

Spec 2

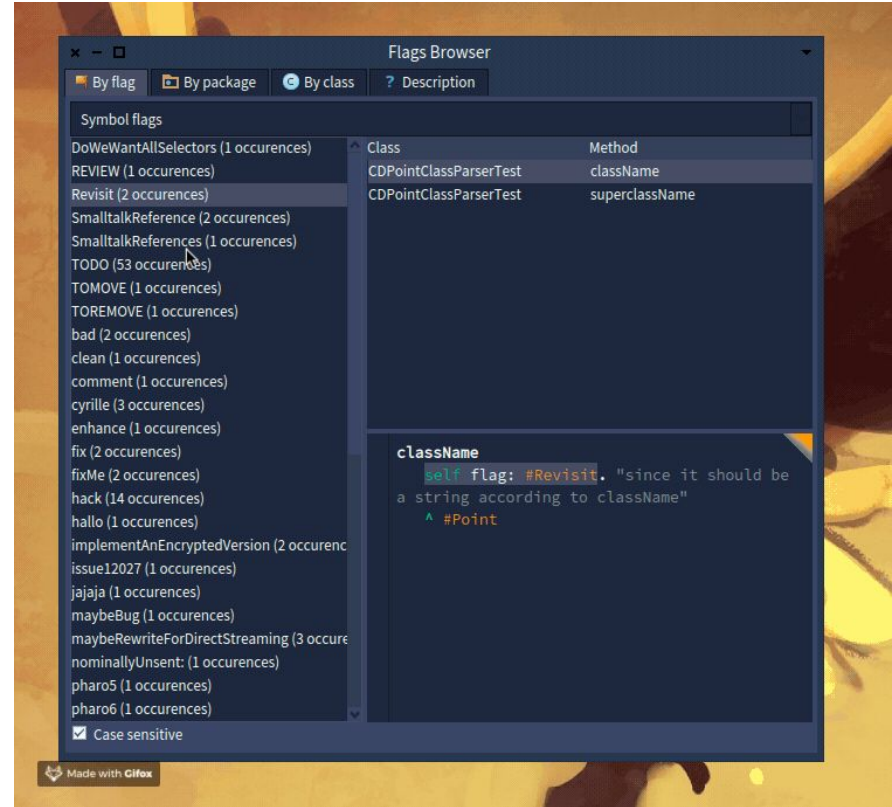
**How to build
a new GUI**

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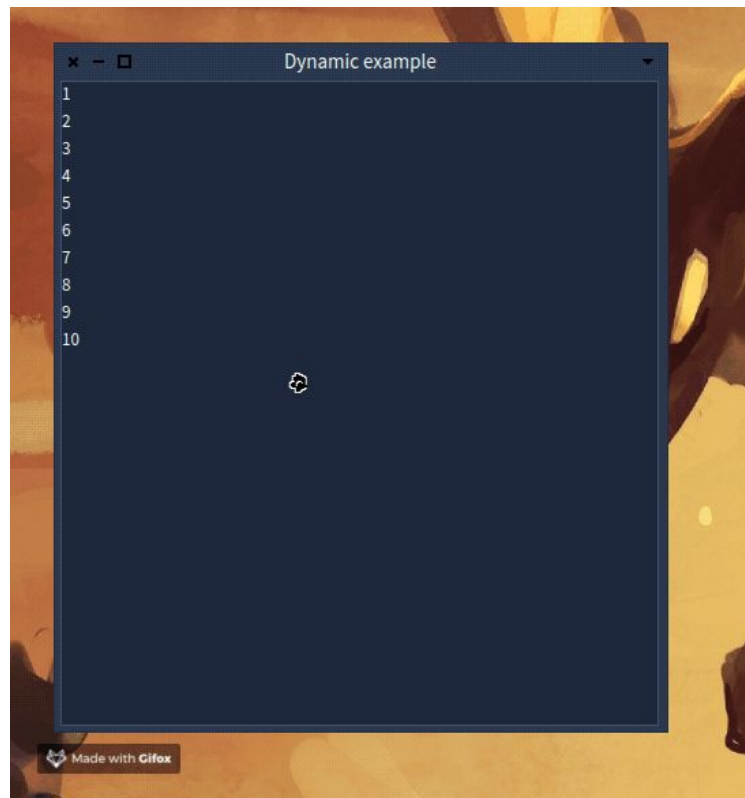
Spec

