Petter’s
Computer Science
Songbook

Petter Reinholdtsen

2012-09-15
## Contents

### Programming
- Write in C ............................................................. 4
- Lost Andre .............................................................. 5
- g-c-c ................................................................. 5
- We are the code crew ............................................. 6
- Whole Lotta Bad C ................................................. 6
- I Wish I Could Be Coding Every Day ....................... 7
- Womble ............................................................... 7
- Let there be hacks .................................................. 8
- Here it is linux kernel ............................................ 8
- Hardware for nothing ............................................ 9
- APL ................................................................. 9
- Something .......................................................... 9
- Debugging ........................................................ 10
- Eternal Flame .................................................... 11
- The Bug Came Back ............................................ 12
- Binary Tree ....................................................... 13

### System Administration
- No Backup ........................................................ 14
- She's Always a Goddess ....................................... 14
- Fifty Ways to Bug Your Users ................................ 15

### Security
- The “I got 0wn3d last night” song ......................... 16

### Misc
- The webdesigner song ......................................... 17
- Got Them Dot Zero Blues ....................................... 17
- My ogg files ...................................................... 18
- What a wonderful world ....................................... 18
- 10 Little Spammers .............................................. 18
- Berkeley California ............................................ 19
- Unix Man .......................................................... 20
- Eleanor Rigby .................................................... 20
- The Day SunOS Died ........................................... 21
- The C Days of Y2K ............................................. 23
- What if Dr. Seuss wrote technical manuals? .......... 23
- The GNU Imagine ................................................ 24
- It is free ........................................................ 24
- I/O ................................................................. 25
- Not a boolean .................................................... 25
- Nodepekerlistevisa for Pascal ............................... 26
- Addicted To vi ................................................... 26
- Ain’t no chatting .................................................. 27
- Another year at university ................................... 27
- College Teacher ................................................ 28
- I’ll be bloggin it .................................................. 0
- e-Mail .............................................................. 0
About this book

This songbook is a collection of songs related to computers, computer science and the Internet, which I’ve collected during the last few years. I’ve tried to collect the songs I would like to be singing when I meet my fellow computer professionals.

Most of them have appeared on some USENET newsgroup, but the exact source have been lost in the mist of time.

Lots of songs were found at 1 and 2.

Please contact me if you have comments, questions, suggestions or information on who wrote one of the songs.

The latest version of this songbook is available from 3.

Thanks to Ole Aamot, Morten A. Middelthon, Stein Vraale, Jørgen Wahlberg and Mari Wang for helping me finding songs, and Håkon Wium Lie for helping me format the songbook in HTML and providing a way to generate the PDF book from the HTML source. The songbook is typeset using Prince.

Petter Reinholdtsen <pere@hungry.com>.

1. http://www.poppyfields.net/filks/
When I find my code in tons of trouble,
Friends and colleagues come to me,
Speaking words of wisdom:
"Write in C."

As the deadline fast approaches,
And bugs are all that I can see,
Somewhere, someone whispers
"Write in C."

Write in C, write in C,
Write in C, write in C.
LISP is dead and buried,
Write in C.

I used to write a lot of FORTRAN,
for science it worked flawlessly.
Try using it for graphics!
Write in C.

If you’ve just spent nearly 30 hours
Debugging some assembly,
Soon you will be glad to
Write in C.

Write in C, write in C,
Write In C, yeah, write in C.
Only wimps use BASIC.
Write in C.
You only get a single block
The drives are very plain
Disconnect is well outside
The power of its brain
You can hear it clunking
You can see it far afar
It's a pale clone of SCSI
Just a faded I/O star
And out there in the workroom
They're trying to make it scream
By sticking queued tags in a flash
And reprogramming the stream
Can you find the DMA
Can you add it soon
Lost Andre's out there
Baying at the moon
The time has come for you to choose
You'd better get it right
Pulling drives that suck a lot
Oh please now make them right
But you want to really get some
It's surely can't be hard
There's always SCSI lurking
When your servers underpowered
Underneath committees
The SCSI vendors sing
Of how the IDE, it always hangs
When someone hacks the thing
Can you find the disk block
Can you make the tweak
Lost Andre's out there
Looking for a leak
That spec it looks so evil
And you know it never tries
And every time they make a hack
They have to compromise
And shall I find their CPRM
In a drive which no one buys
They make it big in tricks
At the price of broken drives
And here inside the server room
The UPS still screams
And we're shooting disks up
And returning Maxtor things
Can you find the RAID card
For god's sake make it quick
Lost Andre's out there
Trying to make it tick

