



The live programming experience

pharo.org

Pharo is a pure open-source reflective object-oriented programming language and a powerful environment, focused on simplicity and immediate feedback. Fully written in itself.

Pharo offers a unique immersive programming experience. Amazing debugging experience.

Full syntax on a postcard

465 internal packages

More than **3000** external projects

30 Universities use Pharo to teach OOP

15 international research groups use Pharo

98 committers



Industrial Consortium

consortium.pharo.org

To structure the community

To sustain the development of Pharo

21 industrial members / **13** academic members

1 User Association

association.pharo.org



10 open-source books

books.pharo.org



A mooc

mooc.pharo.org

Covering pharo, intro to advanced design, pharo libraries and web development

3411 participants 1st edition (257 attestations)

93 videos, 155 quiz

6 large exercises,

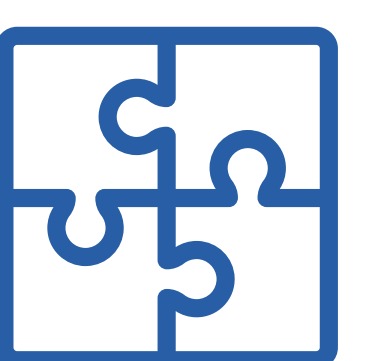
1 full web application

7 challenges

Inria



Technology Stack



Moose

Roassal

Magritte metamodeling

Web development:

- Seaside

- Teapot

- REST

- Integration: jenkins/travis/github

Persistence:

- OO: Gemstone.

- NoSQL: MongoDB, UnQLite, Tokyo, Redis

- Relational: Postgres, MySQL, SQLite

Platforms:

- Linux, Windows, OSX

- Mobile: Android, iOS

- Raspbian



open source
initiative
MIT