

# Contributing to Pharo

Feb 15, 2018

# Plan

- How report issues (issue tracker)
- How to do a Pull Request
- How to review fixed issues

# Note!

- Pharo7 is in active development, including CI setup and GIT support
- This is what works now
- We have to improve and simplify!

# Issue Tracker

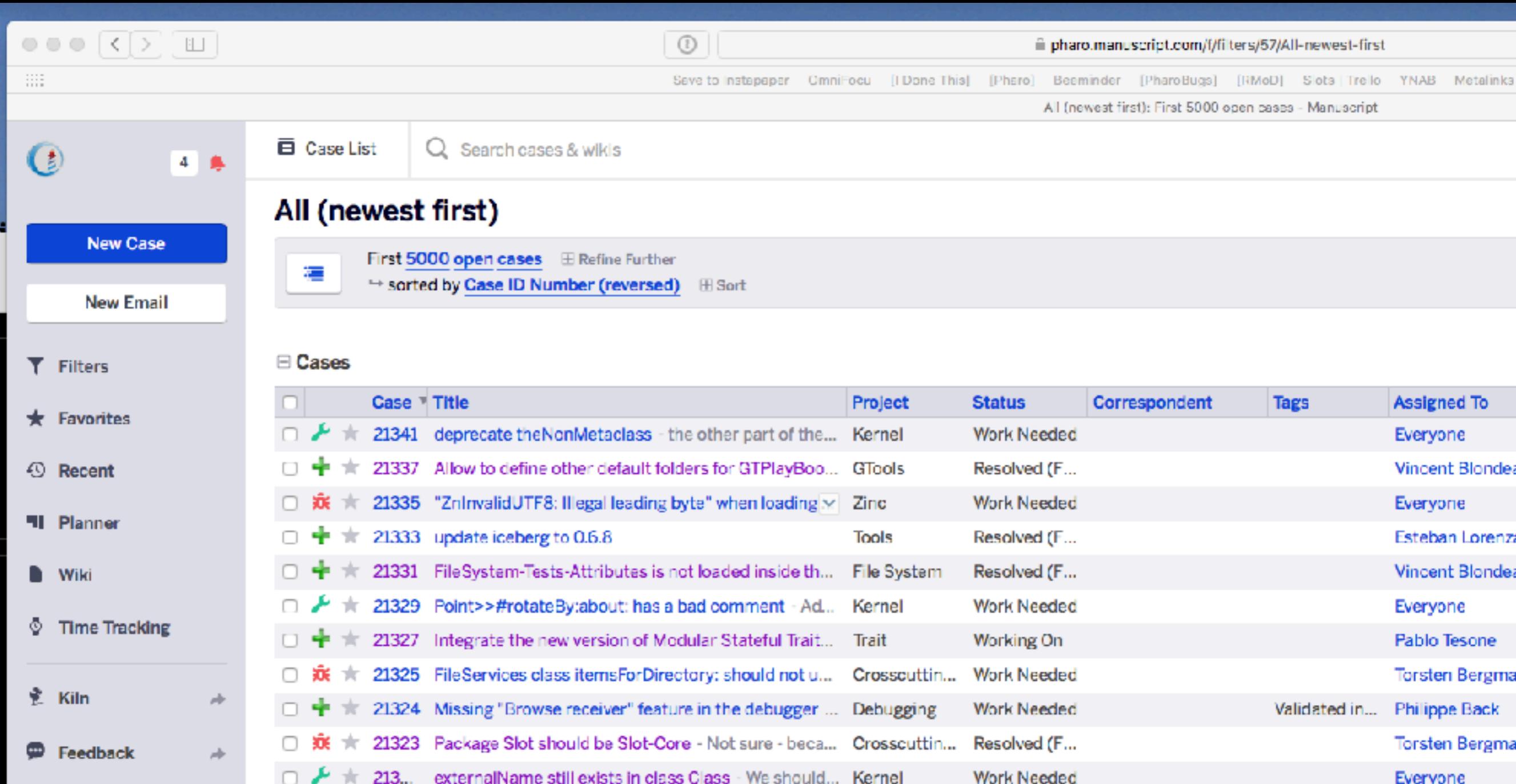
- We use Manuscript (used to be called Fogbugz)
- <https://www.manuscript.com>
- Sponsored by Fog Creek Software (Thanks!)
- Pharo issue Tracker:

