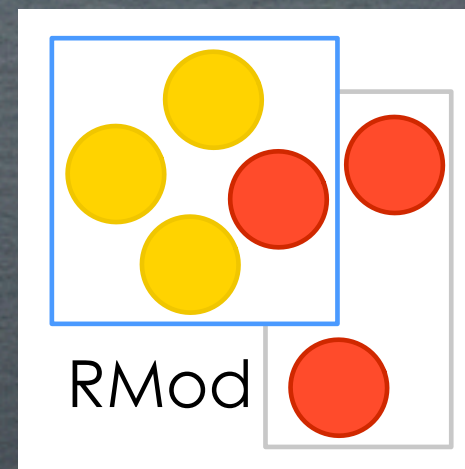


Building your *own* Pharo images with Metacello

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MOTIVATIONS 1

To help Pharo community:

- ✻ I use/test new tools.
- ✻ I use (fight) latest versions.
- ✻ I find/report/fix/test bugs.

MOTIVATIONS 1

**BLEEDING~EDGE
NINJA FIGHTER**

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MOTIVATIONS 1

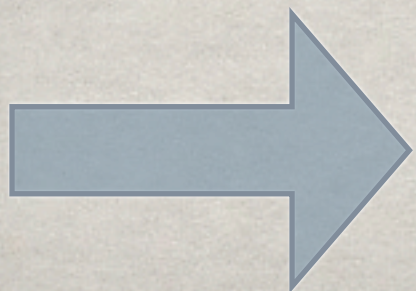
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NINJA FIGHTER**

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- ✻ I find/report/fix/test bugs.



I am downloading hundred of images every day. An image can last me a maximum of a couple of days.

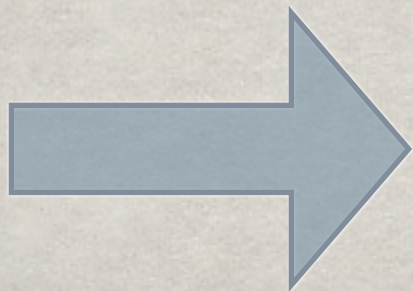


MOTIVATIONS 2

- ✱ I have my own (different) preferences/settings than the default ones.
- ✱ I use specific tools that are not present by default.
- ✱ I am, most of the times, working in several projects at the same time.

MOTIVATIONS 2

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- ✱ I use specific tools that are not present by default.
- ✱ I am, most of the times, working in several projects at the same time.



I spend a lot of time building my own images

- ⊗ I am downloading hundred of images every day.
- +
- ⊗ I spend a lot of time building my own images.
-

- ⊗ I am downloading hundred of images every day.
- +
- ⊗ I spend a lot of time building my own images.

= It doesn't compile

⊗ I am downloading hundred of images every day.

+

⊗ I spend a lot of time building my own images.

= It doesn't compile

+

⊗ I am lazy.

+

⊗ I don't like losing time with this.

+

⊗ My memory is bad.

The image shows a classic Windows XP desktop background, which is a green rolling hill under a blue sky with white clouds. The entire image is covered with a network of white cracks, radiating from a central point at the top, giving it the appearance of a shattered or broken screen. Overlaid on this cracked background is the text "Something is not working." in a black, serif font, centered horizontally.

Something is not working.



The tools are already there.

WHAT IS METACELLO



- ✻ Package management system for Monticello.
- ✻ Configuration “file” per project.

- ✻ A configuration “file” defines project versions.
- ✻ A version is:
 - ✻ List of Monticello files (mcz) used by the project.
 - ✻ List of other projects used by the project.
 - ✻ A specification of dependencies between packages and projects.



New Metacello chapter!!!

My proposal?

My proposal?

Throw away Metacello?



My proposal?

Throw away Metacello?



No, quite the opposite!



A young woman with long blonde hair, wearing a white dress, is standing in shallow water and playing a cello. Behind her is a large, cascading waterfall. The scene is outdoors and appears to be a natural setting. The text is overlaid on the lower half of the image.

**Bringing Metacello usage to the
next level: building your *own*
Pharo images**

EXAMPLE

Type of software	Example	Operations
I develop or contribute	Fuel, DBXTalk, Marea and CogVM	<ul style="list-style-type: none">- Build image- Just load
External tools or addons I use	Glamoroust, Keymapping, TilingWindowManager, etc	Install them when building my images

SHOWTIME



I think that **in the future** we will all end up having our own local CI server building and testing our images.



But I had already got access to the DeLorean...



CONCLUSION 1

ConfigurationOfSeaside

ConfigurationOfDBXTalk

ConfigurationOfFuel

ConfigurationOfMoose

ConfigurationOfSeaside

ConfigurationOfDBXTalk

ConfigurationOfFuel

ConfigurationOfMoose

Software Individuals

CONCLUSION 1

ConfigurationOfSeaside

ConfigurationOfMariano

ConfigurationOfJuanito

ConfigurationOfDBXTalk

ConfigurationOfDavid

ConfigurationOfFuel

ConfigurationOfMoose

Software
Individuals
Companies

CONCLUSION 1

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CONCLUSION 1

ConfigurationOfSeaside

ConfigurationOf10Pines

ConfigurationOfMariano

ConfigurationOfJuanito

ConfigurationOfDBXTalk

ConfigurationOfSmallworks

ConfigurationOfDavid

ConfigurationOfFuel

ConfigurationOf2Denker

ConfigurationOfMoose

Software
Individuals
Companies
University

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ConfigurationOfSmallworks

ConfigurationOfDavid

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ConfigurationOfPdP

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ConfigurationOfUBA-Algo3

ConfigurationOfFuel

ConfigurationOf2Denker

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Research groups

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CONCLUSION 1

ConfigurationOfRMOD

ConfigurationOfSeaside

ConfigurationOf10Pines

ConfigurationOfMariano

ConfigurationOfJuanito

ConfigurationOfDBXTalk

ConfigurationOfUNQ

ConfigurationOfSmallworks

ConfigurationOfPdP

ConfigurationOfDavid

ConfigurationOfUBA-Algo3

ConfigurationOfEMD

ConfigurationOfFuel

ConfigurationOf2Denker

ConfigurationOfMoose

CONCLUSION 2

Not only use Metacello to **load** projects but also to **build** your own images

FORK ME!

(IT IS MIT LICENSE)

```
Gofer new  
  squeaksource: 'MarianoPhD';  
  package: 'MarianoBuilder';  
load.
```

But change it and adapt it for your OWN needs

Thanks

Mariano Martinez Peck
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<http://marianopeck.wordpress.com/>