**g-c-c**

*Unknown*
*Alan Cox*
*Children's rhyme*

g-c-c, g-c-c,
see how it runs, see how it runs,
it ran all over the swap device,
they freed all its ram with a kill -9,
did you ever see such a thrash in your life
as g-c-c
We are the code crew

Unknown
Alan Cox
We are the road crew
Motorhead

Another bug, another race
Another oops, another trace
Another driver I can’t face
Reading junk, feeling bad
Another night going mad
x-jack drivers are so bad
But I just love the code I read
Another beer is what I need
Another bug, my ram is freed
We are the code crew
Another driver left behind
Another hack, completely blind
Another bug that I can’t find
Another deadlock fix or two
Another flaw in our ext2
Another driver to get through

Coding like a maniac
Coding gone to hell and back
Another oops a case to crack
We are the code crew
Another driver we can learn
Another flaw, another churn
Another pile of crap to burn
Another bugcheck on the way
Another author that I can’t flay
Another word I learned to say
Another bloody bios post
Another fucking box is toast
Another set of scars to boast
We are the code crew

Whole Lotta Bad C

Unknown
Alan Cox
Whole Lotta Rosie AC/DC

I wanna tell you a story,
about a bug I know,
when it comes to crashing,
oh it steals the show,
it aint exactly pretty, aint exactly small,
drivers/media/videodev you could say its got them all
Never had a bug, never had a bug like this,
killing all the things, killing all the things it does,
aint no fairy story, aint no kernel moan,
but you kdb it all a lot, oopsing on an intel clone
You’re a whole lot of program
A whole lotta program
Whole lotta bad c
Ah you’re a whole lotta program

Oh hacker you can do it
Debug for me all night long
Only one to chase
Only one to chase it up
All through the night time
And right around the clock
To my suprise
Oopses never stop
You’re a whole lot of program
A whole lotta program
Whole lotta bad C
Ah you’re a whole lotta program
I Wish I Could Be Coding Every Day

Unknown
Alan Cox
Sorry Roy Wood
[Are you ready porters ...

When the hackers bring the code
Well they just might like to know
They’ve put a great big smile, on somebody’s face
If you boot it on your vax
quickly coding up the traps
Don’t you lock the bus
You know that neat debug tools are on the way

Well I wish I could be coding, every day
When the vax starts pinging from the shell upon the cray
Oh I wish I could be coding, every day
Let the code flow out from hackers
When we’re searching in the code
For the bug that stops the load
Then your config files going to build my linux bin
Now the booting prompts appear
And you’re loading from a peer
So we’ll stare at the wire
Till the shell simply loads up all the way

Well I wish I could be coding, every day
When the vax starts pinging from the shell upon the cray
Oh I wish I could be coding, every day
Let the code flow out from hackers
[Okay you lot- take it!]
Well I wish I could be coding, every day (every day)
When the vax starts pinging from the shell upon the cray (oh oh)
Oh I wish I could be coding, every day
Let the code flow out from hackers
Why don’t you boot your vax on Linux?