<https://pharo.manuscript.com>

# Issue Tracker

- You need to create an account!
- There is a Link: “Register here.”
- You can report anything
- But issues are auto-closed after 1 Year of no action
  - Ask for help on Discord and Mailinglist
  - Of course re-open!

# Issue Tracker



The screenshot shows a web browser window displaying the Pharo issue tracker. The address bar shows the URL `pharo.manuscript.com/filters/57/All-newest-first`. The page title is "All (newest first)". The interface includes a sidebar with navigation options like "New Case", "New Email", "Filters", "Favorites", "Recent", "Planner", "Wiki", "Time Tracking", "Kiln", and "Feedback". The main content area shows a list of cases with columns for Case ID, Title, Project, Status, Correspondent, Tags, and Assigned To. The cases are sorted by Case ID Number (reversed).

Case List

### All (newest first)

First [5000 open cases](#)  Refine Further  
↔ sorted by [Case ID Number \(reversed\)](#)  Sort

#### Cases

<input type="checkbox"/>	Case	Title	Project	Status	Correspondent	Tags	Assigned To
<input type="checkbox"/>	<a href="#">21341</a>	<a href="#">deprecate theNonMetaclass</a> - the other part of the...	Kernel	Work Needed			Everyone
<input type="checkbox"/>	<a href="#">21337</a>	<a href="#">Allow to define other default folders for GTPlayBoo...</a>	GTools	Resolved (F...			Vincent Blondea
<input type="checkbox"/>	<a href="#">21335</a>	<a href="#">"ZnInvalidUTF8: Illegal leading byte" when loading</a>	Zinc	Work Needed			Everyone
<input type="checkbox"/>	<a href="#">21333</a>	<a href="#">update iceberg to 0.6.8</a>	Tools	Resolved (F...			Esteban Lorenza
<input type="checkbox"/>	<a href="#">21331</a>	<a href="#">FileSystem-Tests-Attributes is not loaded inside th...</a>	File System	Resolved (F...			Vincent Blondea
<input type="checkbox"/>	<a href="#">21329</a>	<a href="#">Point&gt;&gt;#rotateBy:about: has a bad comment</a> - Ad...	Kernel	Work Needed			Everyone
<input type="checkbox"/>	<a href="#">21327</a>	<a href="#">Integrate the new version of Modular Stateful Trait...</a>	Trait	Working On			Pablo Tesone
<input type="checkbox"/>	<a href="#">21325</a>	<a href="#">FileServices class itemsForDirectory: should not u...</a>	Crosscuttin...	Work Needed			Torsten Bergma
<input type="checkbox"/>	<a href="#">21324</a>	<a href="#">Missing "Browse receiver" feature in the debugger ...</a>	Debugging	Work Needed		Validated in...	Philippe Back
<input type="checkbox"/>	<a href="#">21323</a>	<a href="#">Package Slot should be Slot-Core</a> - Not sure - beca...	Crosscuttin...	Resolved (F...			Torsten Bergma
<input type="checkbox"/>	<a href="#">213...</a>	<a href="#">externalName still exists in class Class</a> - We should...	Kernel	Work Needed			Everyone

# How to do a Fix

- Add an issue for both Bugs \*and\* Enhancements (for now)
- We use Github for contributing (Pull Request based)
- You need an account on Github!

<https://github.com/pharo-project/pharo/pulls>

# Full Description

<https://github.com/pharo-project/pharo/wiki/Contribute-a-fix-to-Pharo>

# How to Review

- <http://pharo.org/review-fix>
- Three ways:
  1. On GitHub
  2. Download Image from CI
  3. Using Review Tool