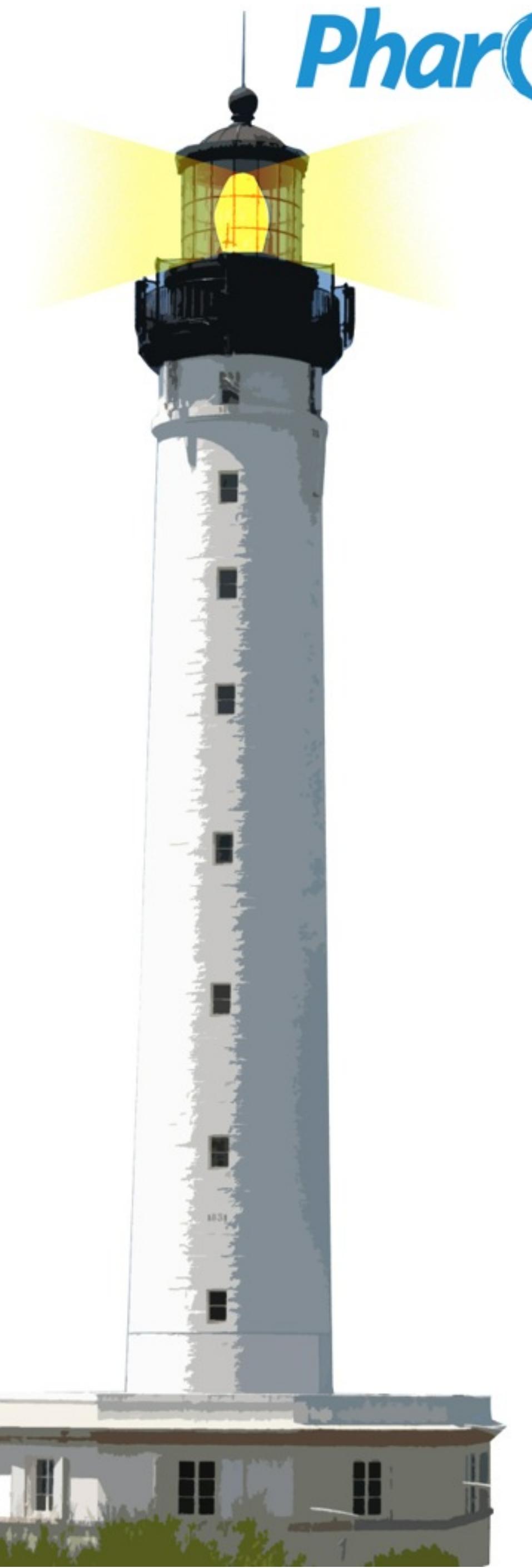


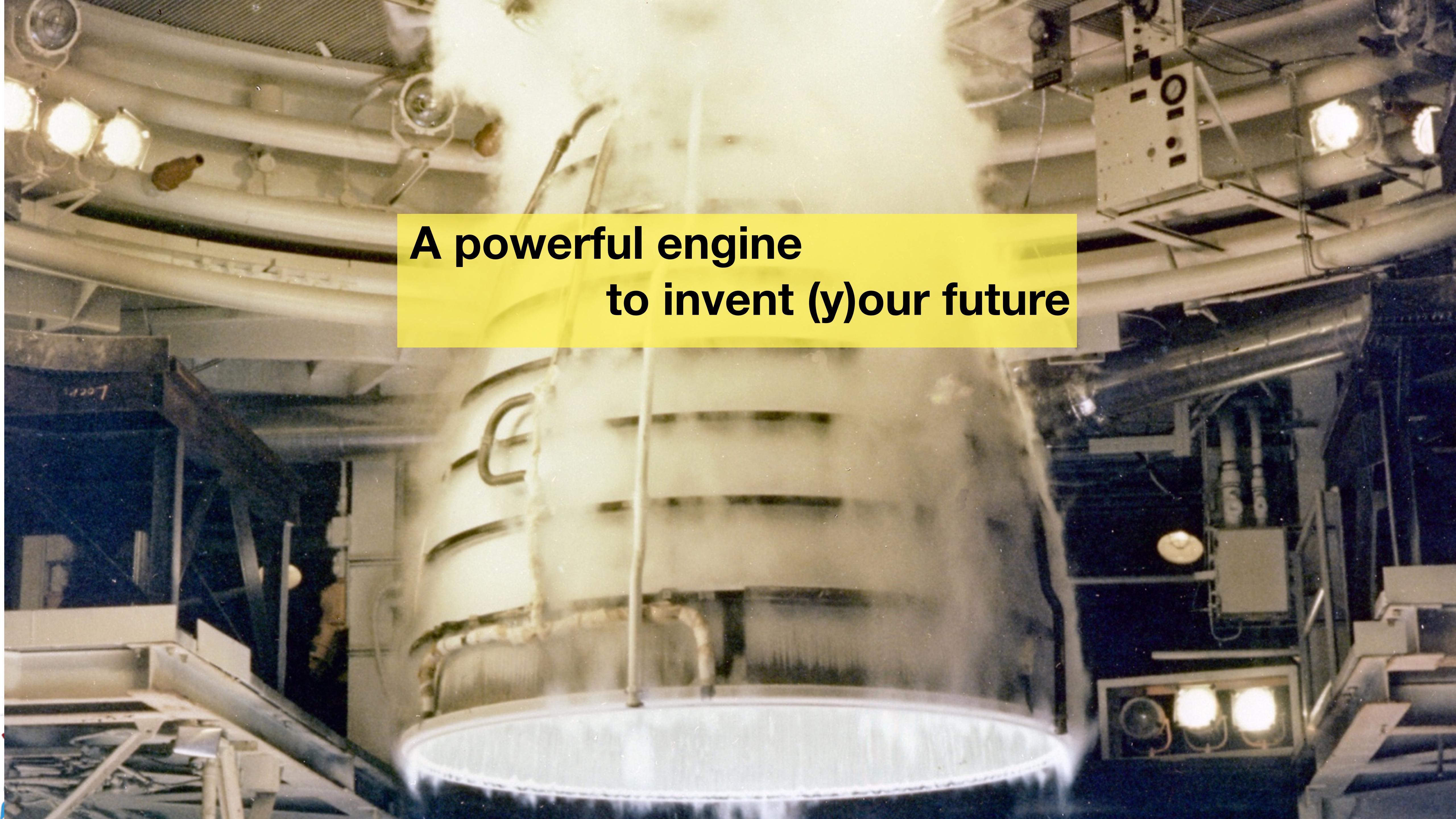
Pharo Vision

Damien CASSOU, Stéphane DUCASSE and Luc FABRESSE

www.pharo.org

W1S03





A powerful engine
to invent (y)our future



An ecosystem where
innovation/business bloom

Some Pharo's Teachers

- Uni. of Buenos Aires • Uni. of Bern • Uni. of Maroua •
- Uni. of Brussels • Ecole des Mines de Douai • Uni. of 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 • INFTI • Uni. of Fernhagen • IT Un. of Copenhagen • Uni. Cat del Sacro Cuore of Brescia • Uni. Yaounde • Uni. Lomé • Uni. Lille • Uni. San Martin

Research Groups

Lafhis (AR)

Software Composition
Group (CH)

