

# **World Wide Apps**

Collaborative  
Open Source Web Applications

codebits 2008

# What?

- Similar to what wikipedia was for knowledge on paper.
- Possibility to change and test code on the fly.
- Instant satisfaction.
- Avoid massive IDE's ( the textarea is enough! ).
- Fast organic growth!

# Examples

(to avoid!)

### Download

- [Download Zope](#)
- [Zope Products](#)
- [Zope CMF](#)

### Resources

- [Report Bugs](#)
- [Mailing Lists](#)
- [User Groups](#)
- [License](#)

### Documentation

- [Zope2 Wiki](#)
- [Zope3 Wiki](#)
- [The Zope Book](#)
- [API reference](#)
- [ZPT reference](#)
- [Developer Guide](#)
- [CMF Documentation](#)
- [Zope How-Tos](#)

### About Zope

- [What Is Zope?](#)
- [Zope Powered Sites](#)
- [About Zope.org](#)
- [Member FAQ](#)

### Zope Foundation

### Business

- [Zope Corporation](#)
- [Solution Providers](#)

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<tal:block tal:define="
  ids python: list(here.objectIds());
  has_local_page python: 'local_page_html' in ids">
<tal:block tal:condition="has_local_page" tal:replace="structure here/local_page_html" />
<tal:block tal:condition="not:has_local_page">
<html metal:use-macro="here/main_template/macros/master">
<body>
<div metal:fill-slot="main">
<span tal:condition="python: 'index.html' in ids"
  tal:replace="here/index.html/CookedBody|nothing" />
<span metal:use-macro="here/local_html/macros/body|default">
  Locally defined HTML
</span>
<table tal:condition="python: 'local_html' not in ids"
  tal:define="items python: here.contentItems();
             sort_items python: items.sort();
             values python: [v for k, v in items]">
<tr tal:repeat="item values">
<td colspan="2"><a href="item_url"
  tal:attributes="href item/absolute_url"
  tal:content="item/title_or_id|nothing"
  class="bTitle">Title</a><br />
<span tal:content="item/Description|nothing">Description</span>
</td>
</tr>
</table>
```



## Our source is open

The syntax highlighted source is automatically generated by PHP from the plaintext script. If you're interested in what's behind the several functions we used, you can always take a look at the source of the following files:

- prepend.inc
- site.inc
- mirrors.inc
- countries.inc
- languages.inc
- langchooser.inc
- ip-to-country.inc
- layout.inc
- last\_updated.inc
- shared-manual.inc
- manual-lookup.inc

Of course, if you want to see the [source of this page](#), we have it available. You can also browse the CVS repository for this website on [cvs.php.net](#).

## Source of: /downloads.php

```
<?php // vim: et
// $Id: downloads.php,v 1.284 2008/01/11 11:28:57 bject Exp $
$_SERVER['BASE_PAGE'] = 'downloads.php';
include_once $_SERVER['DOCUMENT_ROOT'] . '/include/prepend.inc';
include_once $_SERVER['DOCUMENT_ROOT'] . '/include/version.inc';

// Try to make this page non-cached
header_nocache();

$SIDEBAR_DATA = '
<h3>Binaries for other systems</h3>
<p>
  We do not distribute UNIX/Linux binaries. Most Linux
  distributions come with PHP these days, so if you do
  not want to compile your own, go to your distribution\'s
  download site. Binaries available on external servers:
</p>
<ul class="toc">
  <li><a href="http://publib-b.boulder.ibm.com/Redbooks.nsf/RedpieceAbstracts/redp363">IBM AIX</a></li>
  <li><a href="http://www.entropy.ch/software/macosx/php/">Mac OS X</a></li>
  <li><a href="http://developer.novell.com/wiki/index.php/PHP_for_NetWare">Novell NetWare</a></li>
  <li><a href="http://smedley.info/os2ports/">OS/2</a></li>
  <li><a href="http://www.cp15.org/php/">RISC OS</a></li>
  <li><a href="http://freeware.sgi.com/index-by-alpha.html#php">SGI IRIX 6.5.x</a></li>
  <li>Solaris (<a href="http://sunfreeware.com/programlistsparc10.html#php">SPARC</a>)
```

## SCM Repositories - [filezilla](#)

[Parent Directory](#) | [Revision Log](#)

Revision **1.7** - ([download](#)) ([as text](#)) ([annotate](#))

Sat Apr 30 20:33:01 2005 UTC (3 years, 6 months ago) by *botg*

Branch: **MAIN**

CVS Tags: **HEAD**

Changes since **1.6**: **+1 -1 lines**

Applied patch #1186746: Typo

