Pharo?

We use our language every day
We use our language every day

Research  Teaching  Business
Pharo?

Why do we not continuously improve what we use

????
Pharo?

Small simple fixes

One step at a time

Even do the imperfect next step
Compound Interest

Every improvement has an effect

Example: Refactoring Browser
Pharo!

We will use this system in 10 years

Let’s make it great!
Pharo

A *flexible* environment to support the *innovation* in/of Smalltalk.
Pharo

A **robust** environment to support doing **business** in Smalltalk.
Conflict?

Robustness vs. Innovation
Conflict?

Business vs. Research
Base Camp

Research is like an expedition

We need a stable base!
Research / Teaching

Teaching
materias.fi.uba.ar/...
scg.unibe.ch
soft.vub.ac.be/soft/
www.ensm-douai.fr
www.imus.univ-savoie.fr
www.inria.fr
materias.fi.uba.ar/7507/
www.nmu.edu
www.uca.edu.ar
www.uchile.cl
www.upc.edu

Research
- SCG, University of Bern
- SLL, Vrije Universiteit Brussel
- RMOD, INRIA
- Ecole d'Ing. d. Mines de Douai
- REVEAL, University of Lugano
- PLEIAD/DCC, Univ. of Chile
- University Louvain la Neuve
- Universidad de Buenos Aires
- LISyC
- UMMISCO
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<th>Company Name</th>
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Create an ecosystem where business can bloom
Showcase
Pier is a content management system that is light, flexible and free. It is light as in double click and go (download it). It is flexible as in make it be what you want (learn more). It is free as in freedom (MIT license).
Smalltalk with OO-Database

Pharo is the IDE
Moose is a platform for software and data analysis. It is an open source project since 1996. It is supported by several research groups around the world, and it is increasingly adopted in industrial projects.

Download 4.0

New tutorials for Orion and Torch
23 August 2010
Orion is a reengineering tool which can simulate changes and compare their impact on multiple versions...

Moose nominated for the CH Open Source Awards
9 August 2010
Moose was nominated for the CH Open Source Awards.

TextLint
29 July 2010
TextLint is a tool to define rules and to check for common style errors in natural language.

The Moose Book
Pinesoft MBagger
iPhone

Mars + Deimos

Esteban Lorenzana
The Past
1.0

Started with Squeak 3.9 (2008)

**Major** Cleanups (MVC, eToys)
+ New UI Look / TrueType
+ Tools
+ **Block Closures (thanks Eliot)**
+ **Lots** of bugfixes and small improvements
+ Preferences clean up
+ **MIT license clean**
Update ~1200 Bug-reports closed

470 Updates

Release Candidate: October 2009
Release: April 2010
- Performance
- More cleanups and Simplifications
- Small deployment image (6.2 MB)
- Settings framework
- New world menu
- Native host menu support for Mac
Update 883 Bug-reports closed

410 Updates

Released: July, 26, 2010
The Present
Update ~300 Bug-reports closed

141 Updates

Release Candidate: October 2010
Future
The Future is what we do
Project OpalCompiler

The Opal Compiler

Last Successful Artifacts
- opal_changes
- opal.image
- opal-tests_changes
- opal-tests.image

Recent Changes

Latest Test Result (57 failures / ±0)

Upstream Projects

Development

Permalinks
- Last build (#77), 18 hr ago
- Last successful build (#77), 18 hr ago
- Last unstable build (#77), 18 hr ago
- Last unsuccessful build (#77), 18 hr ago
Opal

Based on “new compiler”
Uses RB AST
Intermediate Representation of Byte-code
Bytecode Transformations
Plugin Architecture
Everybody can help

Reporting bugs
Confirming bugs
Writing tests
Writing examples
Writing comments
Simple contributing fixes
Deep discussion...
Open Pharo Sprints

May 2008 Bern
July 2009 Bern
October 2009 Lille
November 2009 Buenos Ares
March 2010 Bern
May 2010 Buenos Ares
June 2010 Bern
June 2010 Bruxelles
July 2010 London
September 2010 Barcelona
September 2010 Lille
Books

Pharo by example vol. 1 is out

Pharo by example vol. 2 is on preparation
Thanks
Chis Vasile Andrei
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Boris Popov
Mariano Abel Coca
Jean-Baptiste Arnaud
Gabriela Arevalo
German Arduino
Hans Beck
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Cedric Beler
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Adrian Barreau
Torsten Bergmann
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Carla Griggio
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Dale Henrichs
George Herolyants
Reinout Heeck
Eric Hochmeister
Peter Hugosson-Miller
Henrik Sperre Johansen
Stefan Kapsunik
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Juan Vuletich
Steven Wirts
Hernan Wilkinson
Join us!

Creating good energy, software quality, learning and having fun

http://pharo-project.org