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

www.airflowing.com

www.beta9.be

www.bombardier.com

www.cmsbox.com

www.finworks.biz

seaside.gemstone.com

www.inceptive.be

www.majcon.de

www.mindclue.ch

www.miriamtech.com

www.netstyle.ch

www.panasoft.com

www.pinesoft.co.uk

www.sharedlogic.ca

www.smallworks.com.ar

www.trantaria.com

www.yesplan.be

www.synectique.eu

www.sorabito.com

www.objectprofile.com

www.pharocloud.com

debrispublishing.com

spesenfuchs.de

www.promedmedical.net

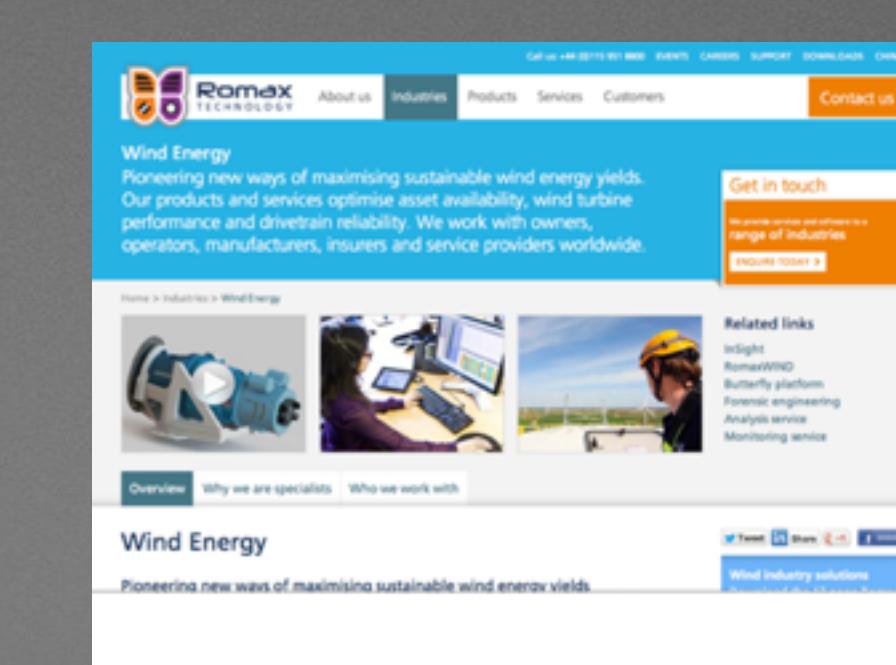
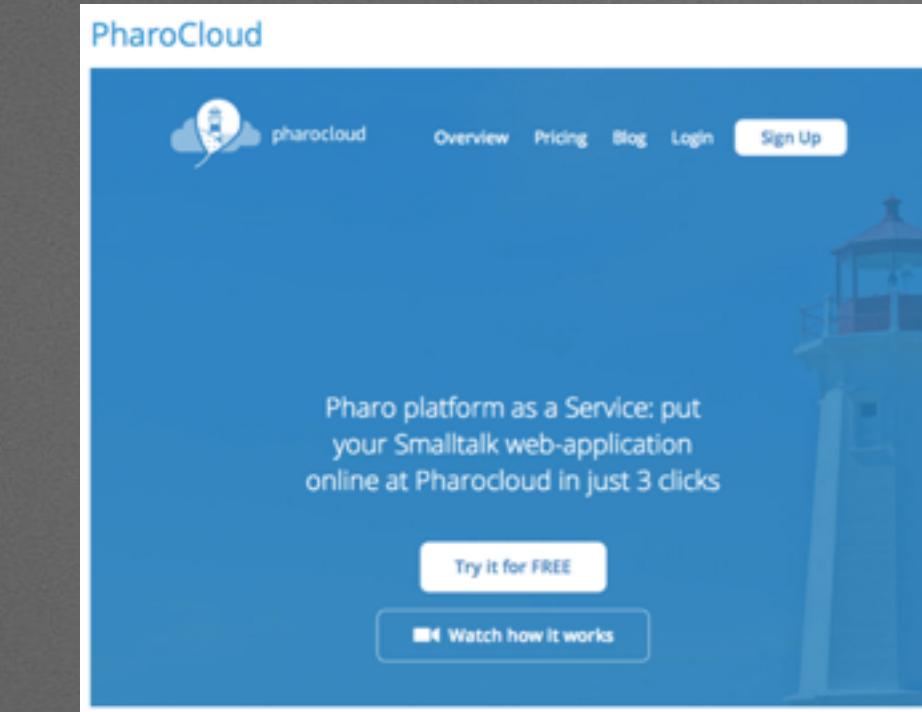
norizzk.com

Pharo Web Stack is Gorgeous

- * Seaside components/REST
- * Zinc HTTP/HTTPS, Teapot Micro server 
- * WebSockets, Oauth....
- * Magritte MetaData (no form)
- * Database: NoSQL (mongoDB, CouchDB, Riak), MySql, Postgres, sqlite, openDBX
- * Protocols: Encodings, messaging...