```
1 <html>
2
3 <head>
4 <title>Quick Guide</title>
5 <link rel="stylesheet" type="text/css" href="filezilla.css">
6 </head>
7
8 <body>
9
10 <p align="center" class="PageCaption">Quick Guide</p>
11 <p align="left" class="bodyText">This guide gives you a short overview on how to
12 use FileZilla. By default you don't have to configure FileZilla, so you can
13 start directly working with the program.</p>
14 <p align="left" class="SmallCaption">1. Connecting to an FTP server</p>
```

# Why?

- Till now we've had:
    - Static Content
    - Dynamic Content
    - Dynamic Content + Static Layout
    - Dynamic Layout + Content
    - Dynamic Layout + Content + Static logic
- => Now it's time for dynamic all the way!

# How?

- It doesn't matter. You just have to make it easy for your users.

⇒ But there are favorites!

⇒ Interpreted languages ( python, perl, php )

⇒ Massively deployed langs ( javascript )

⇒ Replication / Synchronization / Online-Offline Support / Versioning ( couchdb )

Main Idea:

**Enable the  
“edit source”  
everywhere!**

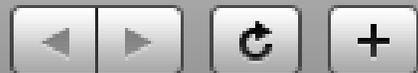
**Are you  
afraid of  
showing your  
source code?**

**:-)**

# Quick Tour

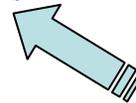
( please be kind, this was  
hacked in one morning... )

File Edit View History Bookmarks Develop Window Help

 <http://wwapps.net:8080/>

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[home](#) | [view source](#) | [edit source](#) | SId: index.py,v 1.9 2008/11/15 09:19:35 nbk Exp \$



# World Wide Apps

[Calculator](#)

