THE INVISIBLE TRACEBACK

BLOCKERS THAT MAKE POTENTIAL CONTRIBUTORS DROP OUT
(AND HOW TO FIX THEM)

MEL CHUA
MEL@REDHAT.COM
TWO REQUESTS:
TWO REQUESTS:

1. PLEASE IGNORE ME
TWO REQUESTS:

1. PLEASE IGNORE ME
2. PLEASE KEEP TRACK OF WHAT YOU DO WHEN YOU IGNORE ME
WHO AM I?
WHO AM I?

HACKER
WHO AM I?

HACKER OF SYSTEMS
WHO AM I?

HACKER OF SYSTEMS FOR PEOPLE
WHO AM I?

HACKER OF SYSTEMS OF PEOPLE
WHO AM I?

HACKER OF SYSTEMS OF PEOPLE MAKING SYSTEMS FOR PEOPLE
WHERE ARE THE PEOPLE?
HERE.
OR REALLY, HERE.
UNIX PHILOSOPHY

#12: RULE OF REPAIR

"WHEN YOU MUST FAIL,
FAIL NOISILY
AND AS SOON AS POSSIBLE."
LISTEN UNDERWATER.

THE IMPORTANT THING IS WHAT YOU DON'T HEAR.
WEB.SERVER TRACEBACK (MOST RECENT CALL LAST):

exceptions.ValueError?: invalid literal for int():
/usr/local/lib/python2.4/site-packages/twisted/web/server.py, line 152 in process
150 self.postpath = map(unquote, string.split(self.path[1:], '/'))
151 try:
152 resrc = self.site.getResourceFor(self)
153 self.render(resrc)

Self site twisted.web.server.Site instance @ 0x4086f32c

<TWISTED.WEB.SERVER.SITE INSTANCE AT 0X4086F32C> PATH '/AMD-FULL/BUILDS/' POSTPATH LIST INSTANCE @ 0X40D2F2EC LOCALS

Self twisted.web.server.Request instance @ 0x40d2448c

<GET /AMD-FULL/BUILDS/ HTTP/1.1> GLOBALS unquote <built-in function unquote>

<string> module 'string' from '/usr/lib/python2.4/string.pyc'

/usr/local/lib/python2.4/site-packages/twisted/web/server.py, line 507 in getResourceFor
505 # servers and disconnected sites.
506 request.sitepath = copy.copy(request.prepath)
507 return resource.getChildForRequest(self.resource, request)

Self resource buildbot.status.html.StatusResource? instance @ 0x4086512c

Locals self twisted.web.server.Site instance @ 0x4086f32c

request twisted.web.server.Request instance @ 0x40d2448c

/GLOBALS copy <module 'copy' from '/usr/lib/python2.4/copy.pyc'> resource <module 'twisted.web.resource' from '/usr/local/lib/python2.4/site-packages/twisted/web/resource.pyc'> /usr/local/lib/python2.4/site-packages/twisted/web/resource.py, line 50 in getChildForRequest
48 pathElement = request.postpath.pop(0)
49 request.prepath.append(pathElement)
50 resource = resource.getChildWithDefault(pathElement, request)
51 return resource

Locals pathElement 'builds' request

buildbot.status.html.StatusResourceBuilder? instance @ 0x40c48c6c

Locals self buildbot.status.html.StatusResourceBuilder? instance at 0x40c48c6c
request twisted.web.server.Request instance @ 0x40d2448c

/buildbot.status.html.getChild 613 num = request.postpath.pop(0)
614 request.prepath.append(num)
615 num = int(num)
616 if path == "events":

Locals path 'builds' num request
Okay.

Let's move around a bit.
BLOCKERS

1. I DON'T HAVE IT.
2. I'M NOT ALLOWED TO USE IT.
3. I'M NOT ALLOWED TO PLAY WITH IT.
4. I DON'T KNOW I CAN TWEAK IT.
5. I DON'T KNOW HOW TO TWEAK IT.
6. I DON'T SEE WHY I'D TWEAK IT.
7. I DON'T KNOW ANYONE WOULD CARE ABOUT MY TWEAKS.
8. I DON'T KNOW WHO WOULD CARE ABOUT MY TWEAKS.
9. I DON'T KNOW HOW TO APPROACH THE PEOPLE WHO WOULD CARE ABOUT MY TWEAKS.
10. I DON'T KNOW THAT THIS IS A BUG.
LET'S MOVE AROUND A BIT.