μWeb - Bug #567

pagemaker init exception triggers no content error, not debug screen

2011-12-20 15:01 - Jan Klopper

Status:	Closed		**Start date:**	2011-12-20
Priority:	Normal		**Due date:**	
Assignee:	Elmer de Looff		**% Done:**	100%
Category:	PageMaker		**Estimated time:**	0.00 hour
Target version:			**Spent time:**	0.75 hour

Description

An error in a pageMaker init triggers no content to be send to the browser, and not the expected debugging page.

The log says:
Exception happened during processing of request from [ip/port].

Traceback (most recent call last):
File "/usr/lib/python2.7/SocketServer.py", line 284, in *handle_request_noblock*
self.process_request(request, client_address)
File "/usr/lib/python2.7/SocketServer.py", line 310, in *process_request*
self.finish_request(request, client_address)
File "/usr/lib/python2.7/SocketServer.py", line 323, in *finish_request*
self.RequestHandlerClass(request, client_address, self)
File "/usr/lib/python2.7/SocketServer.py", line 639, in *init*
self.handle()
File "/usr/lib/python2.7/BaseHTTPServer.py", line 343, in *handle*
self.handle_one_request()
File "/home/janklopper/underdark/libs/uweb/standalone.py", line 84, in *handle_one_request*
self.server.router(self)
File "/home/janklopper/underdark/libs/uweb/_init__.py", line 106, in *RequestHandler*
pages = page_class(req, config=config)
File "/home/janklopper/underdark/floes/pages/search.py", line 20, in *init*
self.connection.cursor.Execute('use floes_manager')
File "/home/janklopper/underdark/libs/uweb/pagemaker/__init__.py", line 372, in *connection*
mysqlopts = self.options['mysql']
KeyError: 'mysql'

Associated revisions

Revision 3244:25bc04d1b66c - 2011-12-20 15:35 - Elmer de Looff

Created a _PostInit() method that gets called after the PageMaker object has been successfully created. This means we have a PageMaker *init* method that is guaranteed to succeed, and any errors from _PostInit() can be handled by the existing PageMaker. This resolves #567. Also fixed a missing newline on the error written to the standalone error log.

Revision 151:8f14eb86cb04 - 2011-12-20 15:35 - Elmer de Looff

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History

#1 - 2011-12-20 15:34 - Elmer de Looff

- Category set to PageMaker

- Status changed from New to Resolved

- Assignee changed from Elmer de Looff to Jan Klopper

- % Done changed from 0 to 70

When the PageMaker init fails, there is nothing to generate a page with, so a lack of response to the client is unfortunate, but also unavoidable.

What I've added to BasePageMaker is a _PostInit that gets called by the handler after the PageMaker object has been created. Using this method, it can be assured that PageMaker will not suddenly crash during initialization, and that should things break during _PostInit, the appropriate error pages can be returned.

Of course, if there are errors in handling the error page, the client will again receive nothing. If this proves to be a problem, a separate issue (referencing this one) should be created for that.

#2 - 2011-12-20 15:40 - Jan Klopper

- Priority changed from Low to Normal

Ill close this when we document this behaviour in the uweb documentation.

#3 - 2012-02-09 19:32 - Elmer de Looff

Applied in changeset commit:25bc04d1b66c.

#4 - 2012-02-21 11:33 - Elmer de Looff

Applied in changeset commit:7633f749e1d7.

#5 - 2012-02-22 17:19 - Elmer de Looff

Applied in changeset 8f14eb86cb04.

#6 - 2012-03-13 14:57 - Jan Klopper

- Status changed from Resolved to Closed

- Assignee changed from Jan Klopper to Elmer de Looff

- % Done changed from 70 to 100

This seems to work just fine now, thnx