[Currency Converter](#)

[Configuration](#)

# Edit

Filename: /www/index.py

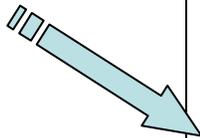
```
#!/usr/bin/python
__revision__ = '$Id: index.py,v 1.9 2008/11/15 09:19:35 nbk Exp $'
import html_utils
def index( req ):
    req.__revision__ = __revision__
    html_utils._header( req )
    req.write( '<h1>World Wide Apps</h1>' )
    req.write( '<a href="calc.py">Calculator</a> <br/>' )
    req.write( '<a href="currency.html">Currency Converter</a> <br/>' )
    req.write( '<a href="rfid_tracking.html">RFID Tracker</a> <br/>' )
    req.write( '<br/>' )
    req.write( '<a href="config.py">Configuration</a> <br/>' )
    html_utils._footer( req )
```

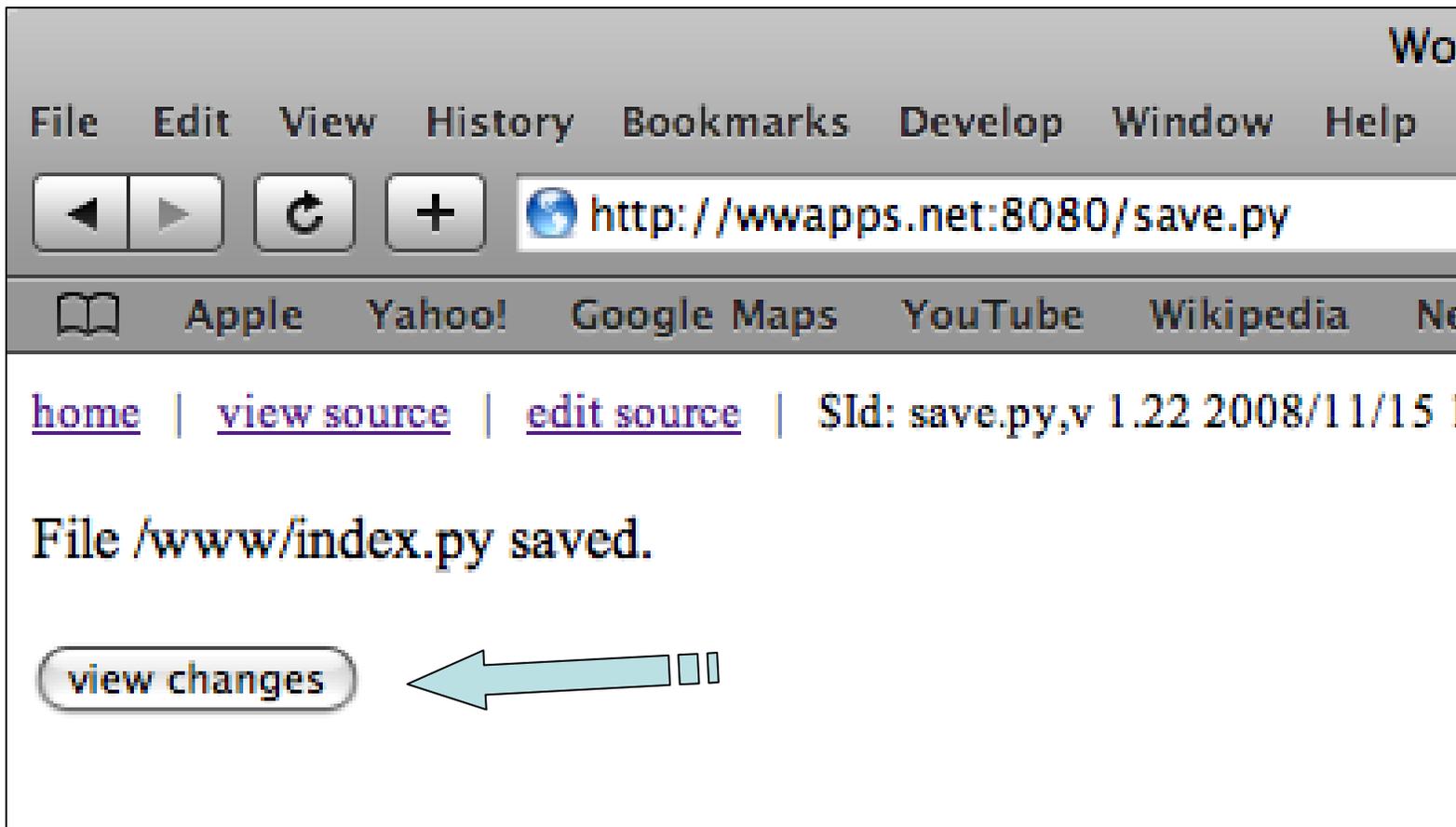
## Message:

added RFID tracker on homepage

save

cancel



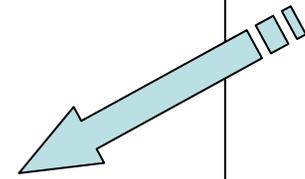


## View

Filename: /www/index.py

Revision: 1.9

Changes: 1.12 2008/11/15 12:37:58 nbk added codebits word ([view](#))  
1.11 2008/11/15 12:36:17 nbk minor language change ([view](#))  
1.10 2008/11/15 12:29:37 nbk added RFID tracker on homepage ([view](#))  
1.9 2008/11/15 09:19:35 nbk added config link  
1.8 2008/11/15 08:02:33 nbk changed py to html  
1.7 2008/11/15 07:47:31 nbk added currency application  
1.6 2008/11/15 07:46:05 nbk removed  
1.5 2008/11/15 07:45:37 nbk added currency converter  
1.4 2008/11/15 06:25:14 nbk remove extrta blank line  
1.3 2008/11/15 06:12:45 nbk added calculator link  
1.2 2008/11/15 04:00:31 nbk fixed rcs strings  
1.1 2008/11/15 03:54:52 nbk initial www content



