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## Modeling software application front-ends: introducing the open source IFML graphical editor...

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The open source **IFML** editor for Eclipse.

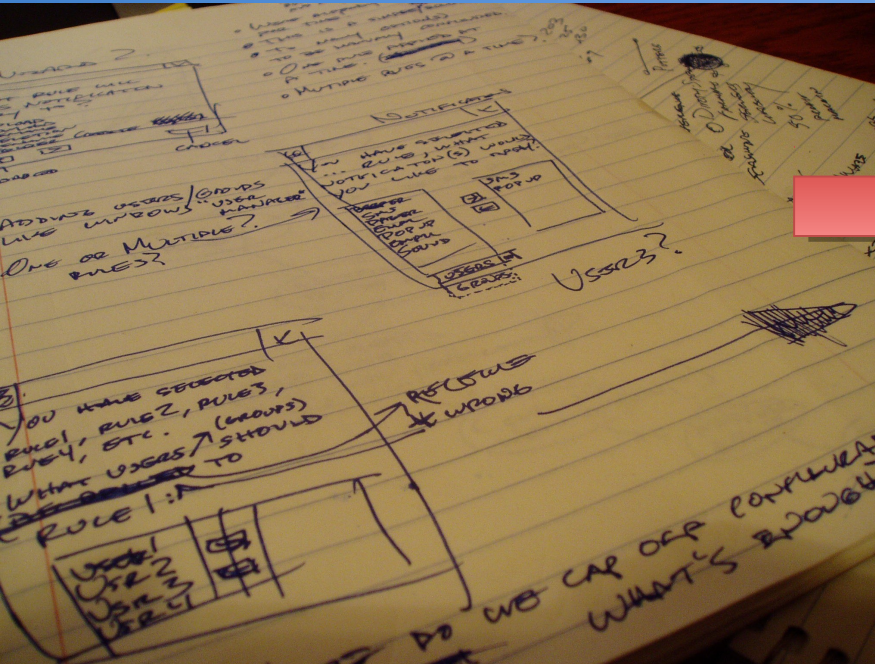
## Modeling application front-ends...

Hamza Ed-Douibi, [Hugo Bruneliere](#)

