

A word of Presentation

<http://stephane.ducasse.free.fr>

05-2023



In a Nutshell

Head of RMOD team (7 permanents, 20 people)

Was scientific deputee of Inria Lille (300 people)

Wrote several open-source books / ~ 300+ articles

~ 16 K citations / H-index~62

One of the leaders of the Pharo community

- <http://www.pharo.org>

Past core devs of Moose data and code analysis platform

- <http://moosetechnology.org> / <http://modularmoose.org>

Co-founder of <http://www.synectique.eu>

synect[?]que
Inventive Analysis

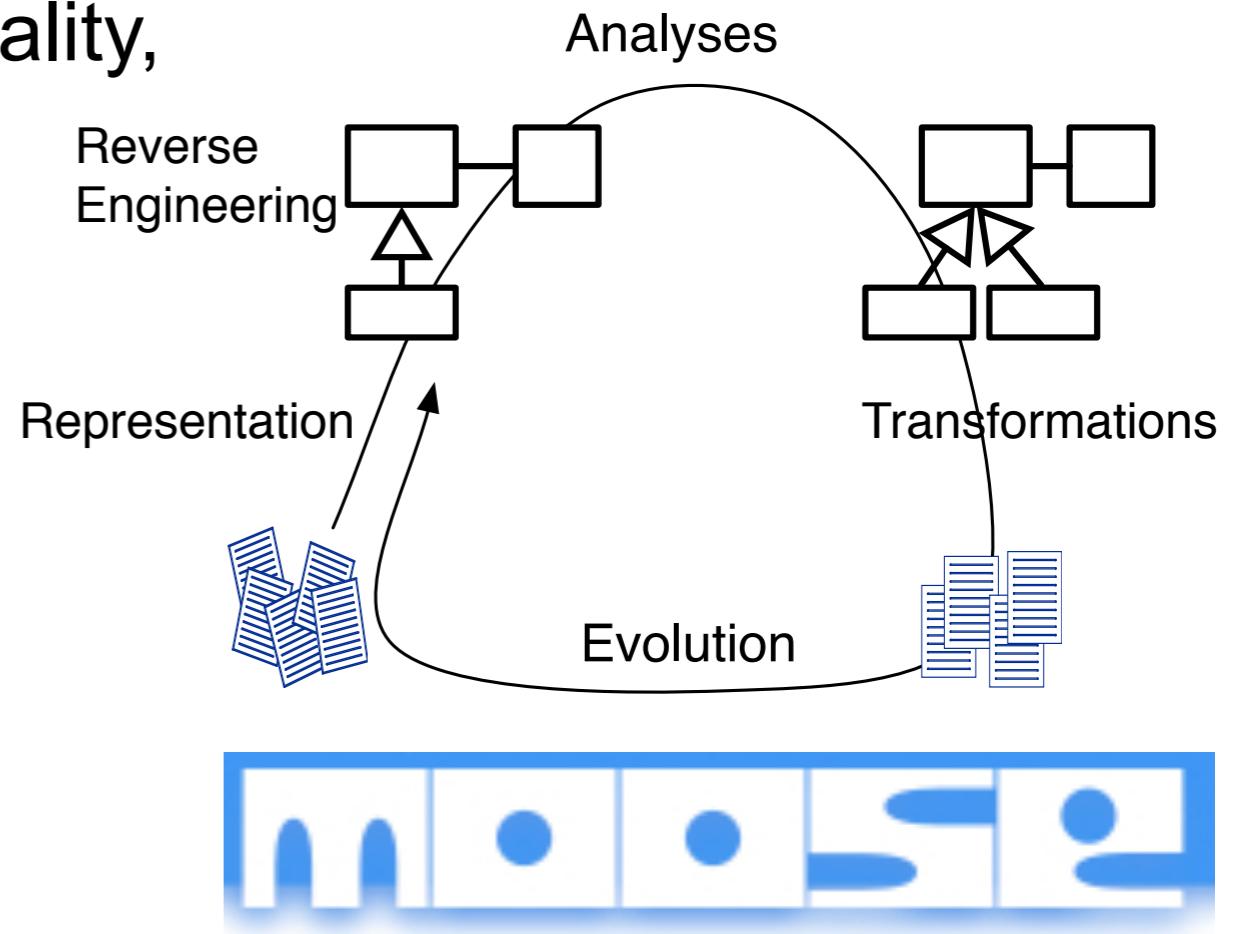
Expert in Maintenance

code analysis, metamodeling, software metrics, program understanding, program visualization, reverse engineering, evolution analysis, refactorings, quality, changes analysis, commit, dependencies, merging support rule and bug assessment semi-automatic migration example-based transformations test selection, rearchitecturing blockchains, ui-migration

Collaborations

IMT Douai, Soft (VUB), ENSTA (Bretagne)

Berger-Levrault, Siemens, Thales, CIM, Arolla, Lifeware, WordLine/ATOS



Expert in language design

- Modules, reflective programming, MOP
- **Traits are in Scala, Php, Perl, Pharo, Squeak**
- **Traits in modeling...**
- **won ECOOP Test of Time 2023**

Co-creator of Pharo



- <http://pharo.org>
- <http://consortium.pharo.org>
- <https://discord.gg/QewZMZA>
- <http://github.com/Pharo-project/Pharo>



Pharo



- Language (fit on half of a postcard)
- Pureworldwide model, reflective & simple OO model
- IDE with cool tools
- Standard libraries...
- P9 = 790 packages - 10658 classes/143 420 methods
- Used in 40 Universities worldwide

<http://mooc.pharo.org>



J'ai trouvé ça très intéressant, beaucoup plus que prévu ! je regrette de ne pas m'y être mis plus tôt. J'ai enfin l'impression de vraiment faire de la POO ! Ou à l'inverse je me rend que je n'en faisais pas vraiment... – Anonymous, 2019

I have just completed week seven of the Pharo Mooc (beginner and object oriented tracks) I am starting a redo of the Mooc with the web track (TinyBlog project). I have already learned so much ! I have spent the last 20 years or so in software development and, following this Mooc, I realized I hadn't really grasped the essence of object oriented design. – Anonymous

« Really one of the best mooc I have ever attended. And I have attended quite a few (openSAP, openHPI). As an old fashioned ABAP developer I want to be reborn as Pharo developer in my next life :-) » – Anonymous

Hi! I finished the MOOC some weeks ago and I would like to congratulate everybody involved! After a decade+ of Python programming I think I found my new favorite language :). I'm making a small Teapot server for Slack command bots, I'm goona push it to Github (yay Iceberg), if anyone is interested.