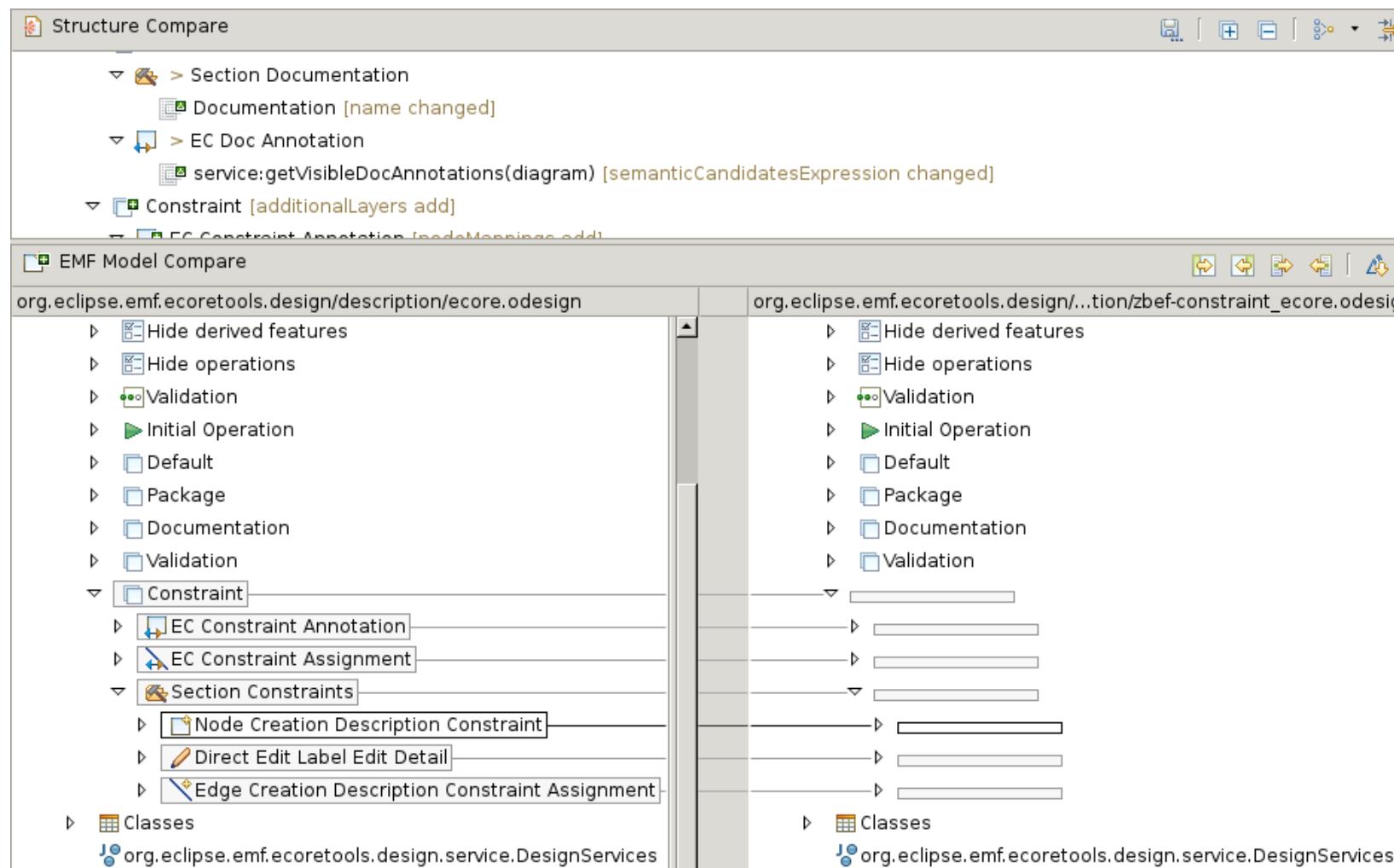


# A Typical change...

```
commit 3fb421a93f5dd86fef332d98fd80fa760d7ce8fb
Author: cbrun <cedric.brun@obeo.fr> 2014-02-12 11:38:12
Committer: cbrun <cedric.brun@obeo.fr> 2014-02-12 11:38:12
Parent: 625285eaacab02b06178c427f27ca96e09c3371c ([427966] eKeys are now displayed as reference end label)
Child: 6ec44131713eb7353c4fac743fcdbfc1319940eb (Enable direct edit for instance class name)
Branches: master, origin/HEAD, origin/master
```

[427970] - Introduce a "Constraints" layer

When this layer is enabled one can bind constraints to EClasses.



# Just an Eclipse Plugin

Language	files	blank	comment	code
Java	21	441	534	2659
XML	5	9	22	197
Maven	1	8	4	31
HTML	2	5	0	25
SUM:	29	463	560	2912

Tycho build  
JUnit and SWTBot Tests

# Roadmap

Luna M6 : Generics, Constraints, Better Packaging

Luna M7 : Help, doc, cleanup of property views

Luna : Sirius based modelers shipped with Luna

# Get Involved

Test and feedback on the Modeling Package  
Sirius BOF tonight  
Follow me on twitter : @bruncedric



# Sirius Related Content



On Wednesday :

Let's get Sirius (BOF) : 18:00, Grand Peninsula C

On Thursday :

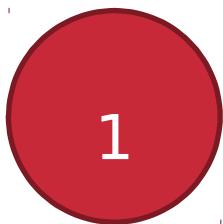
Arcadia / Melody : 11:45 , Grand Peninsula B

Use Cases of Polarsys Technologies : 11:00, Grand Peninsula B

An Arduino Programming Platform For Kids : 14:15, Grand Peninsula A

The research leading to these results has received funding from the European Union's Seventh Framework Program (FP7/2007-2013) for CRYSTAL – Critical System Engineering Acceleration Joint Undertaking under grant agreement № 332830 and from specific national programs and/or funding authorities.

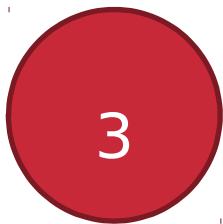
## Evaluate This Session



Sign-in: [www.eclipsecon.org](http://www.eclipsecon.org)



Select session from schedule



Evaluate:

