



Pharo 10 Status

Pharo Consortium Meeting

consortium-adm@pharo.org

09 December 2021



Pharo 9 - Active Backports

- We keep improving Pharo 9
- Fixes to Critical Issues
 - Code Completion Performance
 - Spotter Responsiveness
 - Inspector + Debugger Robustness
 - VM Sockets, FFI, etc...

We don't forget



Announcement!!!

Pharo 10 is under freezing



Getting ready for
Release

No New Elements or
APIs integrated

Stabilisation and Bug
Fixing

A stylized logo for Pharo 10. It features a sun-like symbol at the top with rays, transitioning into a red, flame-like shape, and then into a blue, wavy ribbon-like shape.

Announcement!!!

Pharo 10 is under freezing

Objective Release Date:
First Half of March 2022





Announcement!!!

Pharo Days 2022

March 3rd and 4th 2021

Lille, France



Pharo 10

Let's Analyse the Status

The logo for Pharo 10 is a stylized lighthouse. The top part is a semi-circle with a gradient from blue to orange, emitting several thin white lines representing light rays. The body of the lighthouse is a dark red, jagged shape. A blue and white striped spiral wraps around the lower half of the lighthouse.

Pharo 10

Objectives

- Smaller Iteration
- Simplification
- Tooling
- Modularisation
- General Improvements
- VM Improvements

The logo for Pharo 10 is a stylized lighthouse. The top part is a semi-circle with a gradient from blue to orange, with a bright yellow sunburst effect in the center. Below this is a red, jagged shape representing the lighthouse's body. A blue and white striped spiral wraps around the lower part of the lighthouse, extending downwards. The background is white with faint, thin lines radiating from the top of the lighthouse.

Pharo 10

Smaller Iteration

- Improving the Development process
- Shorter iteration to release
- Reduced Set of Objectives
- Better “Ready” definition

The logo for Pharo 10 is a stylized lighthouse. The top part is a semi-circle with a gradient from blue to orange, emitting several thin white lines representing light rays. Below this is a red, jagged shape resembling a lighthouse tower. A blue ribbon-like shape spirals downwards from the tower, transitioning from dark blue to light blue.

Pharo 10

Smaller Iteration

- Improving the Development process
- Shorter iteration to release
- Reduced Set of Objectives
- Better “Ready” definition

A result of a big
introspection



Objective in Progress

The logo for Pharo 10, featuring a stylized sun with rays in orange and yellow, and a red and blue abstract shape below it.

Pharo 10

Simplification

- Removing duplicated / obsolete code
 - Old Tools
 - V3 Compiler Support
 - Old Blocks & Bytecode
 - VM based event handling
 - Glamour
 - GTTools
 - ...

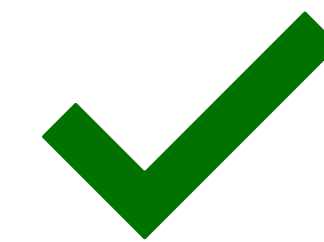
The logo for Pharo 10, featuring a stylized sun with rays in orange and blue, and a red, jagged, flame-like shape below it.

Pharo 10

Simplification

- Removing duplicated / obsolete code
 - Old Tools
 - V3 Compiler Support
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 - VM based event handling
 - Glamour
 - GTTools
 - ...

Keeping a good single
one



Objective Completed

The logo for Pharo 10 is a stylized lighthouse. The top part is a semi-circle with a gradient from blue to orange, emitting several thin white lines representing light rays. The body of the lighthouse is a dark red, jagged shape. A thick, wavy ribbon spirals around the lighthouse, transitioning from dark red at the top to blue at the bottom.

Pharo 10

Tooling

- Migrating final tools to Spec
- Improving existing ones
- Fixing issues and glitches
- Improving Refactorings, Deprecator & Rewriting tools.
- Improving Profilers

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Pharo 10

Tooling

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- Improving Refactorings, Deprecator & Rewriting tools.
- Improving Profilers

In Tools we believe



Objective in Progress

The logo for Pharo 10 is located on the left side of the slide. It features a stylized sun with a blue and orange gradient at the top, emitting several thin, light-colored rays. Below the sun is a red, jagged shape resembling a flame or a stylized letter 'P'. A blue, wavy ribbon-like shape flows downwards from the red shape, transitioning from a dark blue to a lighter blue. The entire logo is set against a white background.

Pharo 10

Modularisation

- Removing components from the base image
- Easy External Project / Library Loading
- Validating External Projects: ensuring working libraries outside the image.
- A possible set of distributions or easy to build images

The logo for Pharo 10 is a stylized, abstract figure. It features a central vertical axis with a sun-like burst at the top, transitioning from blue to orange. Below this, the figure's body is composed of several overlapping, curved segments in shades of red, purple, and blue, giving it a dynamic, flowing appearance.

Pharo 10

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The logo for Pharo 10 is located on the left side of the slide. It features a stylized sun with a blue and orange gradient at the top, from which several thin white lines radiate outwards. Below the sun is a red, jagged shape resembling a flame or a stylized 'P'. A blue, wavy ribbon-like shape flows downwards from the red shape, transitioning from dark blue to light blue.

Pharo 10

Modularisation

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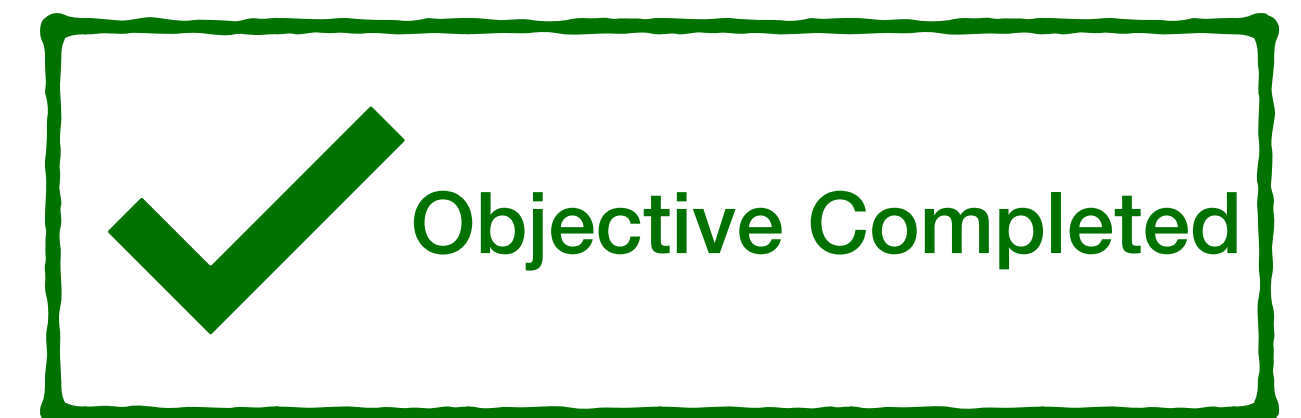
A Pharo version for
Each one

The logo for Pharo 10 is a stylized lighthouse. The top part is a semi-circle with a gradient from blue to orange, emitting several thin white lines representing light rays. Below this is a red, jagged shape resembling a lighthouse tower. A blue and white wavy ribbon spirals down from the tower.

Pharo 10

VM Improvements

- Sockets
- Clean up old code
- GC Improvements
- Logging
- Stability
- Speed



A stylized logo on the left side of the slide. It features a central sun-like shape with orange and yellow rays, surrounded by a blue and red circular border. Below this, there are three wavy, ribbon-like shapes in red, purple, and blue, extending downwards.

