

zope-cookbook.org

Tarek Ziadé, Nuxeo
tz@nuxeo.com



Who am i

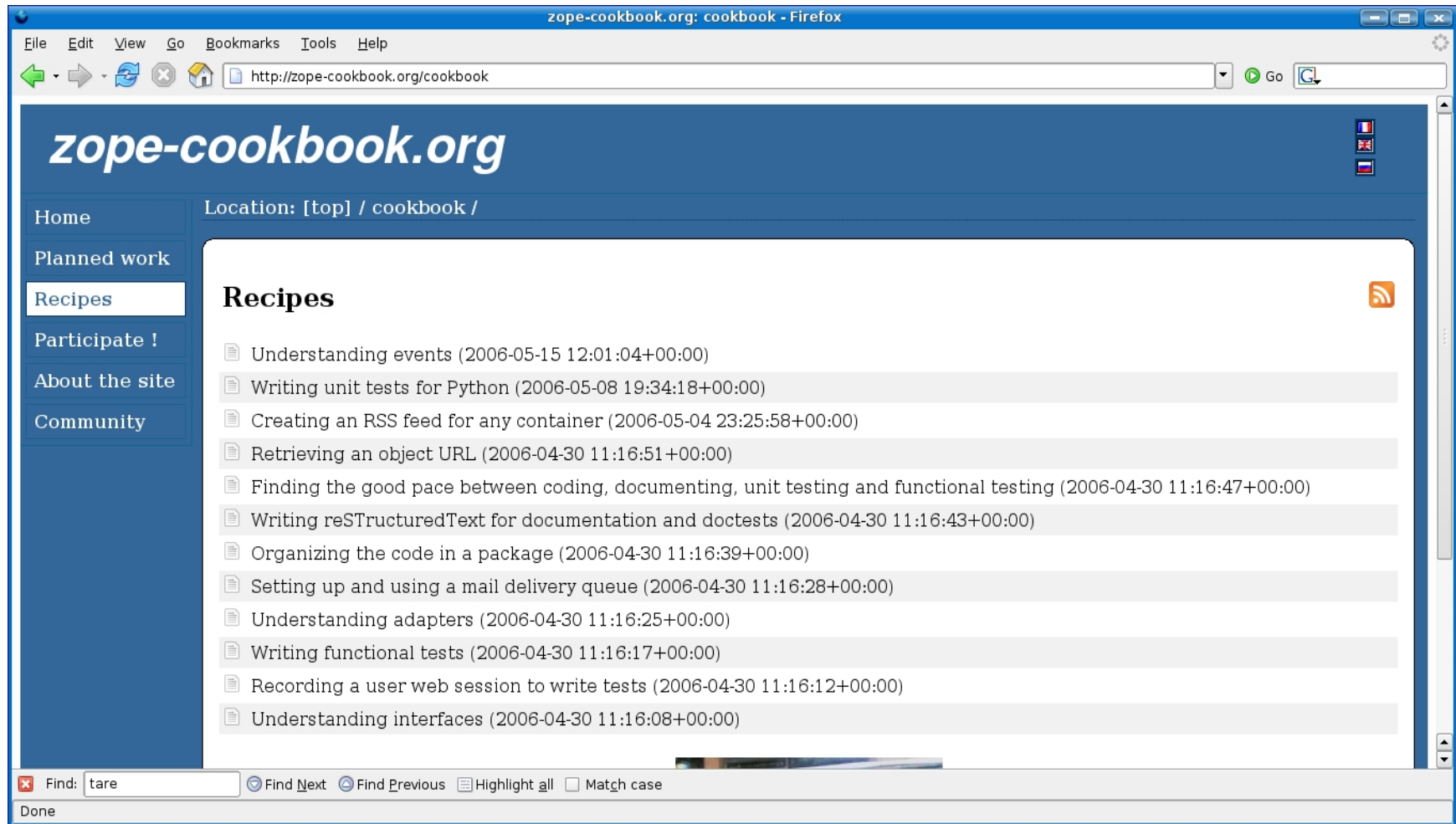
- I am engineer at Nuxeo
- I work on CPS, the famous ECM Platform ;)
- We use Zope 3 technology
- Unlike most developers I love to write doc.



What is zope-cookbook.org ?



A website gathering recipes for Zope 3



What is Zope 3 ?

- ✓ A complete rewrite of Zope 2 popular web app server
- ✓ Based on a component architecture
- ✓ Provides an interface package for that
- ✓ Fast moving technology
- ✓ See incoming talks about Zope 3 in the Web track



Why zope-cookbook.org ?

- ✓ A lack of Zope 3 on line literature
- ✓ Almost nothing exists in other language than English
- ✓ To complete Zope's own documentation which is rich, but module-oriented
- ✓ To answer to simple developer questions:
 - ✓ How do I implement a RSS feed ?
 - ✓ How do I organize code in a Zope 3 package
 - ✓ etc..



