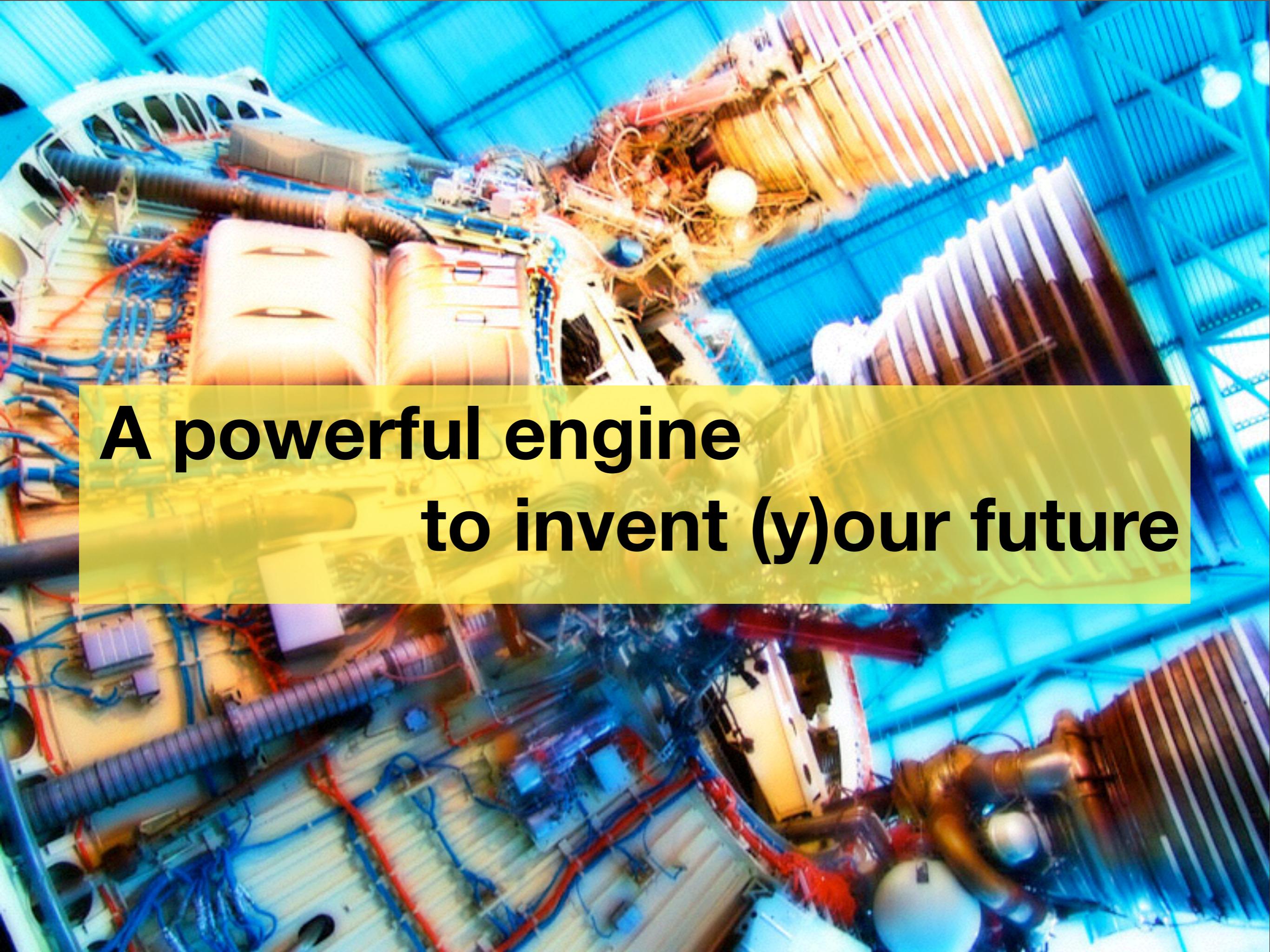


# Pharo's vision

<http://www.pharo.org>

D.Cassou - S. Ducasse - L. Fabresse  
Univ. Lille / Inria / Mines-Telecom





A powerful engine  
to invent (y)our future



An ecosystem where  
innovation/business bloom

# Pharo's Teachers

- Uni. of Buenos Aires • Uni. of Bern • Uni. of Maroua • Uni. of Brussels • Ecole des Mines de Douai • Uni. de Savoie • Ivan Franko Nat. Uni. of Lviv • Czech Technical Uni. • CULS Prague
- Uni. of Quilmes • Uni. of La Plata • Northern Michigan Uni. • Uni. Technologica Nacional (UTN)
- Uni. Catholic of Argentina • Uni. of Santiago • Uni. Policnica de Catalunya • Uni. de Bretagne Occidentale • Uni. of Tomsk • Uni. of Fernhagen • IT University of Copenhagen • Uni. Cat del Sacro Cuore of Brescia • Uni. Lyon • Uni. Yaounde

# Research Groups

Lafhis (AR)  
Software  
Composition Group  
(CH)  
CAR (FR)  
RMOD (FR)  
Ummisco (IRD)  
Reveal (CH)  
Lysic (FR)  
CEA-List (FR)

Uqbar (AR)  
OC (FR)  
CCMI-FIT (CZ)  
ASERG (BR)  
Pleiad (CL)

# Some Companies

[www.2denker.de](http://www.2denker.de)  
[www.airflowing.com](http://www.airflowing.com)  
[www.beta9.be](http://www.beta9.be)  
[www.bombardier.com](http://www.bombardier.com)  
[www.cmsbox.com](http://www.cmsbox.com)  
[www.finworks.biz](http://www.finworks.biz)  
[seaside.gemstone.com](http://seaside.gemstone.com)  
[www.inceptive.be](http://www.inceptive.be)  
[www.majcon.de](http://www.majcon.de)  
[www.mindclue.ch](http://www.mindclue.ch)  
[www.miriamtech.com](http://www.miriamtech.com)  
[www.netstyle.ch](http://www.netstyle.ch)  
[www.panasoft.com](http://www.panasoft.com)  
[www.pinesoft.co.uk](http://www.pinesoft.co.uk)  
