

### Pharo Status

**Pharo Consortium Meeting** 

consortium-adm@pharo.org



### Pharo 11: Close to the Release



### Pharo 11 - Release Date

End of April /
Beginning of
May



### Pharo 11 - Release Date



# Pharo 11 - Close to the Release Objectives

- Keeping our same objectives:
  - Modularisation
  - Clean up
  - Improvements



# Pharo 11 - Close to the Release Objectives

- Keeping our same objectives:
  - Modularisation
  - Clean up
  - Improvements

A mix of
Features and
Cleanings



### Pharo 11 - Close to the Release

#### Changes 1/3

- Updated External Dependencies (Fuel, Roassal, LibGit2, Spec, Zinc / Zodiac)
- Refactorings
- Quality Rules Enhancements
- Block Closures Clean-up
- Better Inspectors (e.g., Array2D, Iceberg objects)
- Compiler Improvements (Speed, Errors, Architecture)



## Pharo 11 - Close to the Release Changes 2/3

- Clean-Up
- Bug Fixing (lots of fixes...)
- Memory Issues (Color handling, FFI Leaks)
- Finalization using Ephemerons
- Document Browser (Docs in MD)



### Pharo 11 - Close to the Release

#### Changes 3/3

- Lots of Improvements in:
  - Debugger
  - Calypso
  - Test Runner
  - Dr Test
  - Inspector
  - Iceberg



## Pharo 11 - Close to the Release In Numbers

- 1 year of Development (Started April 2022).
- More than 1000 issues closed.
- More than 1600 Pull Request Integrated.
- ~95 Contributors



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Thanks to all the Contributors!!!





### Pharo 11 - VM Side

#### It is a Complex Beast

- 3 Architectures (Intel x64, ARM32, ARM64)
- 3 Main Operating System (Linux, MacOS, Windows)
- 7 Main Distributions:
  - Linux ARM32 / ARM64 / Intel x64
  - MacOS ARM64 / Intel x64
  - Windows ARM64 / Intel x64



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& 23 Different
Linux
Distributions
with OBS



### Pharo 11 - VM Side

#### Changes

- Fixes in Memory Handling (GCs, Ephemerons, JIT, Primitives)
- Translation Improvements
- Simulation Improvements
- Tests & Test Generation
- Clean-Up
- Third Party Dependencies
- Open Build Service
- SIMD Support



## Pharo 11 - VM Side In Numbers

- 2 year of Development (Started April 2021).
- More than 100 issues closed.
- More than 200 Pull Request Integrated.
- 30 Contributors

Thanks to all the Contributors!!!



# Pharo Promotion Books

- Pharo with Style
- Pharo by Example 9

Available for Printing

books.pharo.org



# Pharo Promotion Mooc

- Revamp of the Pharo Mooc
- A new Advanced Mooc on the Works

mooc.pharo.org



# Pharo Promotion Mooc

Revamp of the Pharo Mooc

A new Advanced Mooc on the Works

Downloadable,
Accessible,
Multiple Langs

mooc.pharo.org

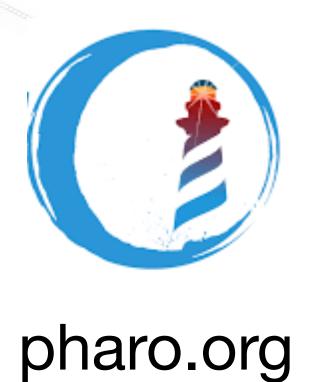


#### Pharo Promotion

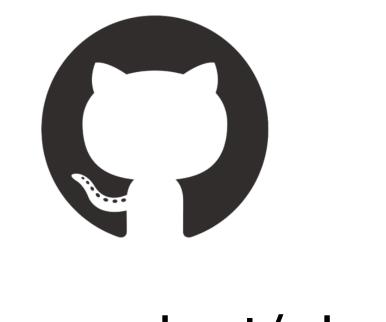
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- Blog thepharo.dev



### Thanks!!!







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