Pharo MOOC errata

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Contents

1 Pharo MOOC errata

1.1 Week 4: Exo-ContactManager.pdf

- Page 6, section 1.2: "Let us define a first simple component" -> "Let us define first a simple component"

- Page 11

```
Contact >> gravatarUrl
    ^ 'http://www.gravatar.com/avatar/', (MD5 hashMessage: email
        trimBoth asLowercase) hex, '.jpg'
```

email is a WAEmailAddress and does not understand trimBoth. We need to convert it to String (with email asString) before trimming it.

- Page 13, WAContactBook » renderContact: aContact on: html needs an additional] at the end of the method.

- Page 13,

```
WAComponent subclass: #WAContact
    instanceVariableNames: 'contact
    classVariableNames: ''
    package: 'ContactBook'
```

(the instanceVariableNames needs a closing quote)

- Page 14

```
WAContact >> renderContentOn: html
    html tbsContainer: [
        html heading with: Contact Editing'.
        html tbsForm with: [
            self renderFieldsOn: html ] ]
```

(the heading needs a starting quote)

- Page 15

```
WAContact >> renderEmailFieldOn: html
    html tbsFormGroup: [
        html label: 'Email'.
```

```
html emailInput
    tbsFormControl;
    placeholder: 'your@email.eu';
    callback: [ :email | self contact email: email address ];
    value: (self contact email ifNil: '') ]
```

(self contact email: email address -> (self contact email: value)

- Page 19: Minor typo: `WAContact` probably should be `WAContact` to be formatted accordingly.

1.2   Week 5

1.2.1   Video 5.3: Common errors.

- Slide at 2:14. "longuest" -> "longest".

1.2.2   Video 5.4: Powerful Exceptions: an Overview

- Slide at 4:02. First bullet needs an ending parethesis.

- Slide a 6:09. The variable should be "exceptionSet", not "exceptionSets", since it represents only one set.

- Slide at 8:04. "Within an handler" -> "Within a handler".

1.2.3   Video 5.5: Debugging in Pharo

- Maybe it should mention also breakpoints that don't need changing the target source code?

1.2.4   Video 5.6: SUnit

- Slide at 6:26. In the graphs at the bottom, "#setU" -> "#setUp", "#tearDo" -> "#tearDown"

- At 9:36, the tests should not be always be true. If we advocate for TDD practice, they start failing, and that's the point.

- Slide at 09:57, "There exists" -> "There exist".

1.2.5 Quiz 26

It didn't work the first time. The page was blank (the questions didn't show up, but the horizontal lines separating them did). The discussion didn't work either. Refreshing the page did the trick.

- Question 5.6.2

I think using the expression "automated test" here is confusing. It's more like a "runnable test". Anyway, the question seems to focus on "automated", and should focus on "test" instead.

1.2.6 Discussion for 5.6

I'm not sure it works. I can only see the "Show/Hide Discussion", the "New Post" button, a "1" below it, but everything else is blank.

1.2.7 Video 5.8

- Slide at 0:20. "the ability for a program to" -> "the ability of a program to".

- Slide at 0:32. I think "i.e." is not correct here. It should be "For example". AFAIK, "i.e." is for illustrating the point with different words, not for examples. See `http://theoatmeal.com/comics/ie`

- Slide at 1:12. The quote should be formatted differently, and include the whole name of the author. We cannot find out who Maes'87 refers to since there's no reference at the end. Either way, it doesn't make sense to include one in this context.

- Speaker at 5:20 says he's browsing all implementors of "hashtag", but he's browsing all implementors of ",". Maybe it happens in the english traslation, since everything else is correct.

1.2.8 Exercises: TinyBlog

- Page 2, Section 1.2, "vairables" -> "variables"

- Page 3, Section 1.3, I think the correct term is "authentication" instead of "authentification".