[www.promedmedical.net](http://www.promedmedical.net)

[www.sharedlogic.ca](http://www.sharedlogic.ca)  
[www.smallworks.com.ar](http://www.smallworks.com.ar)  
[www.trantaria.com](http://www.trantaria.com)  
[www.yesplan.be](http://www.yesplan.be)  
[www.synectique.eu](http://www.synectique.eu)  
[www.sorabito.com](http://www.sorabito.com)  
[www.objectprofile.com](http://www.objectprofile.com)  
[www.pharocloud.com](http://www.pharocloud.com)  
[debrispublishing.com](http://debrispublishing.com)  
[spesenfuchs.de](http://spesenfuchs.de)  
[norizzk.com](http://norizzk.com)

# Pharo Web Stack is Gorgeous

- Seaside (component, Javascript, REST)
- Zinc (HTTP, HTTPS, REST)
- Magritte Metamodelling (no form)
- Protocols/Encoding: Oauth, JSON, STON,...
- Database: noSql, mongoDB, riak, relational databases

seaside 



**PharoCloud**

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Pharo platform as a Service: put your Smalltalk web-application online at Pharocloud in just 3 clicks

Try it for FREE Watch how it works

Romax

Wind Energy

Pioneering new ways of maximizing sustainable wind energy yields. Our products and services optimize asset availability, wind turbine performance and drivetrain reliability. We work with owners, operators, manufacturers, insurers and service providers worldwide.

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Wind Energy

Pioneering new ways of maximizing sustainable wind energy yields.

- Design and create individual printed matter
- eShop with credit card payment
- High quality PDF output with Printing Process integration
- Thousands of orders for seven Swiss printing companies