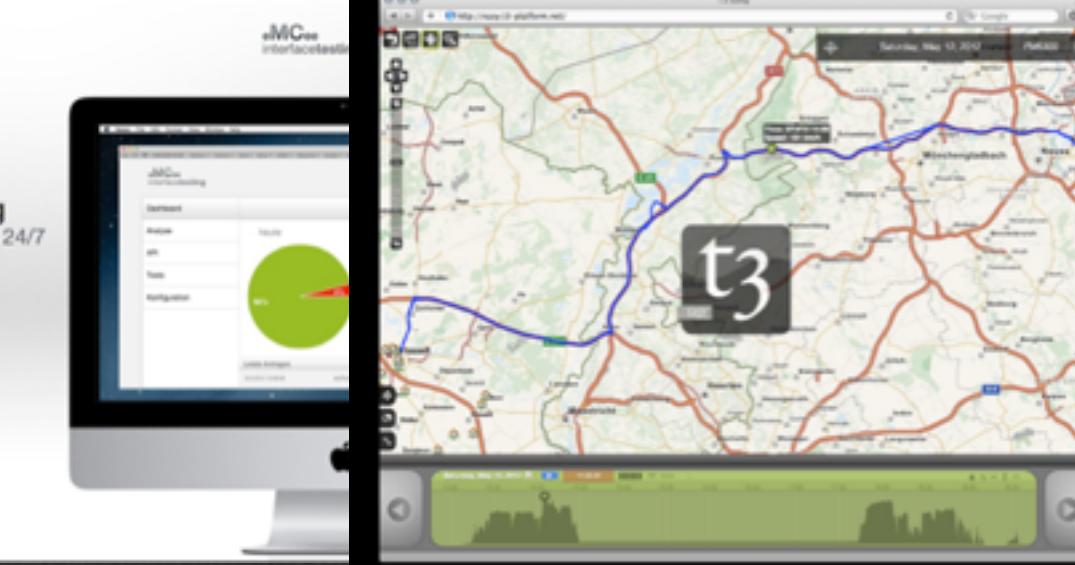
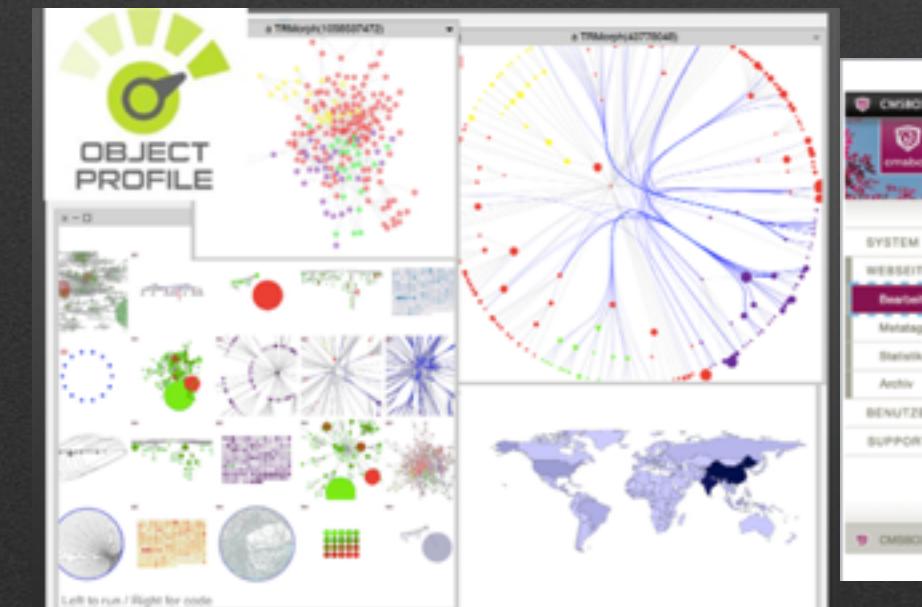
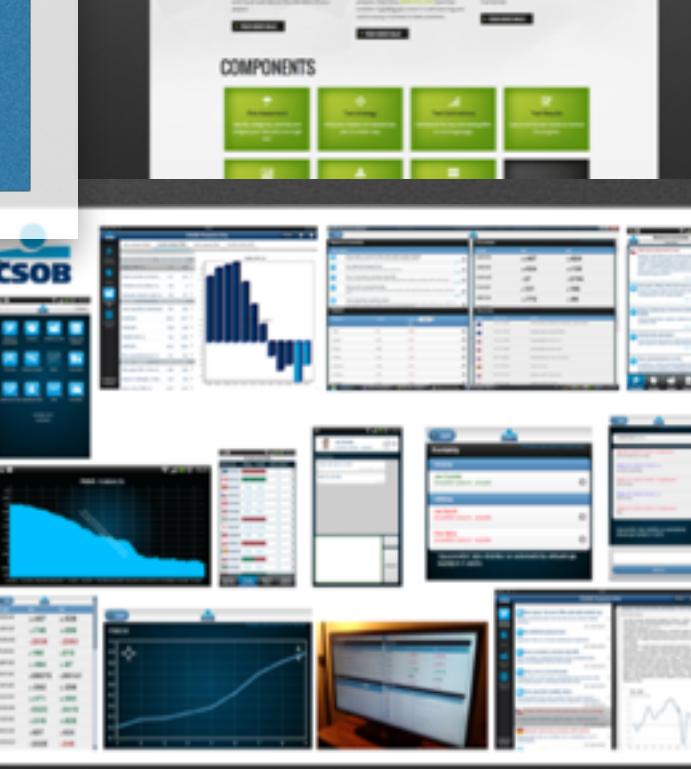
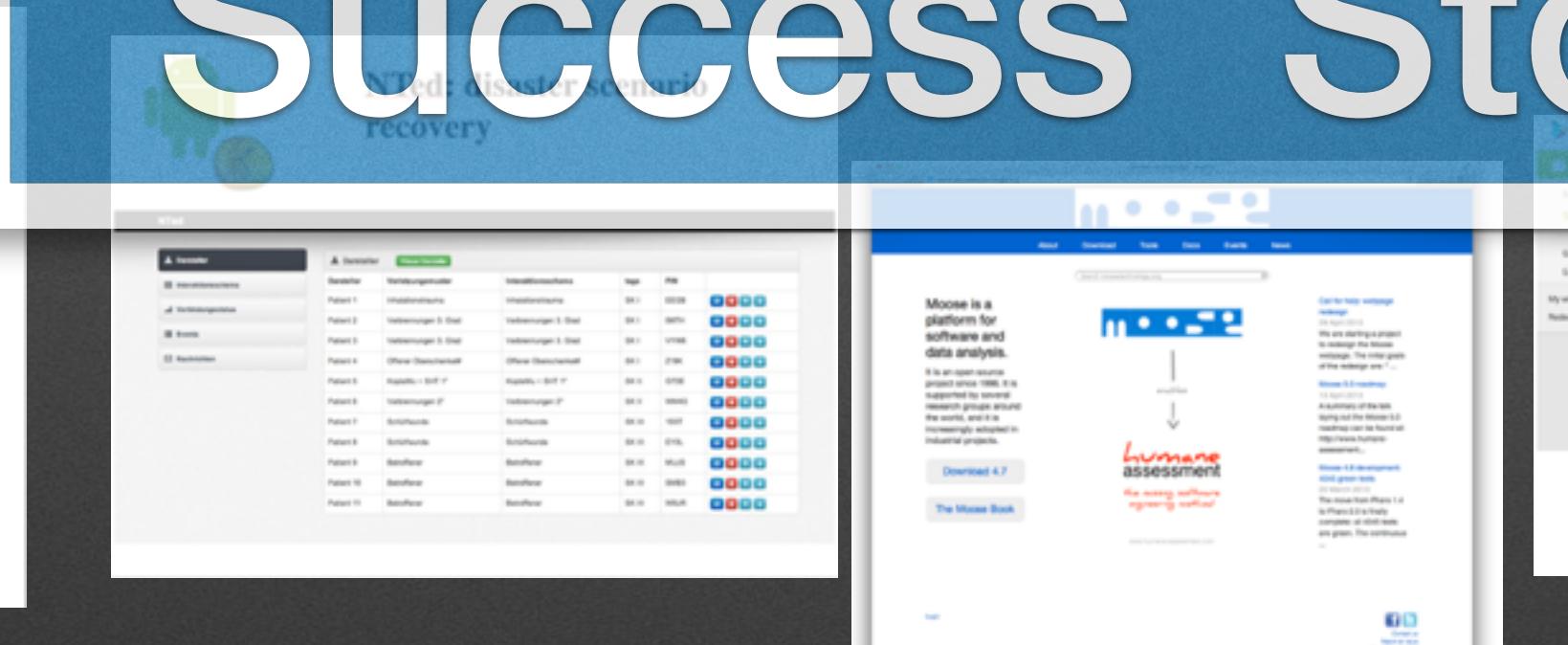
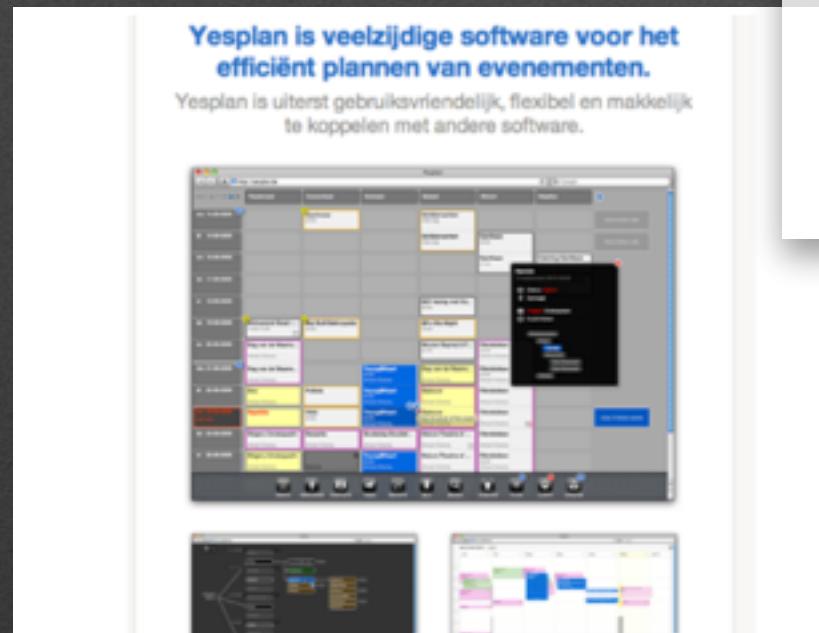
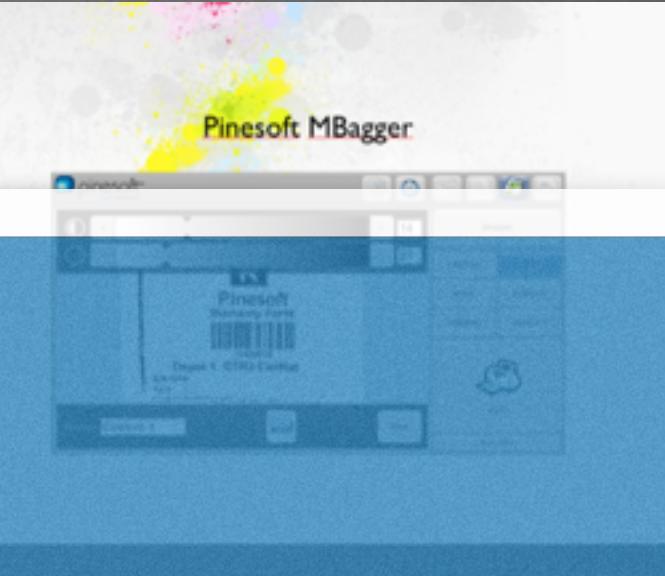


