

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?

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**

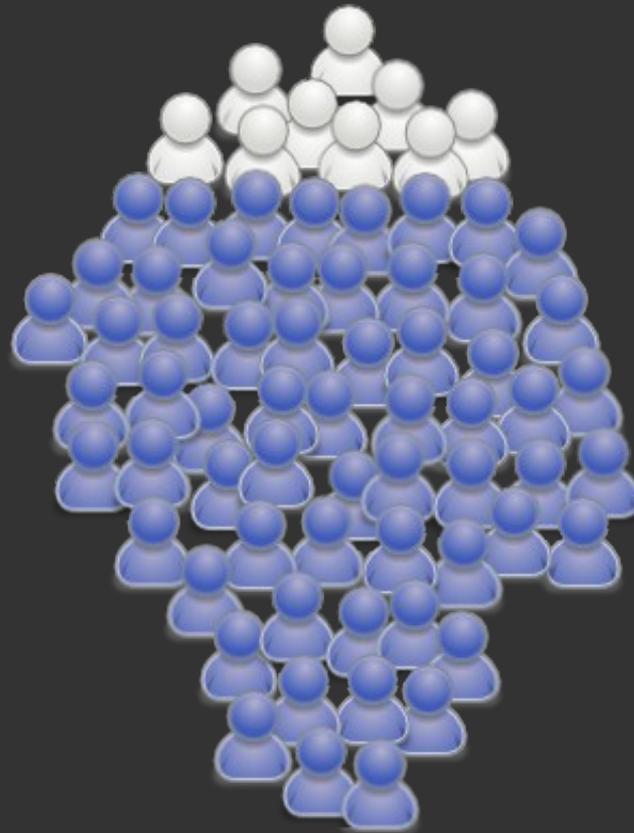
WHO AM I?

**HACKER OF SYSTEMS OF
PEOPLE MAKING SYSTEMS
FOR PEOPLE**

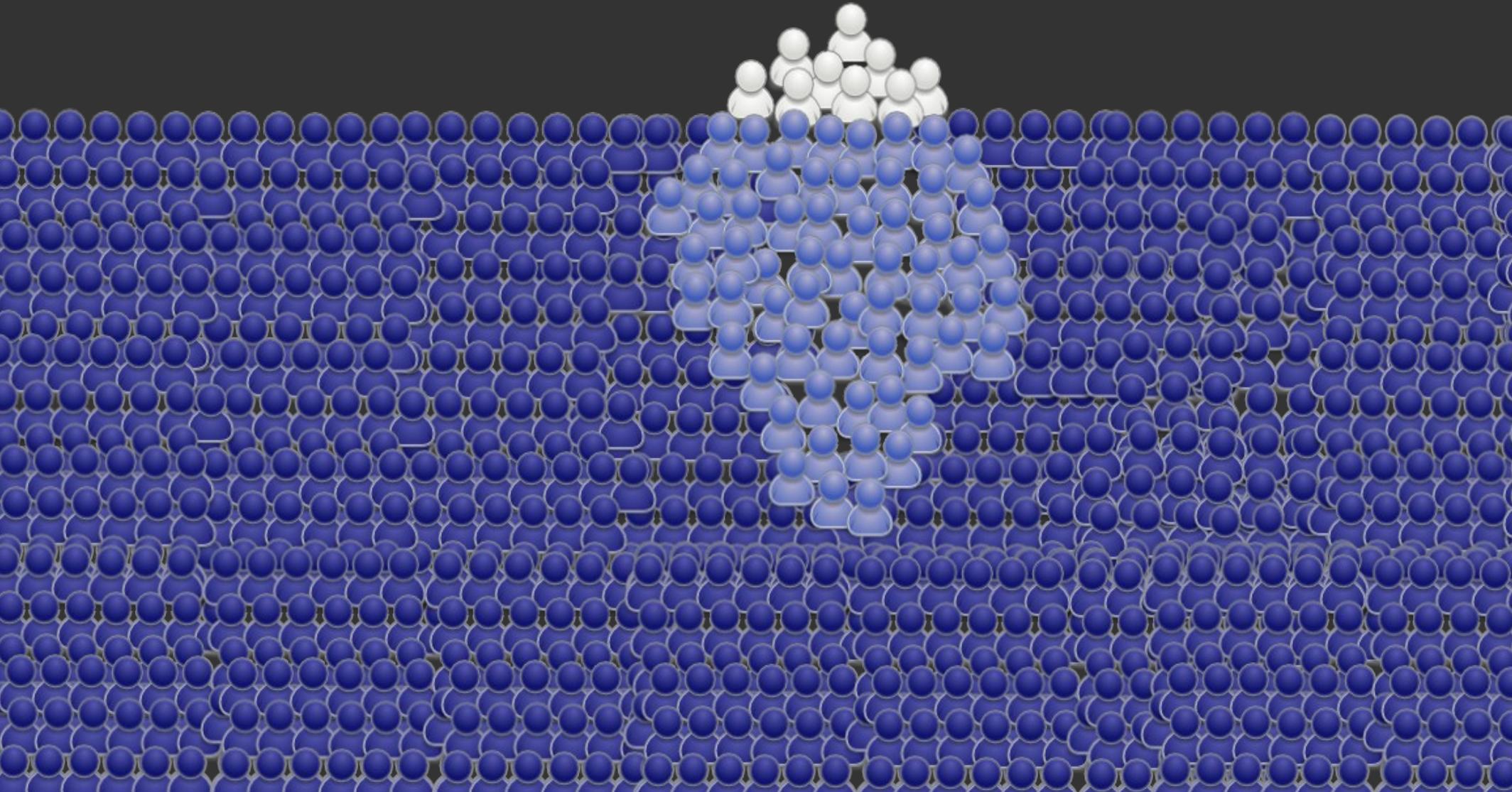
**WHERE ARE THE
PEOPLE?**



HERE.