iBizLog - <http://www.ibizlog.com>

A product by Smallworks

SpesenFuchs

Pinesoft MBagger

Dedicated and cost-effective tools for software evolution



Dedicated tools

Decision making

Dedicated analysis

Dedicated tools

Decision making

Dedicated

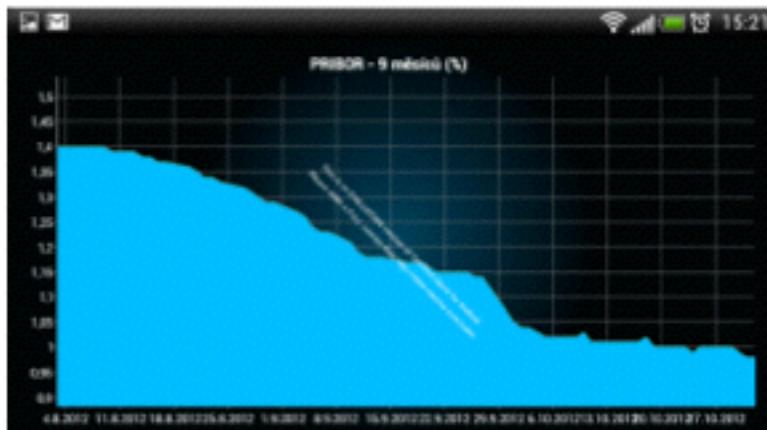
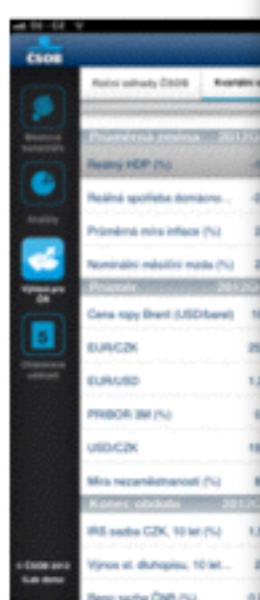
# iBizLog - <http://www.ibizlog.com>

# Full meta shop developed in 5 months one person

The screenshot shows the iBizLog website homepage. At the top left is the iBizLog logo with a green icon of a person writing. The word "BETA" is visible above the logo. Navigation links include "Home", "Sign Up", "How It Works", "Features", "Support", and "Control Panel". A "Share" button is also present. The main heading "What is iBizLog ?" is followed by a four-step process diagram: 1. Hand writing on paper, 2. A stack of websites, 3. A hand typing on a keyboard, 4. A person cheering at a computer. Below this, a text block states: "It is a simple and easy online system you can use to create your own website online in order to promote and sell your products or services. Create your website now!" with a "START NOW !" button. To the right is a large green box titled "Have your WebSite" featuring a screenshot of a website with a "FREE" badge and a "Create WebSite" button. At the bottom, there are three sections: "Personal Identity and URL" (with a globe icon), "Communication Tools" (with a globe and envelope icon), and "Multilingual Menu" (with flags of France, Spain, Italy, and Germany). The footer contains links to "Blog | Facebook | Twitter", "About Us | News | Partners | Contact Us | Terms of Service", and the copyright notice "www.IBizLog.com - All rights reserved - Copyright ©".

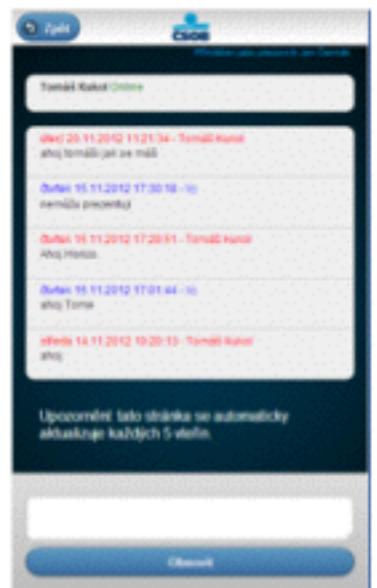
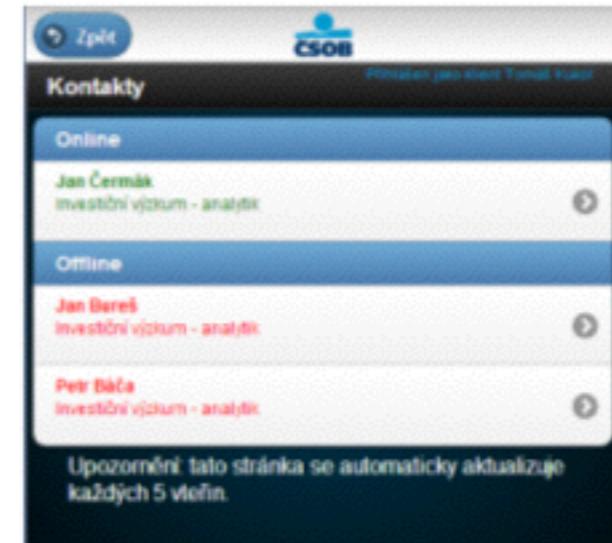
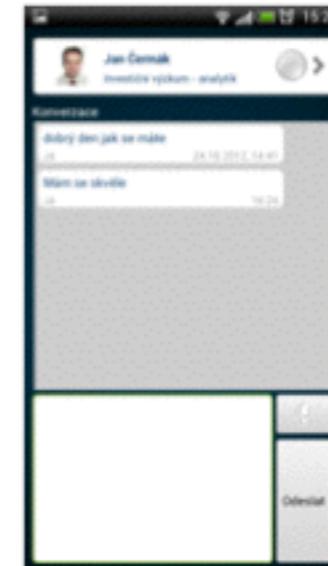
## A product by Smallworks