 eclipsecon 2015

Modeling Symposium  
10<sup>th</sup> of March 2015

# Modeling application front-ends...



## UI Design Problem...

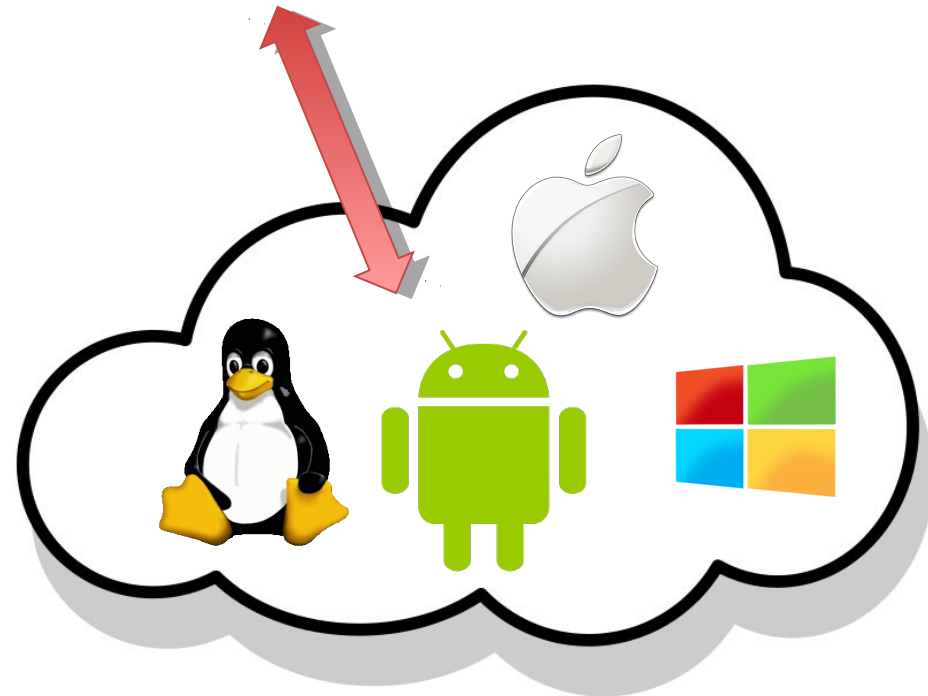
Complexity



Manual development

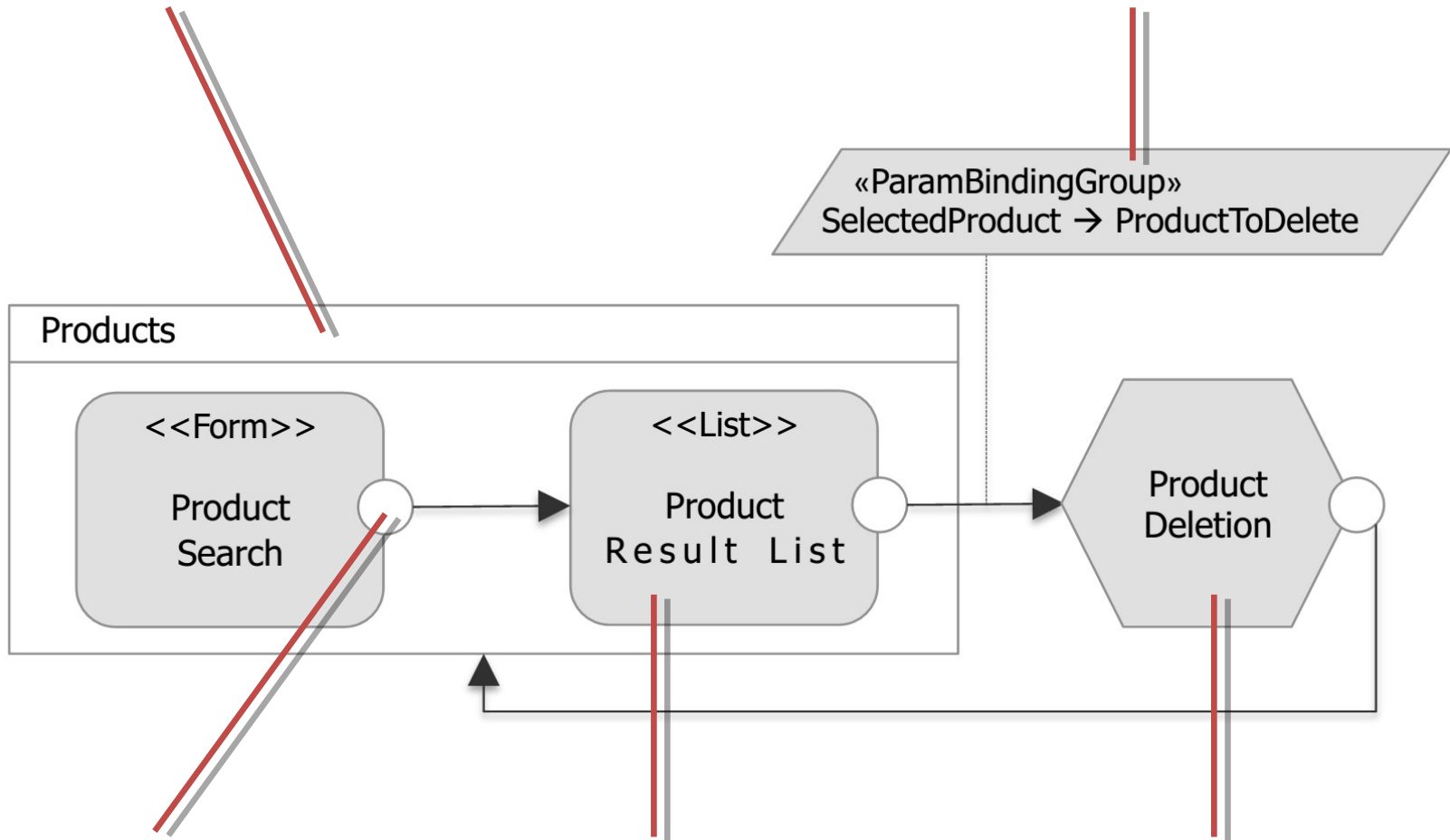


Limited reusability/portability



**Generic View Container**

**Binding/Parameter**



**Generic Event**

**View Component**

**General-purpose Action**

# Main features of IFML Editor

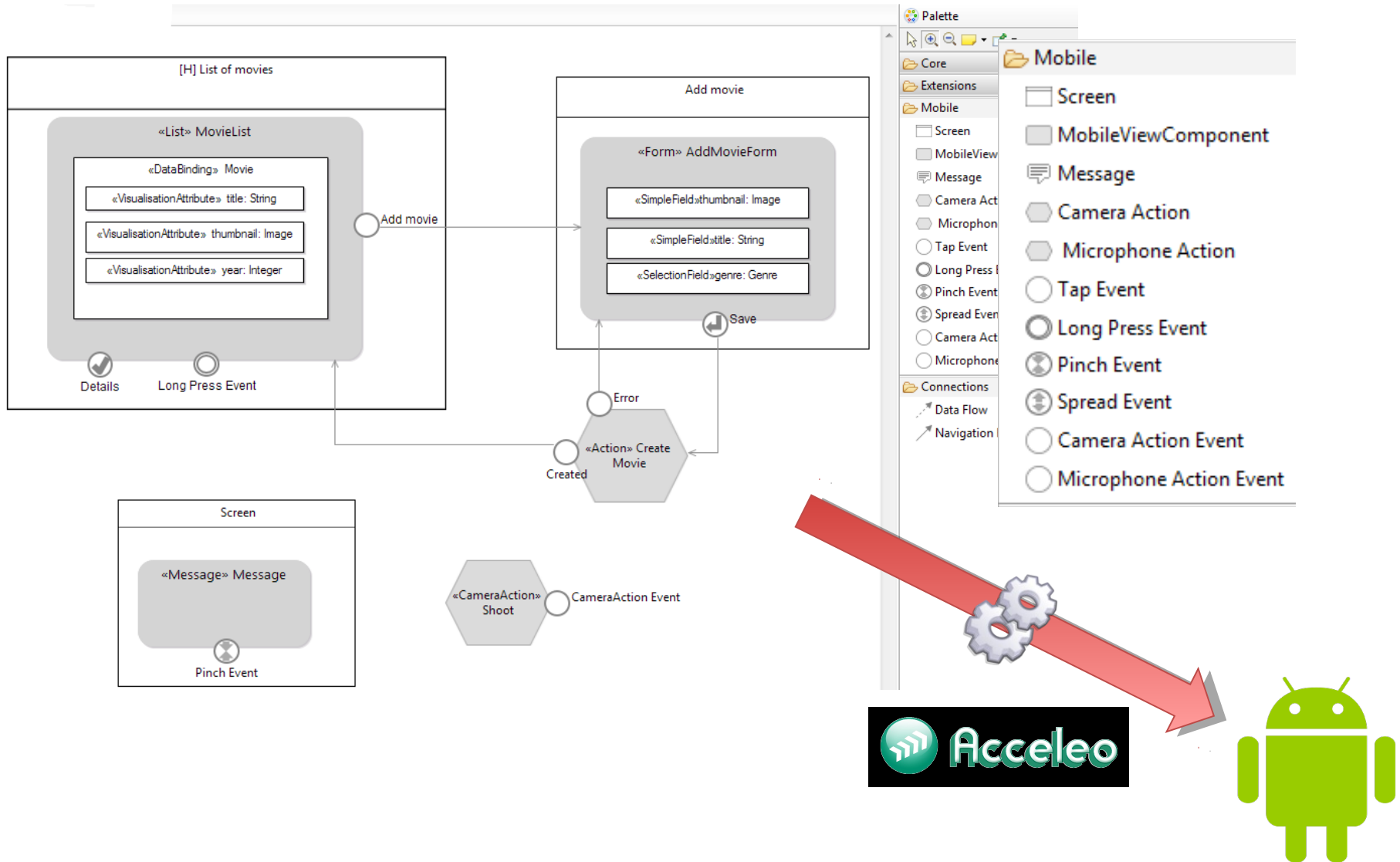
**1** Full coverage of OMG IFML standard

**2** Extensibility to different domains

**3** Code generation-friendly (e.g. Acceleo)

**4** Based on EMF and Sirius (Eclipse inside!)

# IFML Editor Demonstration...



# Thank you for your attention!

Fork me on GitHub

- Plugins, samples, documentation:

<http://ifml.github.io/>

- AtlanMod contacts
  - Hamza Ed-Douibi ([hamza.ed-doubi@inria.fr](mailto:hamza.ed-doubi@inria.fr))
  - Hugo Bruneliere ([hugo.bruneliere@inria.fr](mailto:hugo.bruneliere@inria.fr))



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