- Default GUI framework of Pharo
- Multiple back-ends
- Components based



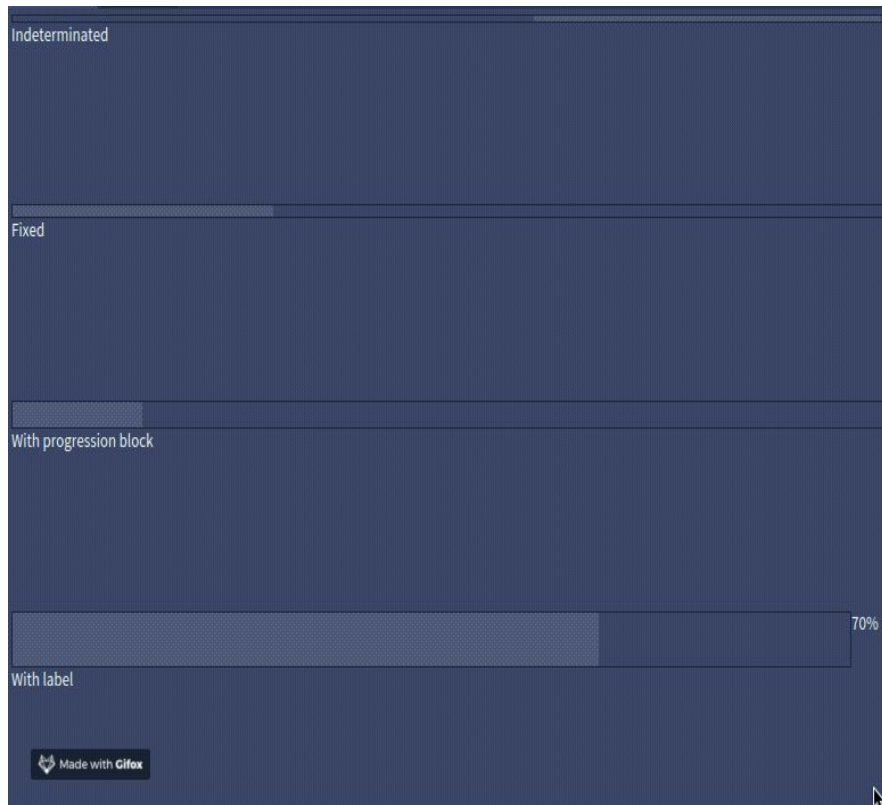
Spec 2 (1/2)

- New layouts
- New widgets (presenters)
- Transmissions
- GTK back-end



Spec 2 (2/2)

- Dynamic presenters
- Commander v2 integration
- Observable slots
- General cleanings
- More tests



Demos

The screenshot displays the 'Spec UI Framework Demo' application. On the left is a sidebar menu with categories like Forms, ToolBar, Notebook, ActionBar, Links, Buttons, Text input, Checkboxes, Modals, Radio buttons, Dynamic presenters list builder, Labelled presenter, Tables, Tree tables, Lists, and Progress bar. The main area is split into two panes: 'Example' and 'Code'. The 'Example' pane shows a form with fields for name, surname, number 1, number 2, scale, password, a 'remember me' checkbox, date, gender (radio buttons), and a list of items. The 'Code' pane shows a table representing the form's state.

Name	Value
name	some name
surname	empty
number 1	1
number 2	12.009
scale	42
password	password
rememberMe	true
date	1 January 2018
gender	male
items	#('item 3' 'item 4')

Let's build a tool to browse
flags in the system

Future/current work

- Improve the API
- Style management
- Simplify management of dynamic widgets
- Documentation

Migration

- Spec 1 and 2 can live together
- Spec 2 classes all begins with `Sp`
- Automatic transformations



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Questions?



Yes



No

<https://github.com/pharo-spec/Spec>

**Thank you for your
attention**

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