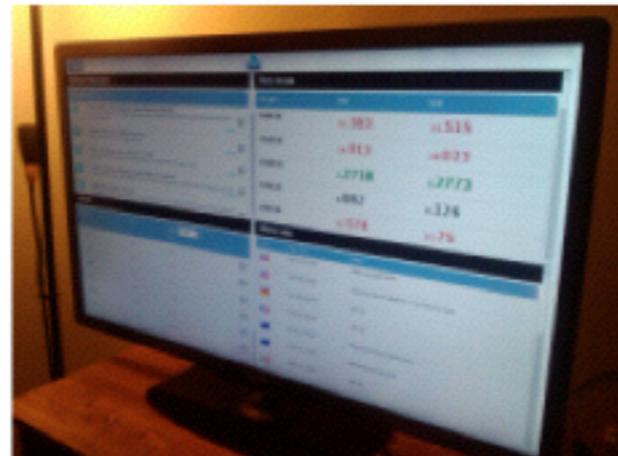
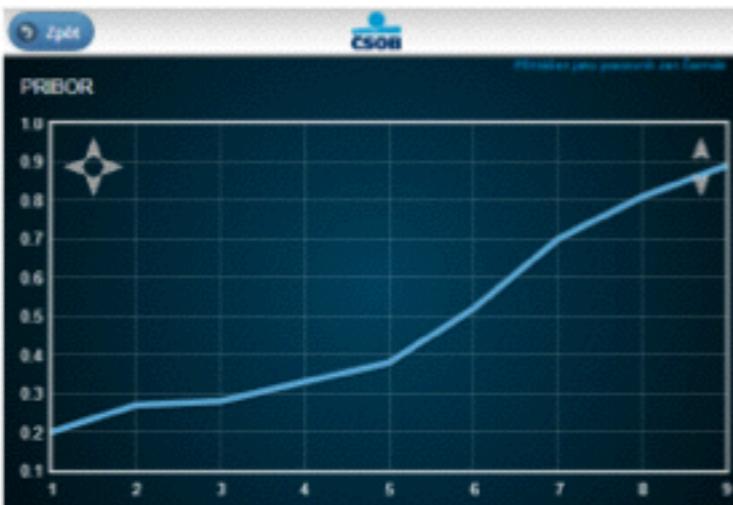


Měnový pář	Nákup	Prodej	Denní změna
EURCZK	26.407	25.539	
USDCZK	19.746	19.856	
EURUSD	1.2836	1.2893	
PLNCZK	6.168	6.212	
GBPCZK	31.494	31.67	
HUF CZK	0.09075	0.09141	
CHFCZK	21.082	21.206	
AUDCZK	20.471	20.593	
AUDUSD	1.0323	1.0415	
CADCZK	19.816	19.926	
DKKCZK	3.407	3.424	
EURAUD	1.2325	1.249	

FX páry proti EUR			
Měnový pář	Nákup	Prodej	Denní změna
EURAUD	0.7600	0.7610	-0.0001
EURCAD	1.3800	1.3810	-0.0001
EURCHF	1.2699	1.2707	-0.0008
EURCZK	20.1400	20.1700	-0.0300
EUREUR	7.4495	7.4510	-0.0015
EURGBP	0.8814	0.8816	-0.0002
EURHUF	30.7000	30.7200	-0.0200
EURJPY	105.7000	104.2000	-1.5000
EURNOK	1.3481	1.3486	-0.0005
EURPLN	4.6300	4.6305	-0.0005
EURRON	4.3371	4.3387	-0.0016
EURRUB	6.5400	6.5405	-0.0005
EURSEK	8.8271	8.8287	-0.0016