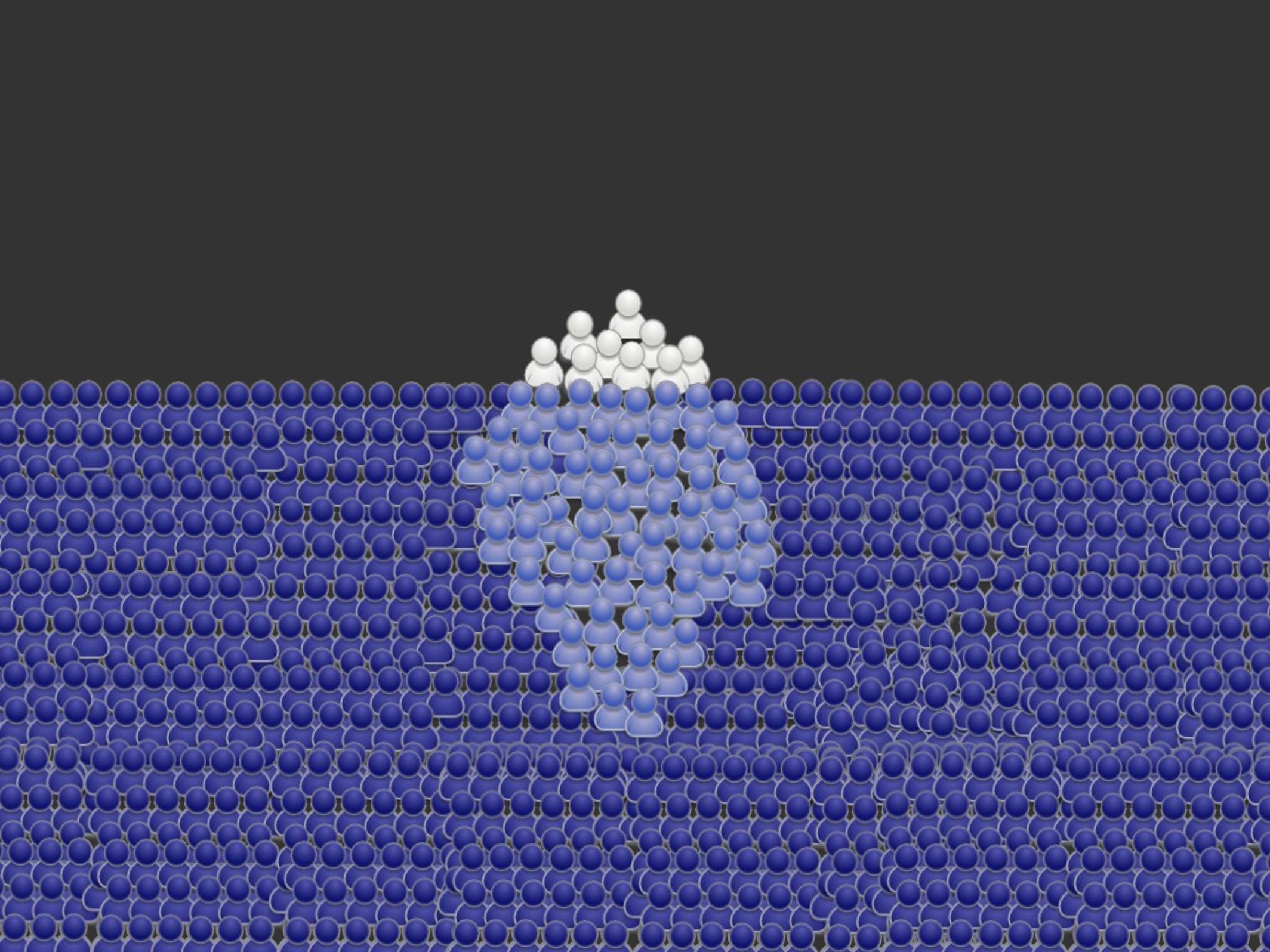
OR REALLY, HERE.



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.**

TRACEBACK

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) 508 SELF
RESOURCE.BUILDBOT.STATUS.HTML.STATUSRESOURCE? INSTANCE @
0X4086512C <BUILDBOT.STATUS.HTML.STATUSRESOURCE? INSTANCE AT
0X4086512C> LOCALS SELF TWISTED.WEB.SERVER.SITE INSTANCE @
0X4086F32C <TWISTED.WEB.SERVER.SITE INSTANCE AT 0X4086F32C> REQUEST
TWISTED.WEB.SERVER.REQUEST INSTANCE @ 0X40D2448C <GET /AMD-
FULL/BUILDS/ HTTP/1.1> 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-
```

TRACEBACK

TRACEBACK

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.**