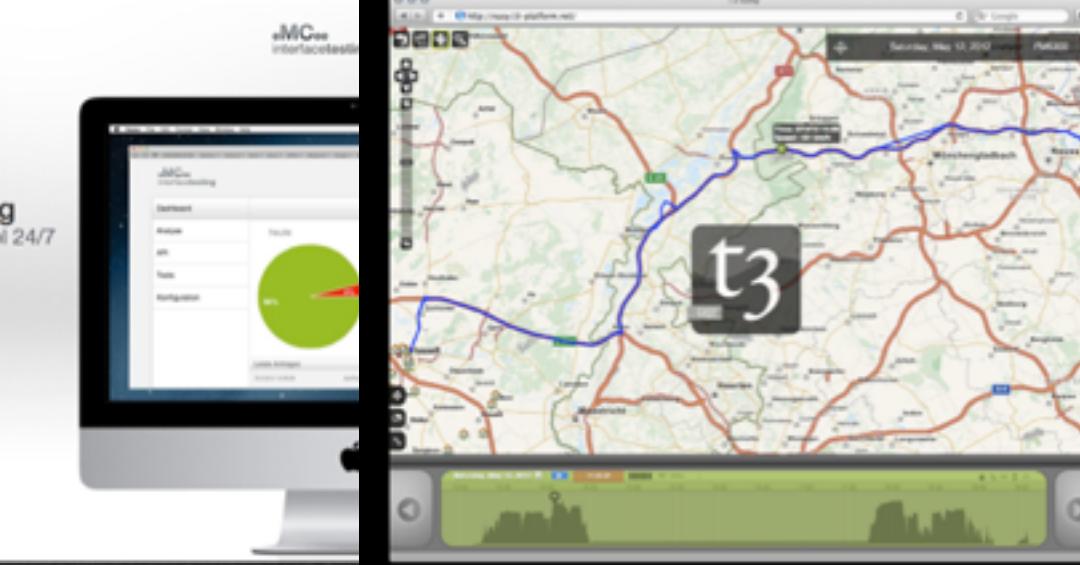
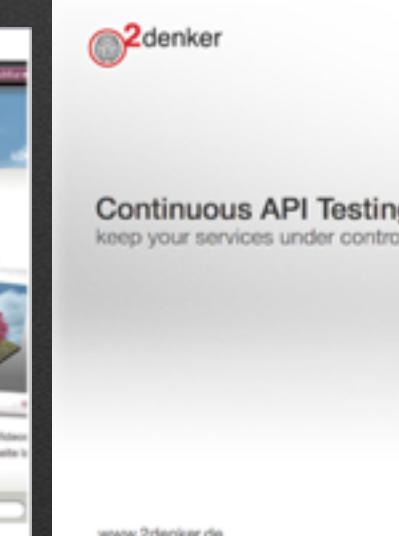
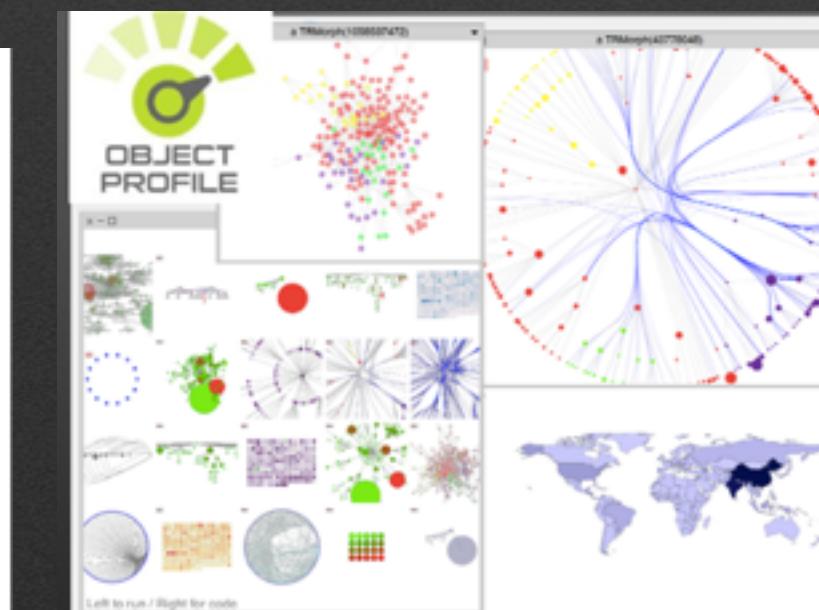
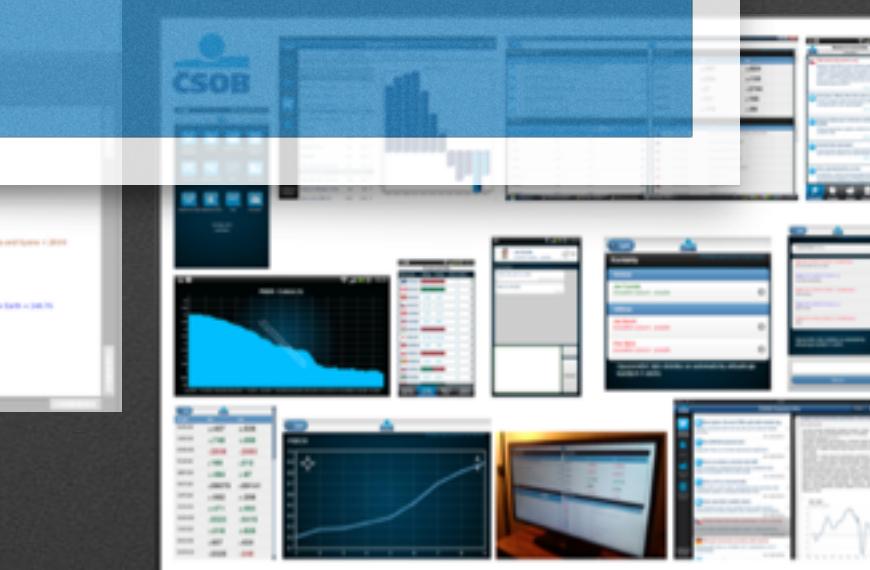
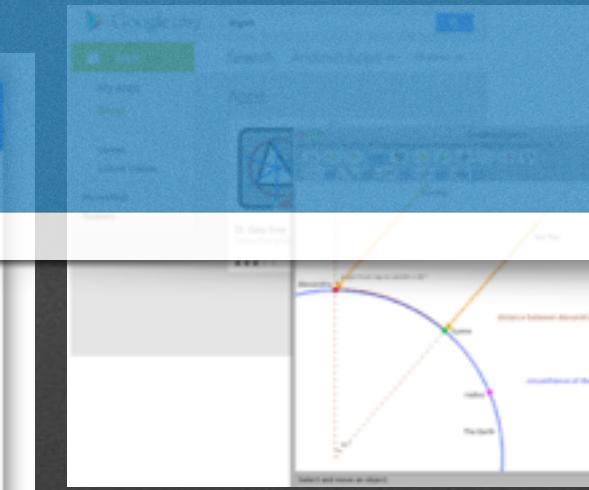
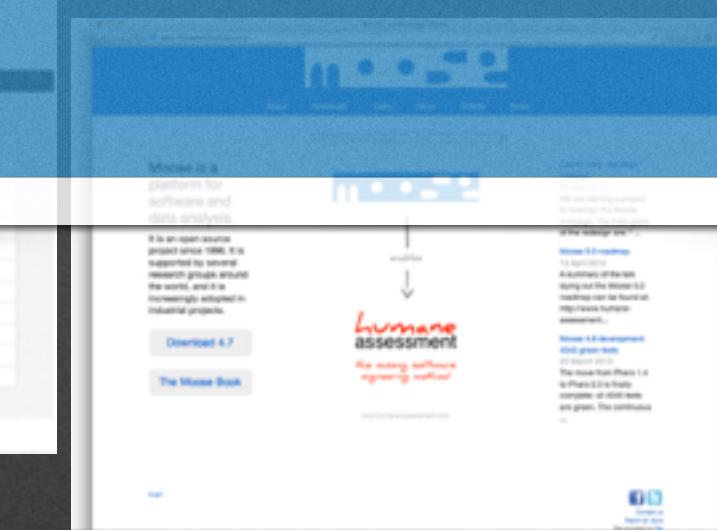