	Bid	Ack
EURCZK	26.407	25.539
USDCZK	19.746	19.856
EURUSD	1.2836	1.2893
PLNCZK	6.168	6.212
GBPCZK	31.494	31.67
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Apps

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My wishlist

Redeem

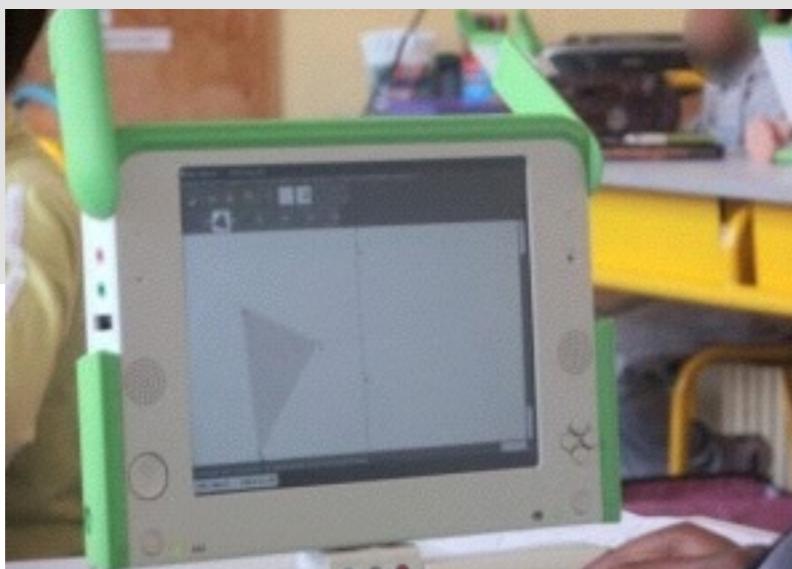
Search

Apps



Dr. Geo free  
Hilaire Fernandes & Dimi

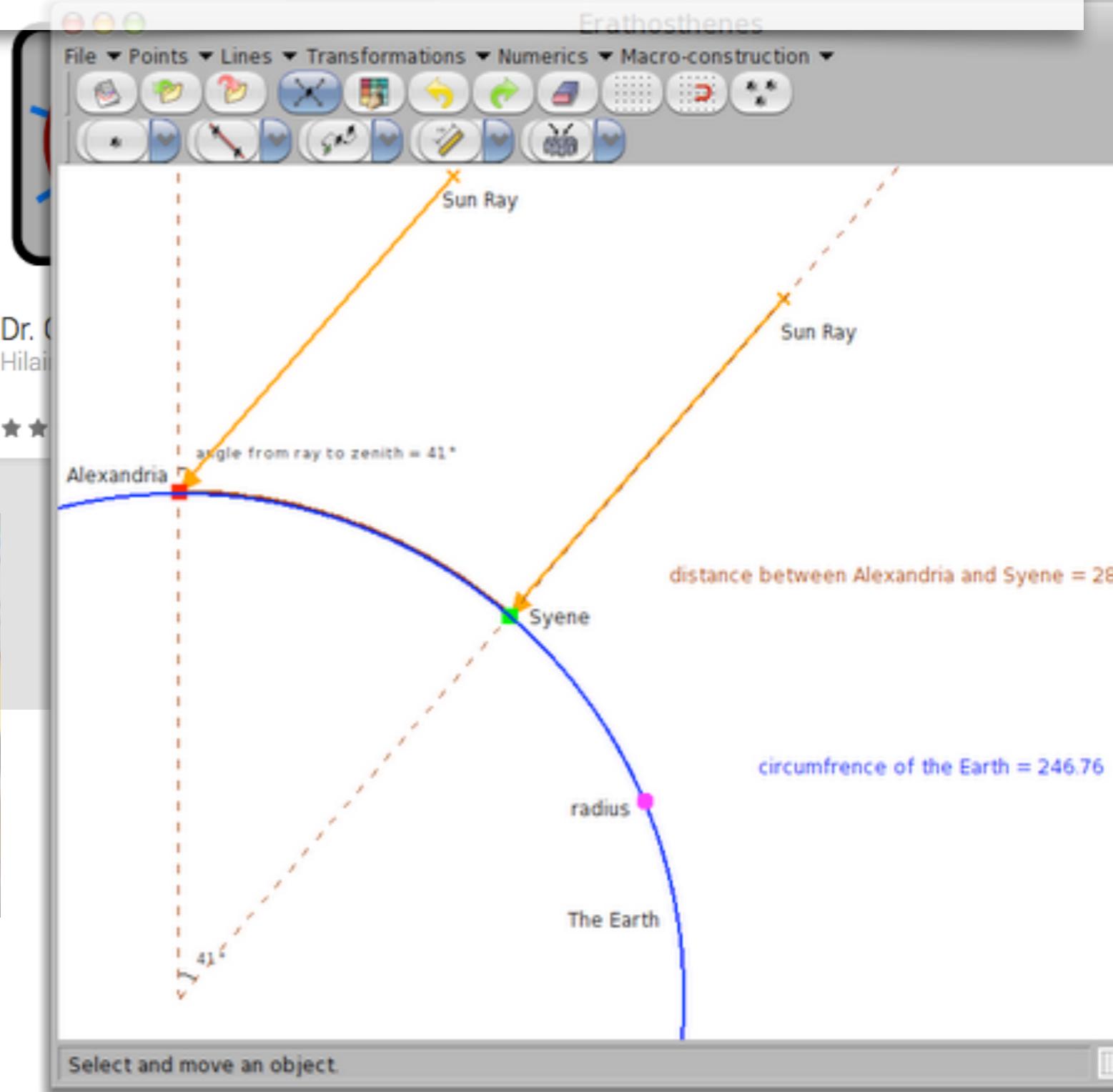
★★★★★ FREE



Android Apps

All prices

# Works on linux, mac, windows, android, OLPC





Pharo is our  
vehicle

Pharo is just starting,  
**\*\*every\*\*** single day  
we improve it

Pharo is open  
you can learn  
and help

# Pharo is an Enabler

“One of the things that drew me to do the Delay refactoring, is simply that I could. That is, I was amazed that I could dig so deep so easily, see a path to improvement and effect change at a fundamental level. Excepting complexities with the Continuous Integration due to “changing the wheels on the car at 100km/h” (and one slip), it seems to have gone reasonably smoothly. That sense of mastery is seductive.”

# Enabler: Turtles all the way

A. Bryant developed Seaside in Pharo's ancestor  
(he knew ruby, python, scheme, C, objective-C,  
...).

Because he could manipulate the stack behind  
the back of developers. Seaside ([http://  
www.seaside.st](http://www.seaside.st)) is based on on-demand stack  
reification.

[home](#)[about](#)

# Industrial Consortium



<http://consortium.pharo.org>

## The Pharo Consortium

- **Promote Pharo**

The goal of the consortium is to structure and build an umbrella to foster business around Pharo and to promote Pharo. There are several goals for the consortium.