What are zope-cookbook.org challenges ?

- ✓ To be written in several languages
 - ✓ French
 - ✓ English
 - ✓ Russian (planned)
 - ✓ Chinese (planned)
 - ✓ Spanish (planned)
- ✓ To be up-to-date with Zope 3 releases
- ✓ To receive feedback from the community, and get improved



zope-cookbook.org needs
therefore to be agile



Agile documentation main principles (Rüping 2003)

- ✓ “Light but sufficient” approach of writing documentation
- ✓ Perfectly targeted readership
- ✓ Focused information
- ✓ A well-defined structure for documents
- ✓ Realistic examples
- ✓ Clear document landscape, for both readers and writers
- ✓ Separation of content and layout
- ✓ Continuous documentation
- ✓ Review culture

Agile documentation main principles

- ✓ “Light but sufficient” approach of writing documentation
 - ✓ Don't write a document just for the sake of it
 - ✓ A document answers a problem in a concise and precise way, nothing else
 - ✓ Light documentation are easier to read, easier to maintain



Agile documentation main principles

- ✓ Perfectly targeted readership



Guess who's the target in zope-cookbook.org ?

Agile documentation main principles

- ✓ **Focused information**
 - ✓ A document has to focus on one and only one topic
 - ✓ A single sentence could resume the document
 - ✓ A structure guideline for documents helps on this (next point)

Agile documentation main principles

- ✓ **A well-defined structure for documents**
 - ✓ define a document template for each document types
 - ✓ helps a lot writers
 - ✓ calibrates the way readers uses the material



Agile documentation main principles

- ✓ **Realistic examples**
 - ✓ Each document should come with realistic examples
 - ✓ A realistic example
 - ✓ fully illustrates the topic
 - ✓ is reusable as-is in the real world
 - ✓ helps the unexperimented reader to understand



Agile documentation main principles

- ✓ Clear document landscape, for both readers and writers
 - ✓ Any reader or writer should be able to get a good overview of existing documentation.
 - ✓ The landscape must:
 - ✓ organize documents in structures and provide a view of it
 - ✓ use and present existing relations between documents

Agile documentation main principles

- ✓ Separation of content and layout
 - ✓ A document content should be separated from its layout
 - ✓ One content can be represented by several layouts
 - ✓ A writer focuses on content
 - ✓ A reader uses one given layout

Agile documentation main principles

- ✓ **Continuous documentation**
 - ✓ The documentation must follow the project state
 - ✓ Documentation releases must be synchronize with project releases
 - ✓ Each document must clearly specify for which version of the project it's intended



Agile documentation main principles

- ✓ **Review culture**
 - ✓ Readers should be able to provide feedback, to enhance quality
 - ✓ Writers can review other writers doc, for an homogeneous level of quality
 - ✓ Documentation can reveal issues in the project, and enhance it as well

Let's apply this on zope-cookbook.org



Agile documentation applied on zope-cookbook.org

- ✓ “Light but sufficient” approach of writing documentation
 - ✓ Each recipe is limited to 5 pages max
 - ✓ One topic per recipe, no more



Agile documentation applied on zope-cookbook.org

- ✓ Perfectly targeted readership



It's him !

Let's use his language and culture in the recipes

Agile documentation applied on zope-cookbook.org

- ✓ Focused information
 - ✓ Each Recipe comes with a sharp title that looks like a Google search:
 - ✓ “Understanding events”
 - ✓ “Writing unit tests for Python”
 - ✓ “Creating an RSS feed for any container”



Agile documentation applied on zope-cookbook.org

- ✓ A well-defined structure for documents
- ✓ Recipes has a title and two sections:
 - ✓ *A problem*, composed of 2 or 3 sentences describing the problem to solve
 - ✓ *A solution*, composed of sections and subsections



Agile documentation applied on zope-cookbook.org

- ✓ **Realistic examples**
 - ✓ Recipes are alternation of text and doctests
 - ✓ Most of the doctests could be used as-is in projects

Agile documentation applied on zope-cookbook.org

- ✓ Clear document landscape, for both readers and writers
 - ✓ An index lists all recipes and for each of them its status for each language
 - ✓ “finished”
 - ✓ “being translated”
 - ✓ “being written”
 - ✓ A page shows the writing progression
 - ✓ A page lists all finished recipes



Agile documentation applied on zope-cookbook.org

- ✓ Separation of content and layout
 - ✓ Recipes are LaTeX files
 - ✓ The website provides
 - ✓ HTML views of Recipes
 - ✓ RSS Feeds
 - ✓ PDF rendering (in progress)



Agile documentation applied on zope-cookbook.org

- ✓ Continuous documentation
 - ✓ Recipes doctests can be executed by Zope testing tools
 - ✓ Recipe comes with Zope version
 - ✓ Recipes for the latest Zope release are displayed on the website, but the subversion repository can have tags and branches like Zope



