Building your *own* Pharo images with Metacello

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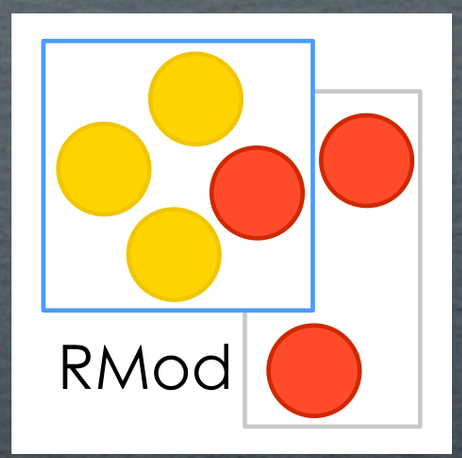

Motivations 1

To help Pharo community:

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

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BLEEDING-EDGE NINJA FIGHTER

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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.
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- I am, most of the times, working in several projects at the same time.

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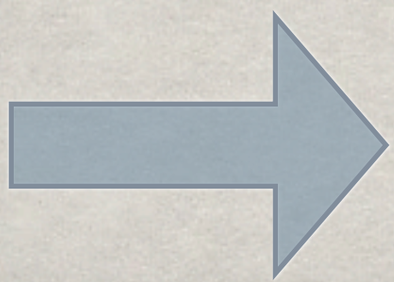

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+

+

- I am lazy.

+

- I don't like losing time with this.

+

- My memory is bad.

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!

Friday, November 4, 2011

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	- Build image - Just load
External tools or addons I use	Glamoroust, Keymapping, TilingWindowManager, etc	Install them when building my images

Showtime

Friday, November 4, 2011

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

Software

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ConfigurationOfSeaside

ConfigurationOfDBXTalk

ConfigurationOfFuel

ConfigurationOfMoose

Conclusion 1

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Individuals

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ConfigurationOfDBXTalk

ConfigurationOfSmallworks

ConfigurationOfDavid

ConfigurationOfFuel

ConfigurationOf2Denker

ConfigurationOfMoose

Conclusion 1

Software

Individuals

Companies

University

ConfigurationOfSeaside

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ConfigurationOfSmallworks

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ConfigurationOfRMOD
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ConfigurationOfDBXTalk
ConfigurationOfUNQ
ConfigurationOfSmallworks
ConfigurationOfPdP
ConfigurationOfDavid
ConfigurationOfUBA-Algo3
ConfigurationOfEMD
ConfigurationOfFuel
ConfigurationOf2Denker
ConfigurationOfMoose

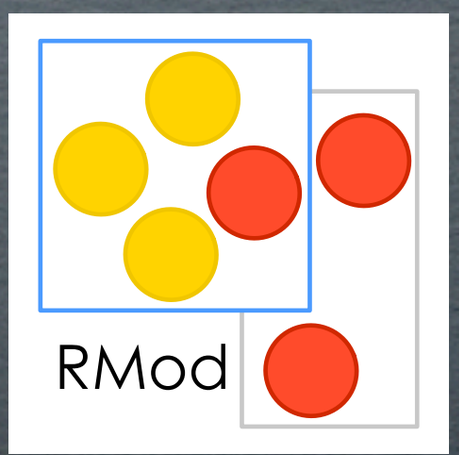
Conclusion 2

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

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