```
#!/usr/bin/python
__revision__ = '$Id: index.py,v 1.9 2008/11/15 09:19:35 nbk Exp $'
import html_utils
```

## 1.1 2008/11/15 03:54:52 nbk initial www content

```
#!/usr/bin/python

__revision__ = '$Id: index.py,v 1.12 2008/11/15 12:37:58 nbk Exp $'

import html_utils

def index( req ):

    req.__revision__ = __revision__

    html_utils._header( req )

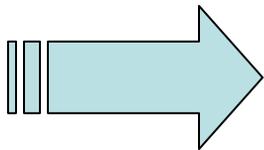
    req.write( '<h1>World Wide Apps</h1>' )
    req.write( '<a href="calc.py">Calculator</a><br/>' )
    req.write( '<a href="currency.html">Currency Converter</a><br/>' )
    req.write( '<a href="rfid_tracking.html">CodeBits RFID Tracking</a><br/>' )
    req.write( '<br/>' )
    req.write( '<a href="config.py">Configuration</a><br/>' )

    html_utils._footer( req )
```

edit

deploy





World Wide Apps

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◀ ▶ ↻ + <http://wwapps.net:8080/edit.py?file=%2Fwww%2Findex.py&>

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## Deploy

File /www/index.py deployed.

World

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# World Wide Apps

[Calculator](#)  
[Currency Converter](#)  
[CodeBits RFID Tracking](#) ←  
[Configuration](#)

World Wide

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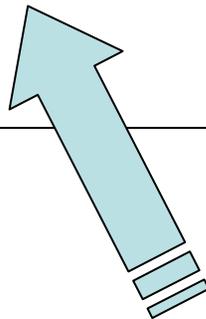
◀ ▶ ↻ + [http://wwapps.net:8080/rfid\\_tracking.html](http://wwapps.net:8080/rfid_tracking.html)

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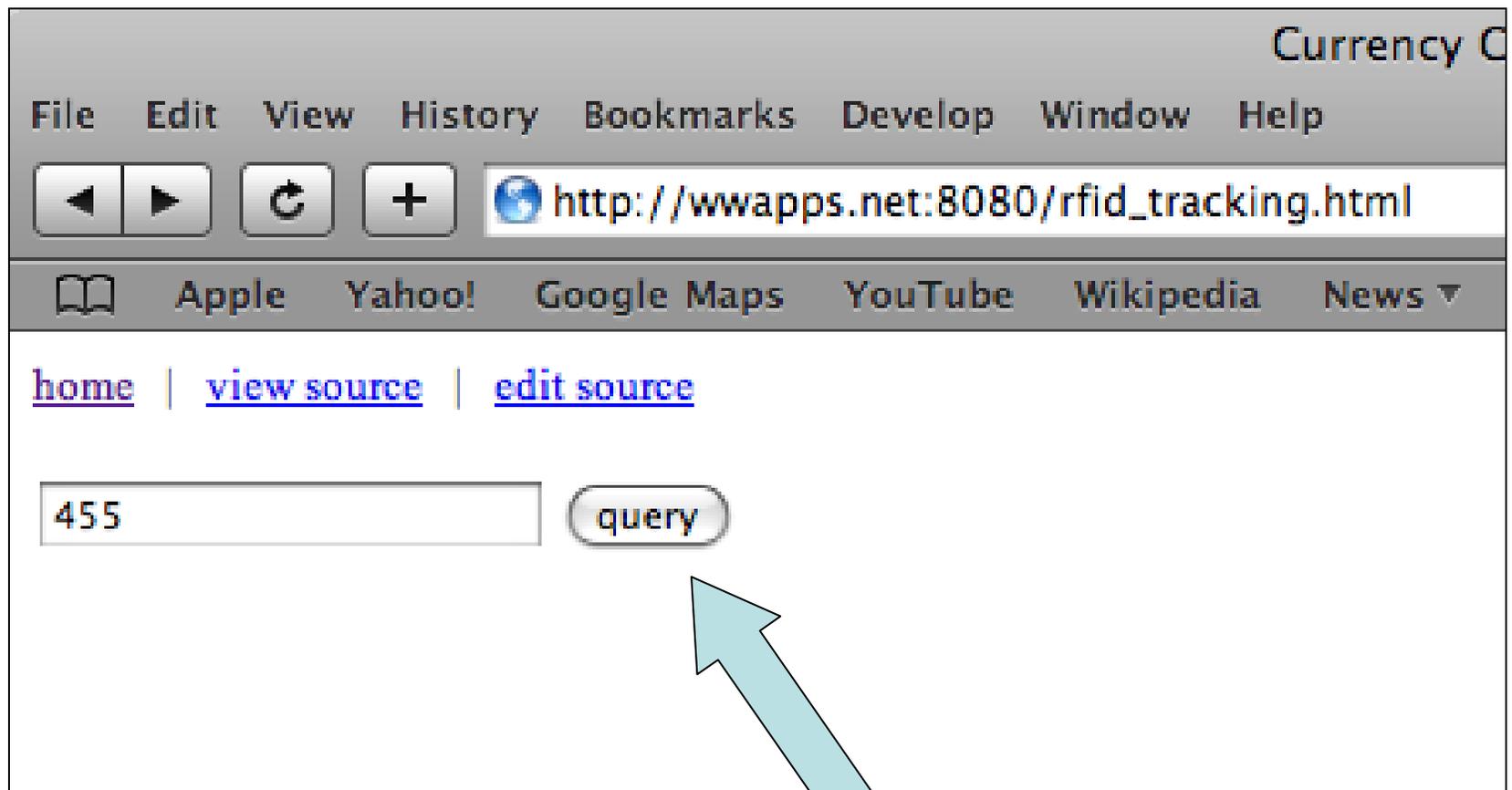
[home](#) | [view source](#) | [edit source](#) | Sid edit.py,v 1.0 2008/11/15 12:12:12 nb

# Create

Do you want to create `"/rfid_tracking.html"`?







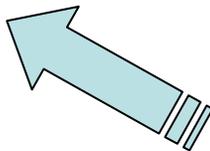
File Edit View History Bookmarks Develop Window Help

◀ ▶ ↻ +  http://wwapps.net:8080/rfid\_tracking.py?id=455&query=query

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# Create



Do you want to create "/rfid\_tracking.py?id=455&query=query"?

## Edit

Filename: /www/create.py