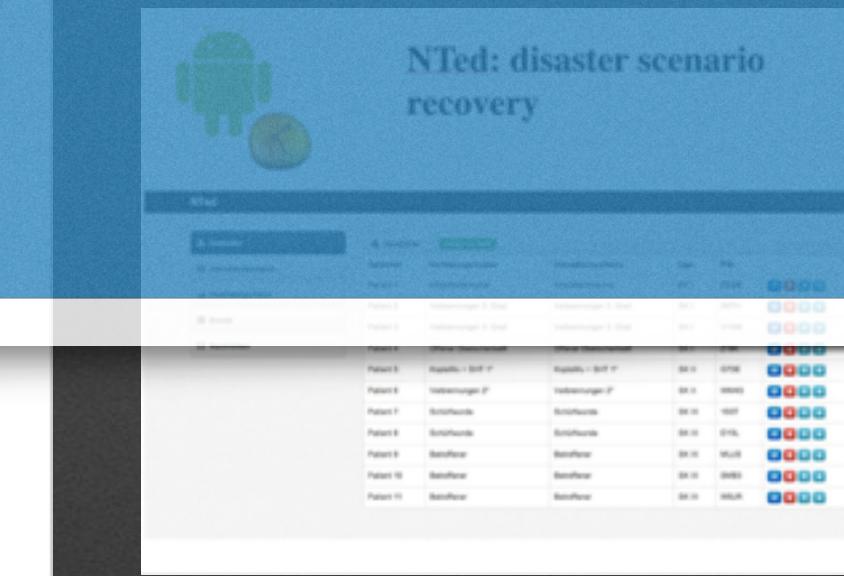
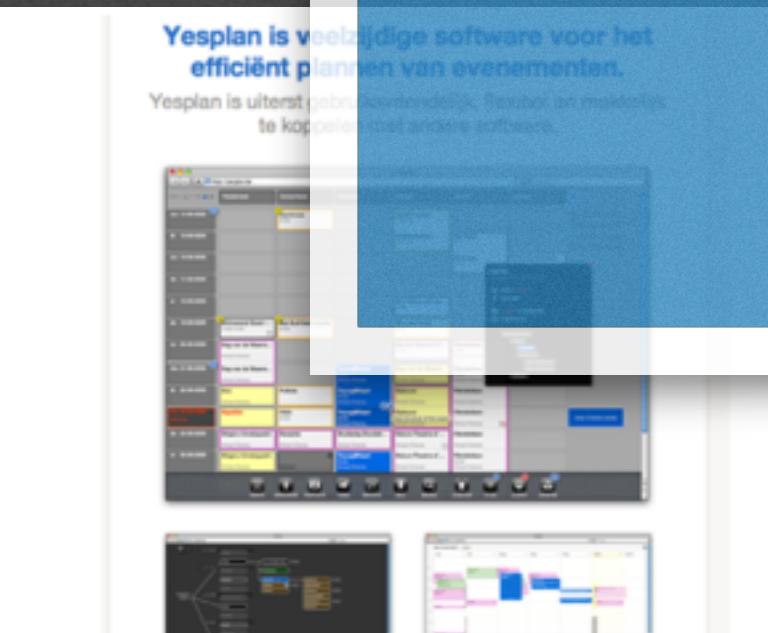
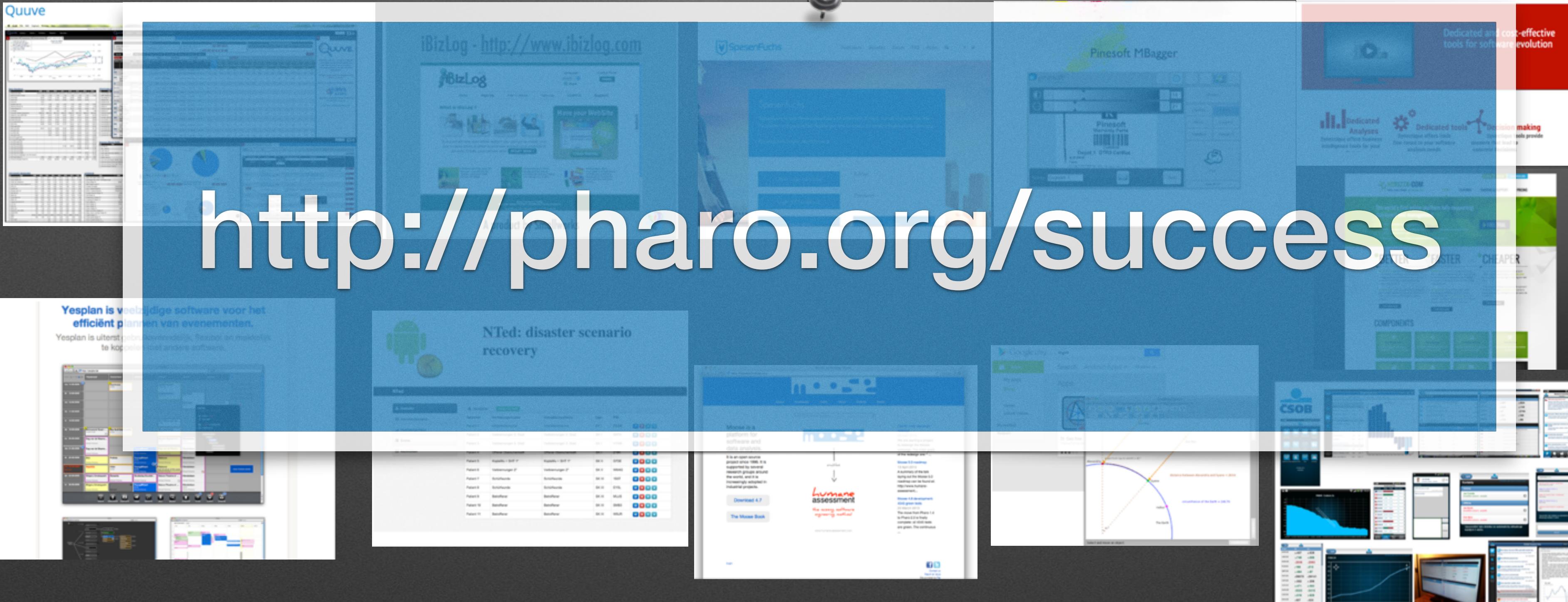
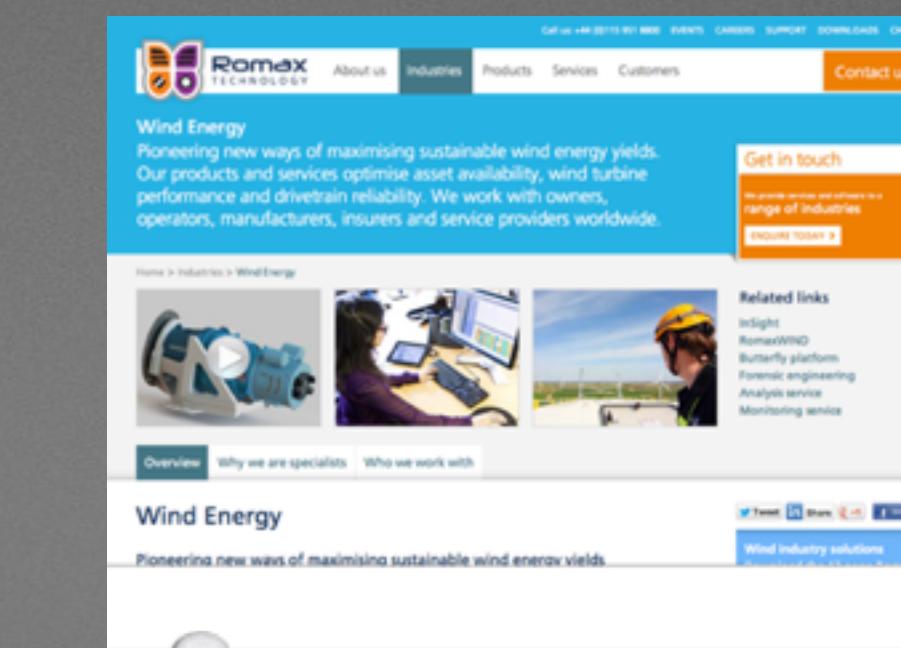
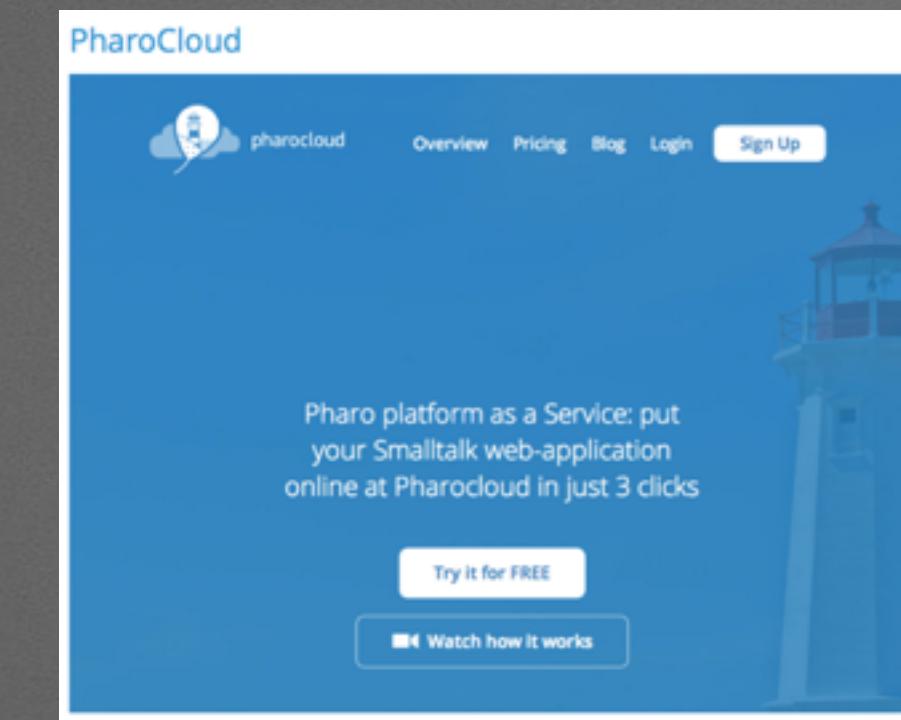
Some Success Stories