Pharo Promotion

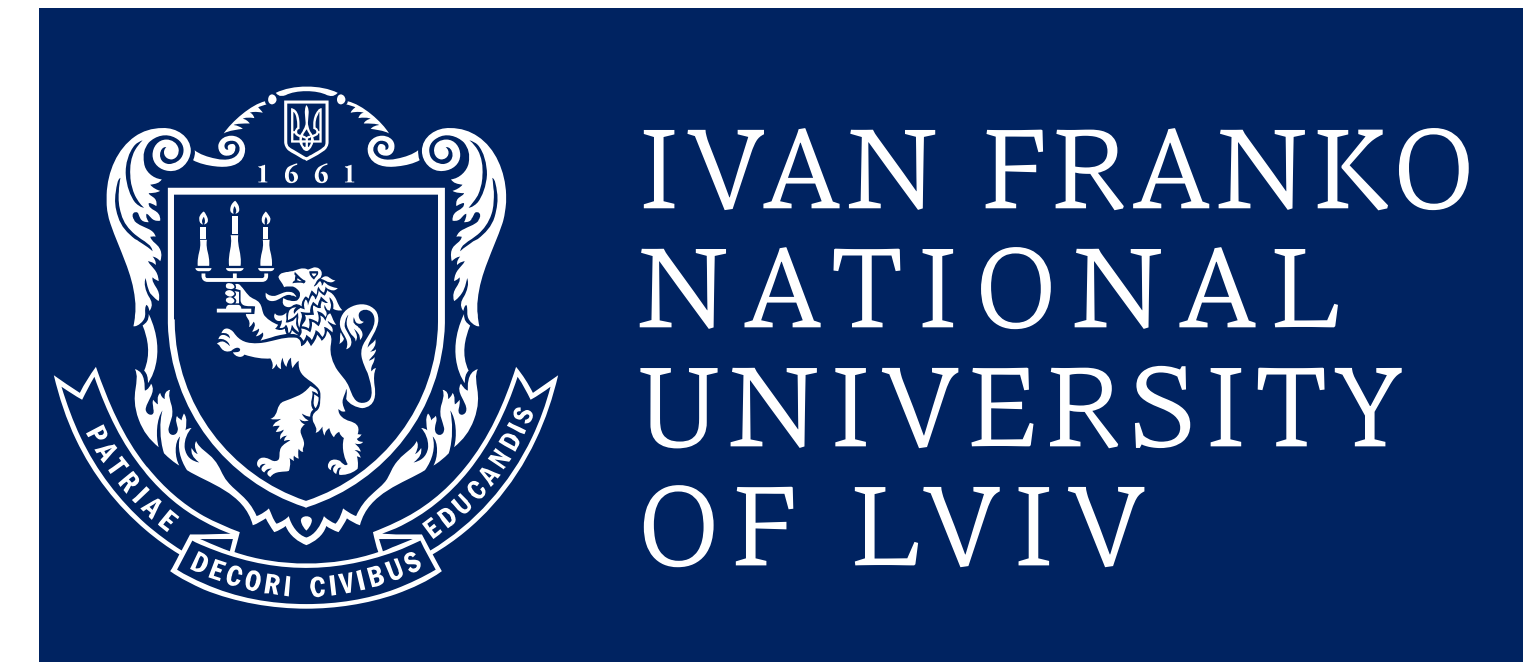
- Books - books.pharo.org
- Mooc - mooc.pharo.org
- Blog - thepharo.dev
- Presentations

New Academic Members



LIENSs UMR 7266

<https://lienss.univ-larochelle.fr/>



**Faculty of Applied
Mathematics and Informatics**

<https://ami.lnu.edu.ua/en/>

Bilateral Contracts



THALES

Ongoing



Under Discussion

All results are also possible thanks to them



Two Years - Finished



One Year - Finished

Thanks!!!



pharo.org



consortium

consortium-adm@pharo.org



[pharo-project/pharo](https://github.com/pharo-project/pharo)



discord.gg/QewZMZa



thepharo.dev