```
req.write( '<input type="hidden" name="file" value="" + req.document_root() + newname + "/>' )
req.write( '<input type="submit" name="create" value="yes"/>' )
req.write( '&nbsp;&nbsp;&nbsp;' )
req.write( '<input type="submit" name="create" value="no"/>' )
req.write( '&nbsp;&nbsp;&nbsp;' )
req.write( '<input type="submit" name="create" value="instead, just create me a folder"/>' )
req.write( '</form>' )

html_utils._footer( req )

def _getname( s ):
    # example: GET /calc.py HTTP/1.1
    return s.split( ' ' )[ 1 ].split( '?' )[ 0 ]

def new( req ):
    req.__revision__ = __revision__

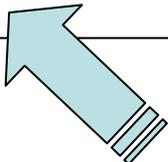
    fname = req.form.get( "file", "" )
```

Message:

split after split... spaghetti happiness

save

cancel



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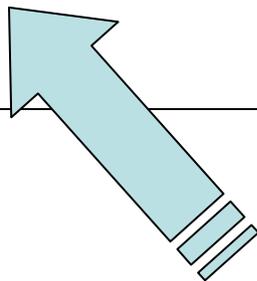
 [http://wwapps.net:8080/rfid\\_tracking.py?id=455&query=query](http://wwapps.net:8080/rfid_tracking.py?id=455&query=query)



[home](#) | [view source](#) | [edit source](#) | \$Id edit.py,v 1.0 2008/11/15 12:12:12 nbk Exp \$

## Create

Do you want to create "/rfid\_tracking.py"?



# Edit

Filename: /www/rfid\_tracking.py

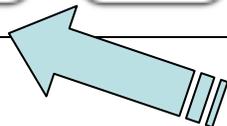
```
__revision__ = '$Id rfid_tracking.py,v 1.0 2008/11/15 12:12:12 nbk Exp $'  
  
import html_utils  
import urllib  
  
def index( req ):  
  
    req.__revision__ = __revision__  
  
    html_utils._header( req )  
  
    id = req.form.get( 'id', " )  
  
    if id:  
  
        wurl = 'http://codebits.sapo.pt/op/getusermap/?u=' + id  
        req.write( urllib.urlopen( wurl ).read() )  
  