Womble

Unknown
Unknown
Alan Cox
[Mike Batt gets it this time]

Kernel mode, user mode, cvs tree
The committers of cvs patches are we,
Making good use of the code that we find,
Things that the community folks have in mind
Miguel delcaza
He can remember they days mc wasn’t behind the times
With his view for the world
Decode the core dumps and blame them on the gnome
tree
Coder’s aren’t organised, work as a team
Coder’s aren’t tidy and coders aren’t clean
Kernel mode, user mode, cvs tree
The committers of cvs patches are we

People don’t notice us, they’ll never see
Under their noises a hacker may be
We edit by night and we sleep in by day
Writing up patches to send bugs away
We’re so incredibly utterly devious
Making the most of everything
Even asm and strings
Pick up the patches make them into something new
is what we do!
Kernel mode, user mode, cvs tree
The committers of cvs patches are we,
Making good use of the code that we find,
Things that the community folks have in mind
Let there be hacks

Unknown
Alan Cox
“Let there be rock”, AC/DC

In the beginning
Back in nineteen ninety one
Man didn’t know about no linux source code
And all thats fun
The dos man had no windows
The mac man had no tools
No one knew what they was gonna do
But the unix hacks had the news, they said

Let there be shells, and there were shells
Let there be perl, and there was perl
Let there be gnus, and there were gnus
Let there be emacs, and there was emacs
Let there be hacks

And so it came to pass
That linux source code was born
All across the land every hacking man
Was coding up a storm
And the Linus man got famous
And the business man got rich
And on every list there was a wannabe
With a clue free patch
There was fifteen million fingers
Learnin’ how to code
And you could hear the keyboard clicking
And this is what they had to load

Let there be shells, perl, gnus, ’n emacs an
Let there be hacks

One night at a show called OLS
There was a linux kernel hacking band
And the hacking was good
And the hackers were proud
And then well Linus turned and he said to the crowd

Let there be hacks

Here it is linux kernel

Unknown
Unknown
“Merry X-Mas Everybody”, Slade

Are you posting up a driver there for all
Its the time that every hacker has a ball
Does it keep on breaking paging
Does it run slab poisoned eh ?
Do the reports keep you coding for the day

So here it is, linux-kernel
Everybody’s having fun
Look for the flaming now
It’s only just begun

Are you waiting for the flamers to arrive
Are you sure you got the room to keep archives
Does Al Viro always tell ya
That filesystems are the best
Then he’s off and kernel hacking with the rest

So here it is, linux-kernel
Everybody’s having fun
Look for the flaming now
It’s only just begun

What will Jeff Merkey do
When he sees you now postin’ novell support
Aa-Ah ah-ah

Are you pulling down a kernel when you call
Are you hoping that the code will start to rule
Do you walk on down the calltrace
With a debugger you have made
When they land up in your driver then you’ve been blamed

So here it is, linux-kernel
Everybody’s having fun
Look for the flaming now
It’s only just begun

So here it is, linux-kernel
Everybody’s having fun
Look for the flaming now
It’s only just begun

So here it is, linux-kernel
Everybody’s having fun
Look for the flaming now
It’s only just begun

So here it is, linux-kernel
Everybody’s having fun
Look for the flaming now
It’s only just begun

So here it is, linux-kernel
Everybody’s having fun
Look for the flaming now
It’s only just begun

So here it is, linux-kernel
Everybody’s having fun
Look for the flaming now
It’s only just begun
Hardware for nothing

Unknown

“Money for nothing”, Dire straits

Look at them coders
that’s the way you do it
You chat about hackin’
on the IRC.
That ain’t workin’
That’s the way you do it.
Hardware for nothin’
and your source for free.
Now that ain’t workin’
That’s the way you do it.
Lemme tell ya
them coders ain’t dumb.
Maybe get a blister
on your typing fingers
maybe put on a little weight
around you bum

We gotta install operating systems
Custom kernel Deliveriiiiies.
We gotta solve these user problems
We gotta move these pentium Threeeeees

I want my
I want my
I want my IRC
...

APL

Unknown

Richard M. Stallman

This uses the tune of “Row, row, row your boat”.
The Greek letter rho ($\rho$) is an important operator in the APL programming language.

$\rho$, $\rho$, $\rho$ of $X$.
Always equals 1.
$\rho$ is dimension; $\rho\rho$, rank.
APL is fun!