Agile documentation applied on zope-cookbook.org

- ✓ Review culture
 - ✓ Recipes can be commented
 - ✓ Writers can modify other recipes from the svn



ALLEMAGNE	2	mar 04/07
ITALIE	1	21h
mar 04/07 - Dortmund (Westfalenstadion)		

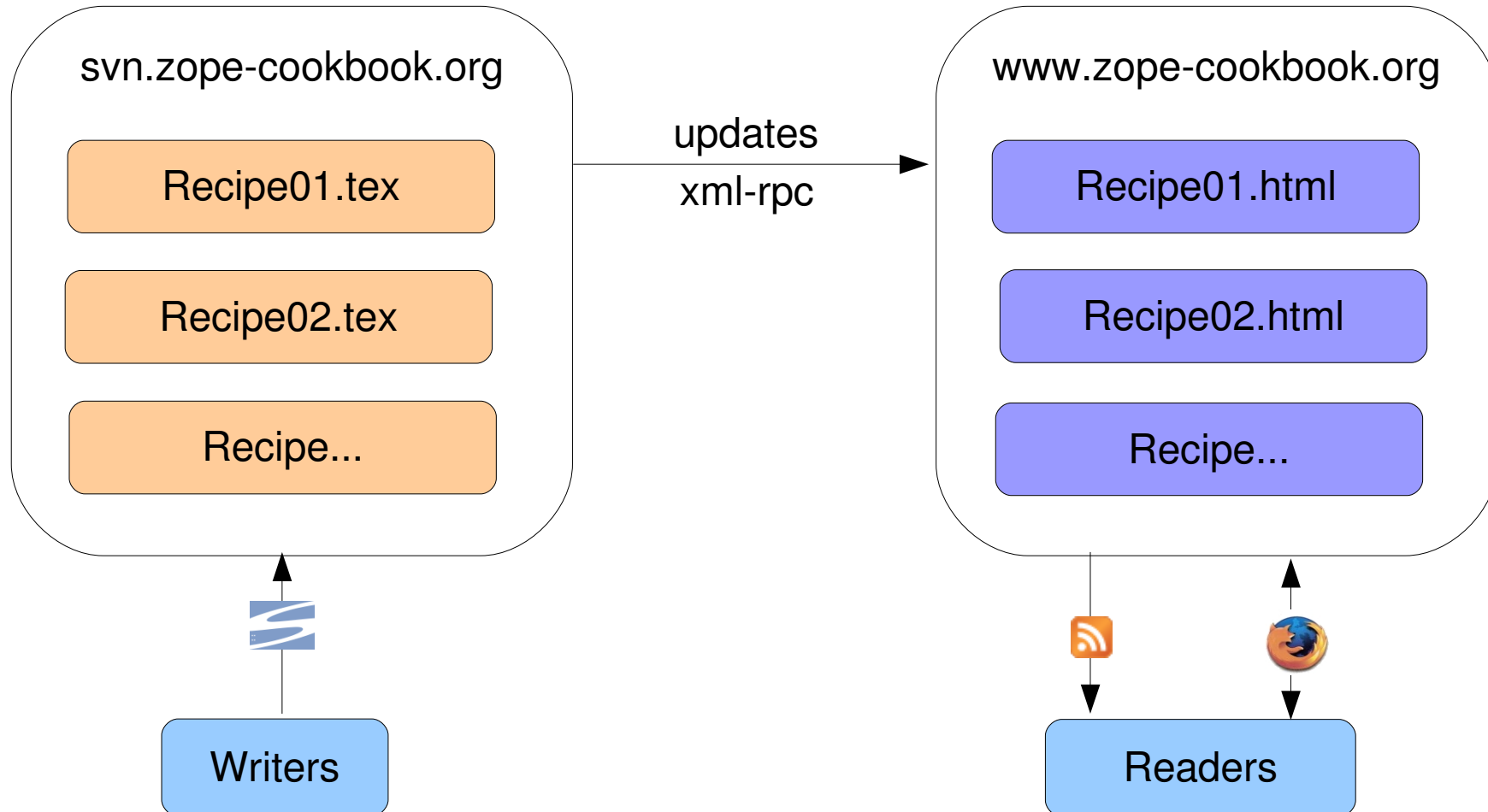
Finale

ALLEMAGNE	0	dim 09/07
FRANCE	1	20h
dim 09/07 - Berlin (Olympia Stadion)		

PORTUGAL	0	mer 05/07
FRANCE	2	21h
mer 05/07 - Munich (Allianz-Arena)		



Project architecture overview



Project status

- ✓ About 100 recipes planned
- ✓ 10% written in English and French, for Zope 3.2
- ✓ Spanish, Chinese and Russian translations planned
- ✓ 4-5 writers are involved in the project at this time



Website demo



Join the project !

- ✓ Mailing List: <http://lists.zope-cookbook.org>
- ✓ SVN: <http://svn.zope-cookbook.org/>

