The immersive programming experience serving research and innovation

Pharo is a pure object-oriented programming language and a powerful environment, focused on simplicity and immediate feedback (think IDE and OS rolled into one).

Pharo has unique pedagogical properties and is used worldwide in 40 universities to teach object-oriented programming. Pharo supports 20 international research groups. Pharo development is sustained by an

1. **PURE AND ELEGANT**
syntax fits on a postcard
focus on intrinsic complexity

2. **REFLECTIVE**
fully written in itself
modifiable and deeply interactive

3. **COMPLETE OPEN-SOURCE STACK**
industrial consortium. Started in 2008, Pharo has grown into a mature and robust environment used to deploy industrial strength applications. Pharo core development team is hosted at Lille University and Inria Lille Nord Europe laboratory.

From Lille, consortium engineers and RMOD’s engineers and researchers are shaping new versions of Pharo.

Some figures
Discord: 1535 people / 250 online
Mailing-lists: ~1000 / Newsletter: 2400 registered
Twitter: 2650 followers
Github stars: 400 / forks: 200

Core development
https://github.com/pharo-project/pharo
Up to 109 contributors
30 active regular contributors
~ 10,000 commits since 2016
~ 30 commits per week reviewed & integrated.

A full ecosystem
Projects are blooming: math libs, machine learning, IoT, modern graphics, GPU, UI, visualisation, 3D, interaction, devops, ...

Success stories
http://pharo.org/success

“Pharo is a perfect fit to develop in an agile way. Small development cycles with continuous integration and continuous delivery enables fast turnarounds for the customers to validate progress.” N. Hartl CEO ZweiDenker