Something

Unknown

Unknown

Tune: “Something” by The Beatles

Something in the way it fails,
Defies the algorithm’s logic!
Something in the way it coredumps...
I don’t want to leave it now
I’ll fix this problem somehow

Somewhere in the memory I know,
A pointer’s got to be corrupted.
Stepping in the debugger will show me...
I don’t want to leave it now
Too close to leave it now

You’re asking me can this code go?
I don’t know, I don’t know...
What sequence causes it to blow?
I don’t know, I don’t know...
Something in the initializing code?
And all I have to do is think of it!
Something in the listing will show me...
I don’t want to leave it now
I’ll fix this tonight I vow!
Debugging

Unknown
Richard M. Stallman

This uses the tune of "Deck the halls with boughs of holly".
rms wrote this in the 1970s, when decks of punched cards and
thumping line printers were still widely used.

Deck the cards that hold the data.
(Fa la la la la, la la, la, la.)
Hand them to the operator.
(Fa la la la la, la la, la, la.)
Hear the output printer thumping:
(Fa la la la la, la la, la, la.)
50 k of core are dumping.
(Fa la la la la, la la, la, la.)

Now you have to start debugging,
(Fa la la la la, la la, la, la.)
Through the dump for errors culling.
(Fa la la la la, la la, la, la.)
If you cannot understand 'em,
(Fa la la la la, la la, la, la.)
Just change anything at random.
(Fa la la la la, la la, la, la.)

When it seems your program's mended,
(Fa la la la la, la la, la, la.)
And you think your task has ended,
(Fa la la la la, la la, la, la.)
Ware rejoicing prematurely:
(Fa la la la la, la la, la, la.)
There will be more errors surely.
(Fa la la la la, la la, la, la.)
Eternal Flame

Bob Kanefsky

Tune: God Lives on Terra by Julia Ecklar
This parody was sung by Julia Ecklar on Roundworm. Parody
of “God Lives on Terra”, words and music by Julia Ecklar For
more information and other parodies, see www.songworm.com
Parody lyrics copyright 1996-07-29 by Bob Kanefsky.

I was taught assembler
in my second year of school.
It’s kinda like construction work –
with a toothpick for a tool.
So when I made my senior year,
I threw my code away,
And learned the way to program
that I still prefer today.

Now, some folks on the Internet
put their faith in C++.
They swear that it’s so powerful,
it’s what God used for us.
And maybe it lets mortals dredge
their objects from the C.
But I think that explains
why only God can make a tree.

For God wrote in Lisp code
When he filled the leaves with green.
The fractal flowers and recursive roots:
The most lovely hack I’ve seen.
And when I ponder snowflakes,
ever finding two the same,
I know God likes a language
with its own four-letter name.

Now, I’ve used a SUN under Unix,
so I’ve seen what C can hold.
I’ve surfed for Perls, found what Fortran’s for,
Got that Java stuff down cold.
Though the chance that I’d write COBOL code
is a SNOBOL’s chance in Hell.
And I basically hate hieroglyphs,
so I won’t use APL.

Now, God must know all these languages,
and a few I haven’t named.
But the Lord made sure, when each sparrow falls,
that its flesh will be reclaimed.
And the Lord could not count grains of sand
with a 32-bit word.
Who knows where we would go to
if Lisp weren’t what he preferred?

And God wrote in Lisp code
Every creature great and small.
Don’t search the disk drive for man.c,
When the listing’s on the wall.
And when I watch the lightning burn
Unbelievers to a crisp,
I know God had six days to work,
So he wrote it all in Lisp.

Yes, God had a deadline.
So he wrote it all in Lisp.
The Bug Came Back

Unknown
Joel Polowin
This uses the tune of “The Can Came Back” by Harry S. Miller.

The program wasn’t complex, and it wasn’t very long,
Though it seemed a bit erratic, its results were seldom wrong.
But that little error nagged us, so we stayed up late one night -
Found a missing comma, and we thought that fixed it right -

But the bug came back; the very next day
The bug came back, we thought it was a gonner
But the bug came back, it just wouldn’t stay away.