    html_utils._footer( req )
```

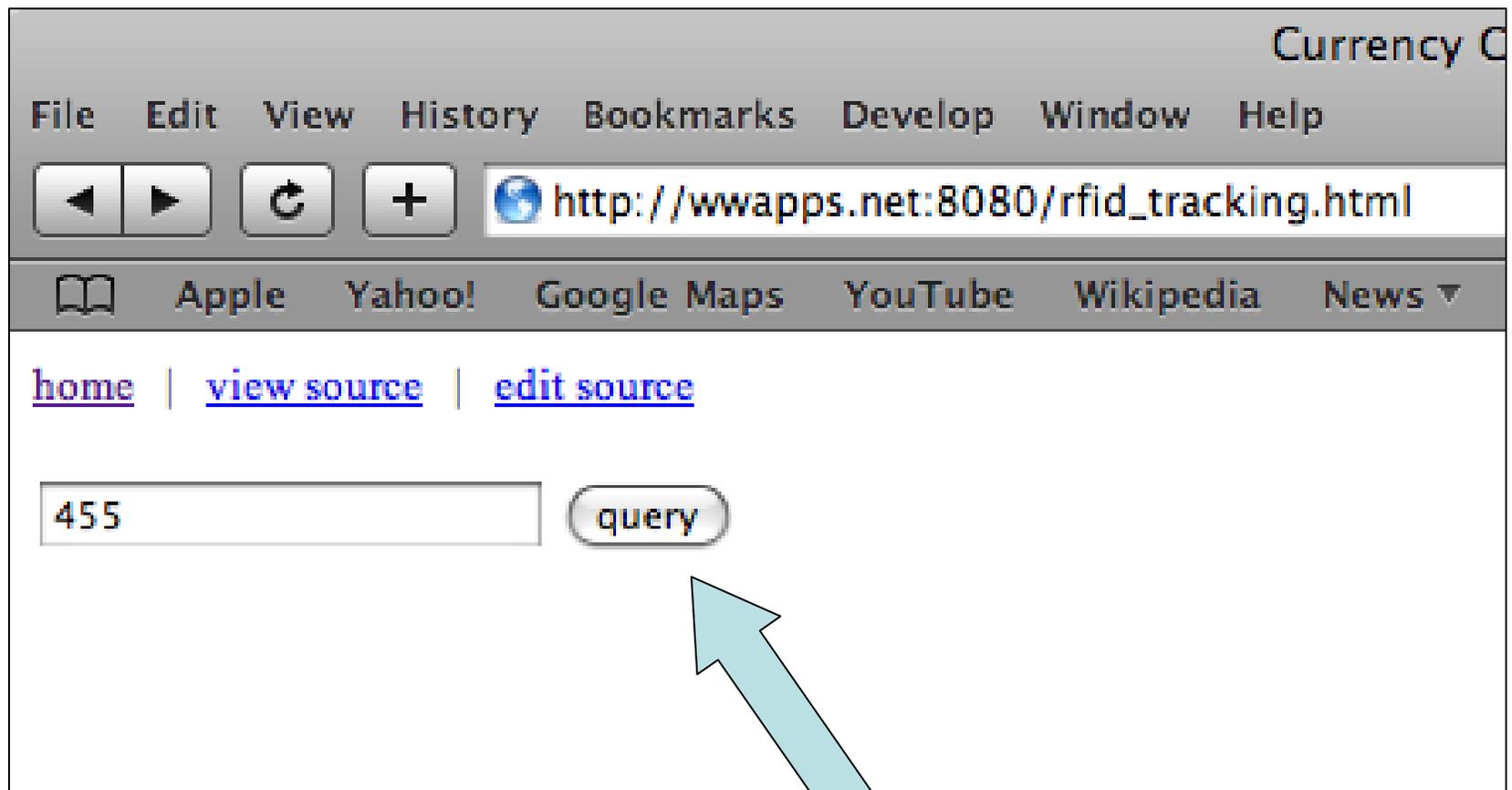
Message:

initial version

save

cancel





trying again...

World Wide Apps

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⏪ ⏩ ↺ + [http://wwapps.net:8080/rfid\\_tracking.py?id=455&query=query](http://wwapps.net:8080/rfid_tracking.py?id=455&query=query) 🔍

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World Wide Apps World Wide Apps

[home](#) | [view source](#) | [edit source](#) | SId rfid\_tracking.py,v 1.0 2008/11/15 12:12:12 nbk Exp S

```
<users>
  <user id='455' loc='8' locname='Palco 2' lastseen='2008-11-15 11:08:15'>
    <name>Nuno Simões</name>
    <gravatar>d41d8cd98f00b204e9800998ecf8427e</gravatar>
    <skills>l_api,l_cc,l_css,l_desktop,l_java,l_javascript,l_microformats,l_mobile,l_perl,
    <tagid>300000001AA1000100000560</tagid>
  </user>
</users>
```

Please note!

Code validation rules  
are up to you!

But the edit button  
must be there!

That's it!

<http://wwapps.net/>

nuno@varkala.net