- Page 5, in `TBAuthentificationComponent » renderButtonsOn:`, if the user press "Enter", the login gets canceled, which is confusing. I fixed it by reversing the order in which the buttons are defined.

- Page 7, "fonctionalities" -> "functionalities". "For modularity purpose, we create a Seaside component for the report." -> "Modularity mandates us to create a Seaside component for the report.".

- Page 8, "allBlogs" variable should be renamed to "allPosts".

- Page 9, "columns order is not fixed" -> "column order is not fixed".

- Page 10, "This is done during the report creation and we modify the report to have access

to the blog." -> "This is done when the report is created and therefore it needs access to the blog."

- Page 11, the `TBPostsReport class»from:` method fails if there are no posts, when it calls `blogPosts anyOne`. I fixed it like this:

```
TBPostsReport class>>from: aBlog
  | report allPosts samplePost description |
  allPosts := aBlog allBlogPosts.
  samplePost :=
    aBlog allBlogPosts ifEmpty: [ TBBlog new ] ifNotEmpty: [ :c | c anyOne ].
  description := self filteredDescriptionsFrom: samplePost.
  report := self rows: allPosts description: description.
  [..]
```

- Page 13 and Page 14, extra space before the question mark in "Do you want to remove this post ?".

- Page 17, "if the user is not already connected." -> "if the user has not already logged in."

- Page 17, if the link in TBAdminComponent is "Public Area", the link in TBPostsListComponent should be "Private Area", and not "Private area".

- Page 17, `self session isLogged` should be `self session logged`.

- Page 18, is the "self initialize" comment on `TBApplicationRootComponent class » initialize` correct?

1.2.9 Exercises: TinyChat

- Page 6, in `TCServer` » `registerRoutes` the POST route should be associated to /**messages** instead of /**messages**/**add** to be fully RESTful. The verb is already in the HTTP method.

- Page 7, the parameter in `TCServer` » `messagesFrom:` should be "aRequest" instead of "request", in accordance to `TCServer»addMessage:` just above it.

- Page 9, `TinyChat` should be in `TinyChat-Client` package instead of `TinyChat-client`.

1.3 Week 6

- W6S06: Minor suggestion in slide 3. "The virtual machine transforms dynamically bytecodes to assembly" -> "The virtual machine dynamically transforms bytecodes to assembly"

- W6S07:

In slide 6, "L"eclair au chocolat' at: 3', the L doesn't have the same color as before. In slide 10, "intermediary strings" should be "intermediate strings". See `https://english.stackexchange.com/questions/315843/what-is-the-difference-between-i`

1.4 Week 7

- W7S07: 40 seconds with no sound or video at the end of the video.

2 Magritte booklet errata

2.1 1.2 First example

- The class should be either `Address` or `MAAddress`. Currently, the magritte description methods are defined in `MAAddresss`, but the class is created as `Address`, and the examples use `Address` as well.

- I missed a simple method to register the application in Seaside:

```
MyContactAddress class>>initialize
    WAAdmin register: self asApplicationAt: 'MyContactAddress'.


MyContactAddress class>>canBeRoot
    ^ true
```

2.2   1.4 Exceptions

"Since actions on the meta-model can fail." -> "Actions on the meta-model can fail.".

2.3   1.5 Adding Validation

There are several references to "mementos" but they're not actually described. The "Multiple Field Validation" refers to a `startDate` instance variable that seems to be introduced elsewhere. If we added it in the first place, we wouldn't need to refer to different contexts, making this booklet and its the source code self-contained.

2.4   1.7 Custom Views

". shows some components." probably means "Figure 1.11 shows some components".

2.5   2.1 Getting Started

- page 18, "`http://-local-host:8080/examples/-counter`" -> "`http://localhost:8080/examples/counter`".

2.6   2.2 Juggle with Descriptions

I installed Magritte-Contact-Manager from Catalog, and I didn't see any Seaside component. `http://localhost:8080/personeditor` returned a 404.