We put away our documents, rewrote the code from scratch
To find out where the new and older versions didn’t match.
A subtle shift of logic showed where we had gone astray;
We felt a bit embarrassed, but at least it ran okay -

chorus

We wrote in other languages, from FORTH to APL
And ev’ry one ran ev’ry time - just sometimes not too well.
Translation to assembler didn’t give us any clue;
The COBOL version crashed on ev’ry system it went through -

chorus

We gave it to the hacker squad - the folks who code for fun -
And asked them if they couldn’t get the stupid thing to run.
But less than one week later, they no longer wished to play -
Three paranoids... one suicide... and six who ran away...

chorus

We got a summer student in to check the code by hand,
With paper, pen and calculator, run through each command,
But suddenly the lights went out – the air went thin and queer –
A sudden FLASH! of lightning – and the student... disappeared...?

chorus

We set up an experiment that Schrodinger inspired:
A box; a cat; some poison; a computer system wired
Such that IF the program failed, the little moggy would be gassed.
A quasar was - almost - the only remnant of the blast...

But the cat came back the very next day
The bug came back, we thought they were a gonner
But they both came back, they just wouldn’t stay away

chorus
Binary Tree

Unknown
Joachim Breitner
Fool’s Garden, Lemon Tree

I’m waiting here for some one to search
It’s just no problem to find every wanted branch
I’m wasting your RAM
I am such a bad case
I want you to come
And start using that space
And nothing ever matches when I’m searching
I’m searching around in my root
I’m searching real fast
I’m searching real good
I’m one big fat memory hog
I’m feeling balanced, I’m faster than log
And nothing ever matches so I’m searching
I search my left
I search my right
Make me search it and I search recursively
Since all I really am is just another bin’ry tree.
I’m crawling my nodes up and down
I’m crawling crawling crawling crawling crawling around
And all I really am is just another bin’ry tree.
(Sing: dubdadidadab...)
I’m sitting here
I miss the data
I’d like to have more, growing big later
But there’s a lot to care before "insert"
You need the spot
Where the thing fits right in.
And nothing ever matches so I’m searching

Balancation is real good for me
Balancation: I’m now faster ‘cause I’m a bin’ry tree.
I’m sitting here
I miss the data
I’d like to have more, growing big later
But there’s a lot to care before "insert"
You need the spot
Where the thing fits right in.
And nothing ever matches so I’m searching
Balancation is real good for me
Balancation: I’m now faster ‘cause I’m a bin’ry tree.
I’m starting to search at the top node of me
User anyhow I’ll find it in this tree
And everything will be there and you’ll find it
You’ll find it left
You’ll find it right
Make me search it and I search recursively
Since all I really am is just a balanced bin’ry tree.
I’m crawling my nodes up and down
I’m crawling crawling crawling crawling crawling around
And all I really am is just a balanced bin’ry tree.
And I’m searching searching
I search my left
I search my right
Make me search it and I search recursively
Since all I really am is just a balanced bin’ry tree.
I search my left
I search my right
Make me search it and I search recursively
Since all I really am is just a balanced bin’ry tree.
Chapter 1: System administration

No Backup

Lill Berg Nordheim
Unknown
“Yesterday”, The Beatles

Yesterday,
all those backups seemed a waste of pay
Now my database has gone away
Oh I believe in yesterday
Suddenly,
there’s not half the files there used to be,
there’s a millstone hanging over me
The system crashed so suddenly
I pushed something wrong
What it was I could not say
Now all my data’s gone
and I long for yesterday-ay-ay-ay
Yesterday,
the need for backups seemed so far away
I knew my data was all here to stay
Now I believe in yesterday

She’s Always a Goddess

Unknown
2001 Illiad
Music: “She’s Always a Woman”

