# An extensible production-level debugger 

Adrien Vanègue, Steven Costiou

## To cite this version:

Adrien Vanègue, Steven Costiou. An extensible production-level debugger. Journées Nationales du GDR-GPL 2023, Jun 2023, Rennes, France. hal-04130163

HAL Id: hal-04130163
https://inria.hal.science/hal-04130163
Submitted on 15 Jun 2023

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers. publics ou privés.

Distributed under a Creative Commons Attribution 4.0 International License


## Building new debugging tools: Examples

CHEST:
a global collection with an API to access objects from everywhere

## JUMP

TO CARET:
a Goto
command to debug A production debugger integrated into the Pharo
language
 put: a

API Example

2 from program 1 into program 2
toto $:=42$.
toto $:=42$.
tata $:=\underbrace{}_{\left(\begin{array}{c}\text { Chest named: 'ClipboardDefault') } \\ \text { at: 'clipboardEntry' }\end{array}\right.}$.
$\underbrace{\text { at: 'clipboardEntry' }}$ program 1 into
program 2

How to compare my objects
between program 1 and 2?
inside program 2
toto $==$ tata false

integrated as debugger extension