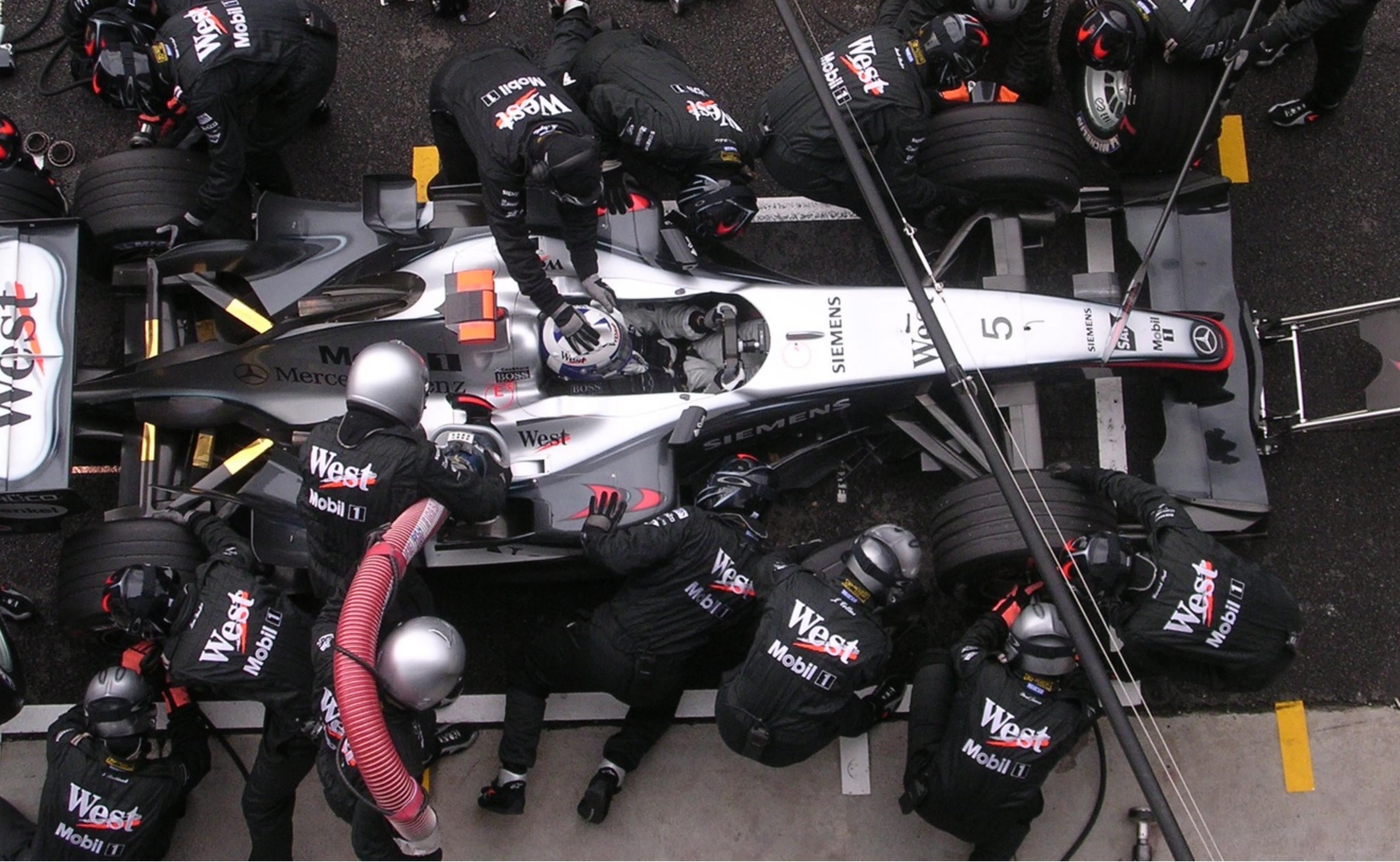


WEBDRUCK.CH Web-To-Print Solution

- 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

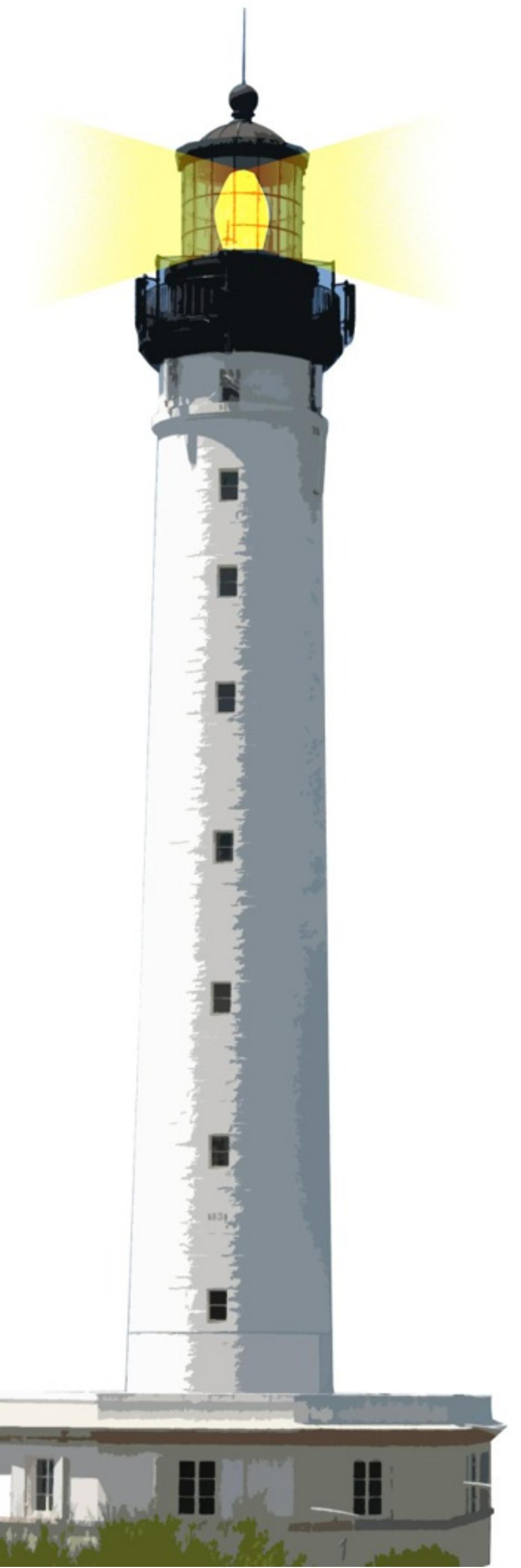




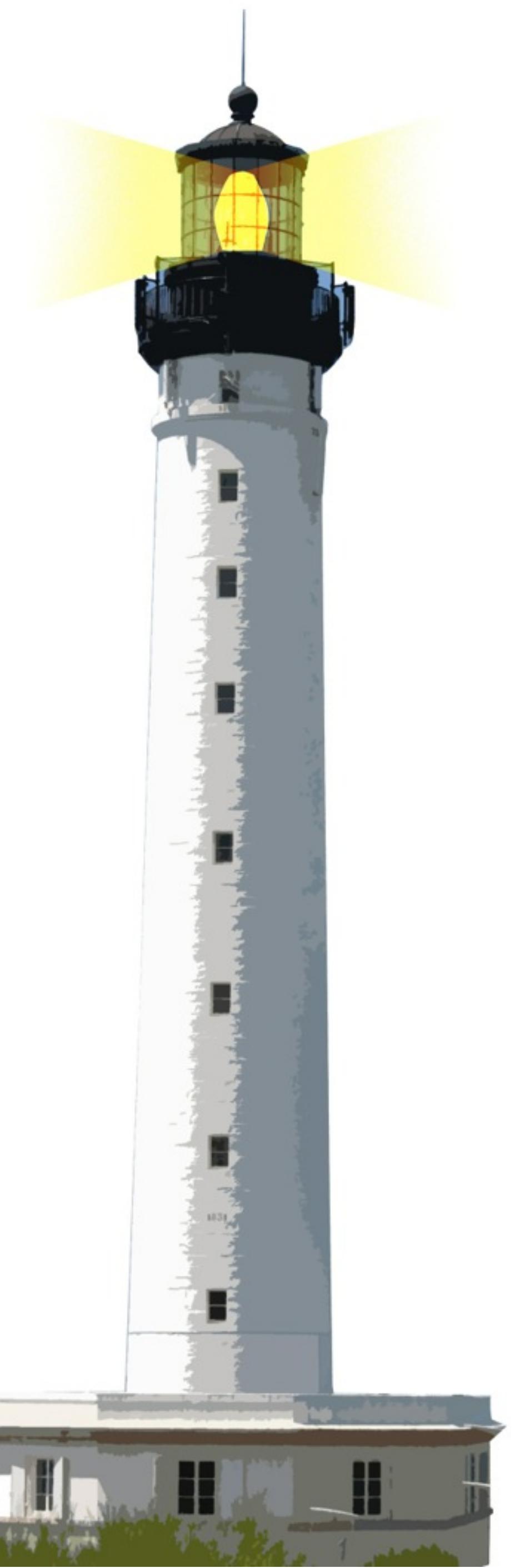


**Pharo is our vehicle
We improve it everyday**