- **Sustain Pharo development**
- Give the direction of Pharo. The role of the consortium is also to help deciding the future development of Pharo. The consortium will gather input from its members from a business perspective.
- Support the day to day development of Pharo. The consortium will collect funds. The consortium will structure the development of Pharo by performing tasks such as improving the virtual machine, network libraries, better JIT support or any other tasks decided by the Pharo Steering Committee.
- **Provide trustable visibility**
- Provide a solid, trustable visibility. The consortium should show that Pharo is a mature and relevant technology. It will create showrooms for Pharo success stories.
- **Provide support**
- Provide support. The consortium will support a business eco-system around Pharo. The consortium will offer some support to help its members and their developments in Pharo.

The consortium is for legal entities, if you are an individual that wants to support Pharo participate to the [Pharo association](#).

[Contact](#)

## Pharo consortium portal

A clean, innovative, open-source, Smalltalk-inspired environment.



THALES



projector  
software



netstyle.ch



Yesplan  
Let's make it happen

inspired!

BetaNine  
software engineering



Sensus  
Systems that make sense

CæsarSystems

Accelerate Confidently



TA MÈRE SCRL  
BADASS MOBILE DEVELOPMENT



FAST  
Fundación Argentina de Smalltalk



Laboratoire  
d'Informatique  
Fondamentale  
de Lille

project  
Pleiad: uqbar



<http://pharo.org>

Fun, simple  
Excellent for teaching  
Pure & elegant  
Highly productive  
Empowering Tools  
Full access

