Project: Build your own captcha service

**Stage 1: Querying**

import CaptchasDotNet

captchas = CaptchasDotNet.CaptchasDotNet (

client = 'demo',

secret = 'secret'#,

#alphabet = 'abcdefghkmnopqrstuvwxyz',

#letters = 6,

#width = 240,

#height = 80

)

# For HTML webpage

print 'Content-Type: text/html'

print

print '''

<html>

<head><title>Python CAPTCHA Query</title></head>

<h1>Python CAPTCHA Query</h1>

<form method="get" action="check.cgi">

<table>

<tr>

<td>

<input type="hidden" name="random" value="%s" />

Enter message:</td><td><input name="message" size="60" />

</td>

</tr>

<tr>

<td>

CAPTCHA password:

</td>

<td>

<input name="password" size="16" />

</td>

</tr>

<tr>

<td>

</td>

<td>

%s <br>

<a href="%s">Phonetic spelling (mp3)</a>

</td>

</tr>

<tr>

<td>

</td>

<td>

<input type="submit" value="Submit" />

</td>

</tr>

</table>

</form>

</html>

''' % (captchas.random (), captchas.image (), captchas.audio\_url ())

**Stage 2: Validating**

import CaptchasDotNet

import cgicaptchas = CaptchasDotNet.CaptchasDotNet (

client = 'demo',

secret = 'secret'#,

#alphabet = 'abcdefghkmnopqrstuvwxyz',

#letters = 6

)def get\_body ():

form = cgi.FieldStorage(keep\_blank\_values = True)

try:

message = form['message'].value

password = form['password'].value

random\_string = form['random'].value

except KeyError:

if not captchas.validate (random\_string):

return ('Every CAPTCHA can only be used once. The current '

+ 'CAPTCHA has already been used. Try again.')

# Check, that the right CAPTCHA password has been entered and

# return an error message otherwise.

if not captchas.verify (password):

return ('Wrong password. '

+ 'Please reload the page and try again.')

# Return a success message.

return ('Message is verified & entered by a human '

+ 'and is "%s"' % message)

#---------------------------------------------------------------------

# html page

#---------------------------------------------------------------------

print 'Content-Type: text/html'

print

print '''

<html>

<head>

<title>Sample Python CAPTCHA Check</title>

</head>

<h1>Sample Python CAPTCHA Check</h1>

%s

</html>

''' % get\_body ()

**OUTPUT:**

**Python CAPTCHA Query**

Enter message: 

CAPTCHA password: 

  
[Phonetic spelling (mp3)](http://audio.captchas.net/?client=demo&random=EOT7SpyO7eJZvJWbB20CC4pltCcv46m953czhXYf&alphabet=abcdefghkmnopqrstuvwxyz)

