

# Lightweight Classifications

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# Development Environment

- no uniformity to *keep* things together, let alone *manipulate*:
  - Categories, protocols, namespaces, parcels, packages, bundles, applications, configuration maps, ...: grouping *static* structure
  - Grouping *objects* ? For example, keeping results of a certain expressions for reference.

# Classification Browser

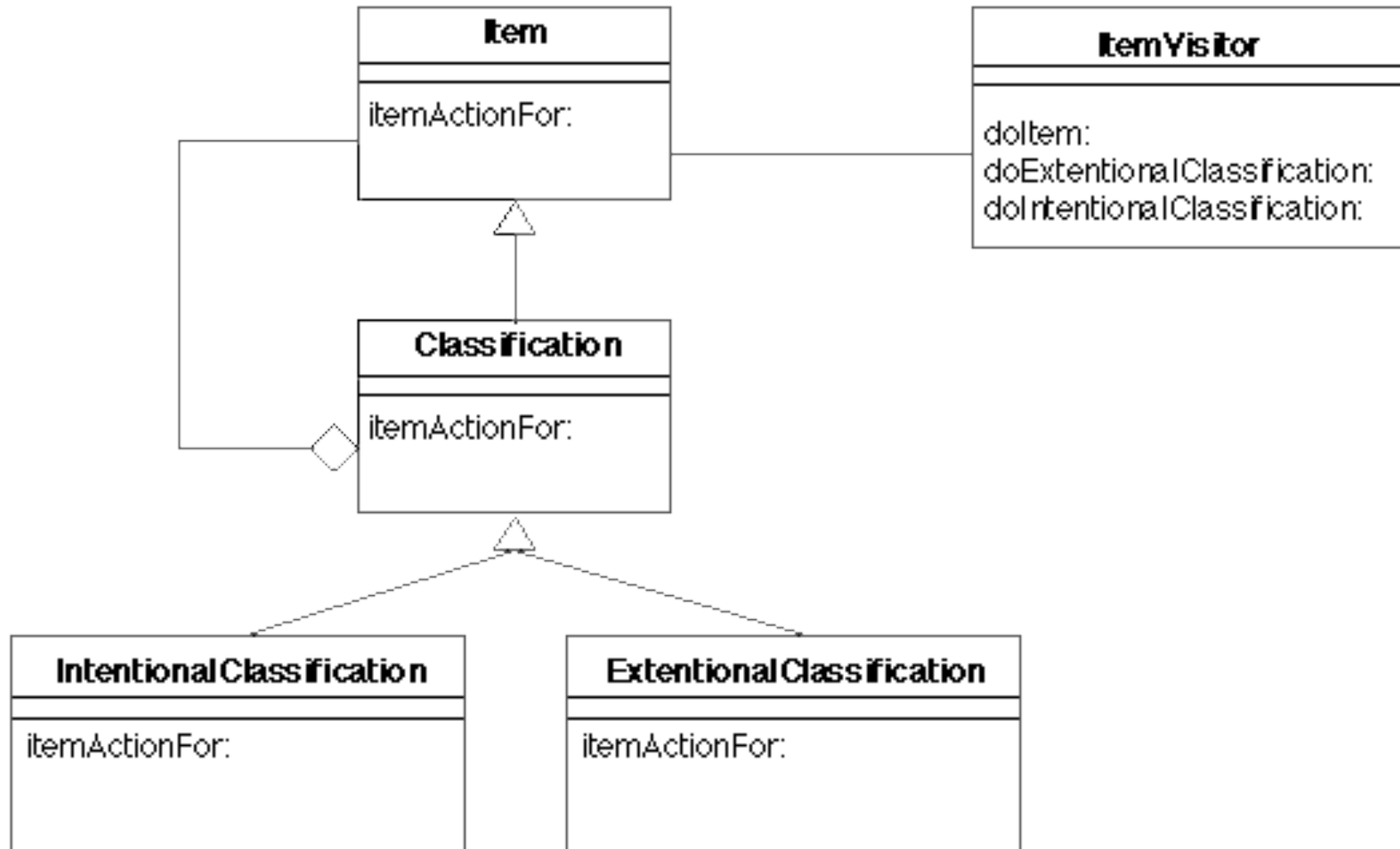
- *Classify* everything in *classifications*  
(objects, source code, documentation,  
classifications themselves, ...)
- Lightweight implementation  
(use Smalltalk reflection)
- ‘*Extreme*’ configurability

Demo

# Implementation: Basics

- Lightweight Classification User Interface
- Lightweight Classification Model

# Lightweight Classification Model



# Model Implementation Notes

- Intentional vs. extentional classifications
- Classifications use `#doesNotUnderstand:` to get Collection functionality
- Object implements one method:  
`#itemActionFor:`
- Doing something with an item:  
`(item itemActionFor: Iconizer)`

# The Browser

- Koen De Hondt's Brand-new *Red Robin Widgets* for the TreeView
- Regular tools as editors
- Drag&Drop
- Configurations
  - Visitors (item actions) have to register
  - Dynamic changing visitors in browsers



# Get it Where ?

- My web-page:

<http://www.iam.unibe.ch/~wuyts/>

- Versions for VisualWorks Envy/4
  
- Coming: VisualWorks 5i (this will also be available in Cincom's public *Store*) and/or 3