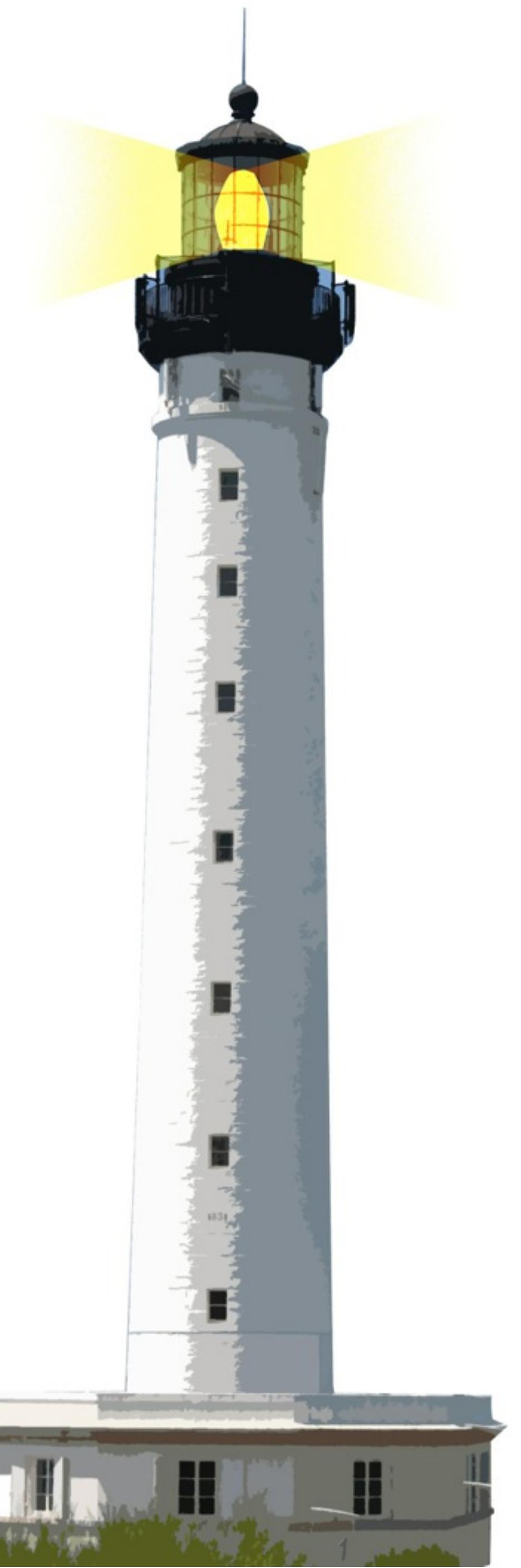
Pharo is just starting



Pharo is open



You can help and get
impact



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. it seems to have gone reasonably smoothly. That sense of mastery is seductive.” Ben Coman



