

The background features a light gray, textured surface with faint, overlapping outlines of human figures. A vibrant cluster of yellow, blue, and pink splatters is positioned in the upper center, creating a focal point of color.

Pharo in the real world

Living examples

Real life Pharo

- Powerful web applications
- We knew about web development, but a survey has told us that 50% of the Pharo apps are made for desktop
- Also, there are a bit of them on mobile.

Pharo on the web

- Seaside
- Aida
- Illiad
- Amber
- Seaside-REST

Seaside

- Stateful component development
- Pier
 - A kind of a “meta-CMS”

Example

- Association site
- iBizLog

Amber

- Smalltalk in the browser
- Interacts smoothly with Pharo using different technics

Example

- **SmalltalkHub**

Pharo on desktop

- Morphic
 - Spec
- Athens
- Glamour

Example

- Lawsuit
- AthensPlayground
- 500 balls in a cube

Mobile

- Pharo runs on out the box
 - iStack
 - CogDroid
- jQueryMobile+Seaside

Example

- DrGeo2

Meta-programming

- Mostly using the inherent capabilities of Pharo
- Magritte for meta-modeling

Test, profile and QA

- SUnit
- TimeProfiler
- #timeToRun, etc.
- And of course, Moose :)

Persistence

- Since the image is persistent by itself, many programs don't really need it (think on orthogonal persistence)
- Several other approaches more and less traditional.

Relational

- DBXTalk project
 - Includes ORM GlorpDBX
 - Set of tools
- Other drivers

NoSQL

- Voyage (ODM: Object-Document Mapper)
- Other drivers

Example

- Lawsuit uses Voyage
- New SmalltalkHub uses Voyage

If Pharo is not enough

- NativeBoost
 - FFI
 - and more :)

Example

- 500 balls in a cube uses Chipmunk through NativeBoost (well, Athens uses it too)