Turtles all the way down

A. Bryant knew ruby, python, scheme, C, objective-C,...
but he developed Seaside in Pharo's ancestor because he
could manipulate the stack behind the back of developers

Seaside (<http://www.seaside.st>) is based on on-demand
stack reification



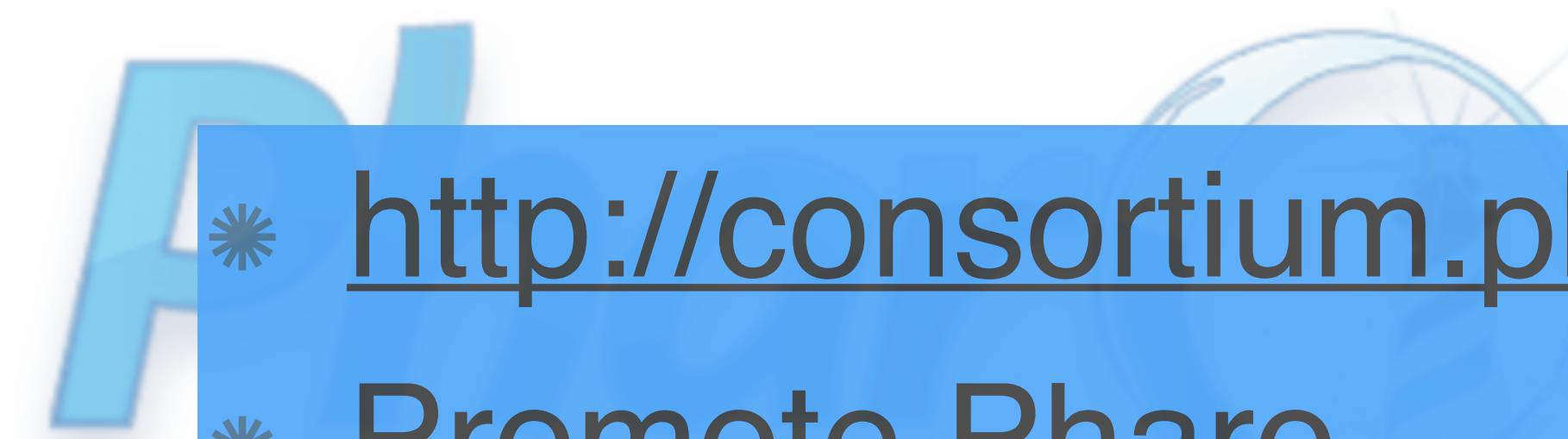
Mid-Term Vision

- * Bootstraped core
- * High Integration with OSes and C
- * Modular and Validated Distribution
- * Powerful tools all the way
- * Versatile system: from coffee machines to the cloud



The screenshot shows a web browser window with the following details:

- Address Bar:** consortium.pharo.org/web/about
- Page Title:** Industrial Consortium
- Navigation Links:** home, about, membership, reports, news, pharopro



The Pharo Consortium

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.

• Promote Pharo

• Sustain Pharo development

• Provide trustable visibility

• Provide support

• Promote Pharo. The consortium will promote Pharo by supporting conferences, books, videos, exhibitions, and conference participation. It will improve Pharo visibility and support the expansion of its community.

• 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. It will pay engineering tasks to be performed such as improving the virtual machine, network libraries, better JIT support or any other tasks decided by the Pharo Steering

Pharo consortium portal

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

Industrial Members



THALES



Sensus
Systems that make sense



W1S03 18



BetaNine
software engineering

CaesarSystems
Accelerate Confidently



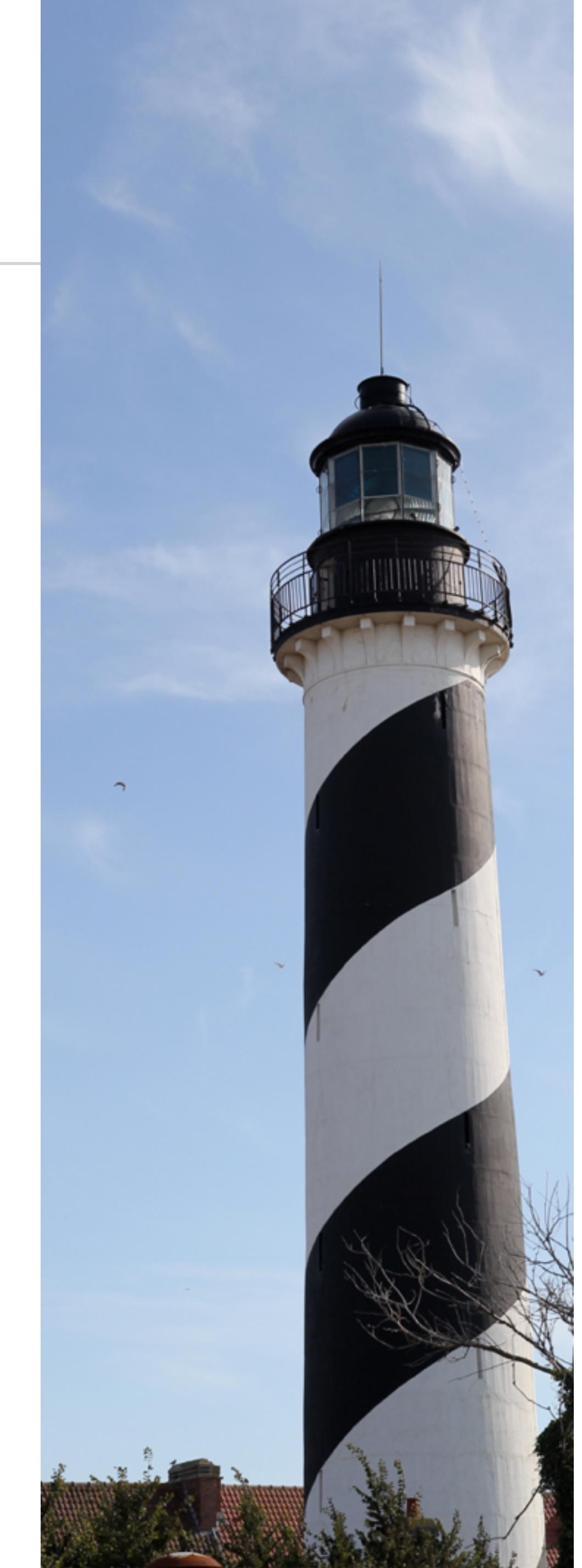
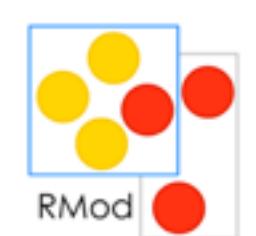
u^b
b UNIVERSITÄT
BERN



projector
software



TA MÈRE SCRL
BADASS MOBILE DEVELOPMENT



<http://www.pharo.org>

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



A course by



and



in collaboration with



Inria 2016

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