She can kill -9 with a smile
As she munches her fries
She can crack your account
And delete all your files
Though she only appeals
To the shy ones like me
She can code like a pro
And she’s always a goddess to me
She can root all your boxes
Faster than you’d believe
You can ask for an ack
But you’ll never receive
She’ll take code you give her
As long as it’s *free*
She tinks I’m a dweeb
But she’s always a goddess to me
Ohhh, She takes care of her servers
She can play quake if she wants
She’s ahead of her game
Ohhh, She never gets stressed out
And she never gets caught
She just passes on blame
Fifty Ways to Bug Your Users

Unknown
Joachim Breitner
Paus Simon, 50 Ways to leave your lover

"It’s boring all inside my head" I said to me
The answer is easy if you are immorally
I’d like to watch them in their struggle to work here
There must be fifty ways to bug your users
I said it’s really not my habit to intrude
Furthermore, I hope my mean tricks won’t be bad or
miscontrued
But I’ll do it again at the risk of being sued
There must be fifty ways to bug your users
Fifty ways to bug your users

Just just pull out the plug, Zack
Pour out a can, Stan
You don’t need to back up, Chap
Just having some fun
Overclocked bus, Gus
You don’t need to restart, Mart
Just drop of the net, Pete
And for me it’s fun

Some admins hate it to see users in such pain
I wish there was something I could do to see it once again
My boss don’t appreciate that and I always explain
About the fifty ways
He said "Why do I not just fire you tonight
And I believe in the morning we’ll begin to see the light"
And then I told him and he realized I would go with a
fight
Since there are Fifty ways to hurt your users
Fifty ways to hurt your users

Just just pull out the plug, Zack
Pour out a can, Stan
You don’t need to back up, Chap
Just having some fun
Overclocked bus, Gus
You don’t need to restart, Mart
Just drop of the net, Pete
And for me it’s fun

Overclocked bus, Gus
You don’t need to restart, Mart
Just drop of the net, Pete
And for me it’s fun
Chapter 1: Security

The “I got 0wN3d last night” song

Unknown
Unknown
Beldon <beldon@scamail.com>
[Apologies to Sam Cooke (and Art Garfunkel)]

Don’t know much about TCP
Even less ICMP
Don’t know how to make a subnet class
Even script kiddies would kick my ass
But if an OS that can be bought
Will install securely by default
What a wonderful thing that would be

Don’t know much about LAND attack
Don’t know how to spoof an IP stack
Don’t know much about the port I’m on
Can’t decide to leave a daemon on
If I install OpenBSD
And it does most of my work for me
What a wonderful thing that will be

Now I don’t claim to be a sys admin
But now broadband’s in my town
And I have to put something between me
And the people who know how to bring me down

Don’t know much about DDoS
And my shell programming is a mess
Don’t know how to build a firewall
Don’t know much about nothin’ at all
But if I can shield my root account
Without emptying my bank account
What a wonderful thing that would be.
Chapter 1: Misc

The webdesigner song

Unknown
Alan Cox
Chicken song
Grant Naylor

Its the time of year, now that .coms are in the air
When those new web gifts, have become internet aware
Make another link for moronic web displays
That nauseate-ate-ate in a million different ways
From the depth of spain to the southern coast of france
No matter where you hide, you just can’t escape our spams
Rack a compaq in mid-air, stick a penguin on your nodes
Buy from microsoft and then debug all their code
Make your old code free then upload your latest tree
Write the web content and install your asp
Soon your sites alive, learn to stream realvideo
Climb over a mac, and encode in indeo
Eat a new cookie while your business disappears
Redesign your plan, drink lots and lots of beers

The web page is vibrating, the colour is loud and grating
Its truely nauseating, lets use that blink again
Rack a compaq in mid-air, stick a penguin on your nodes
Buy from microsoft and then debug all their code
And there’s no escape, in the news or in the star
You would see this site if you holidayed on mars
Soon your sites alive, learn to stream realvideo
Climb over a mac, and encode in indeo
Now you’ve done it once, you brain will spring a leak
And through you hate your site, you’ll be tweaking it for weeks
Rack a compaq in mid-air, stick a penguin on your nodes
Buy from microsoft and then debug all their code
Make your old code free then upload your latest tree
Write the web content and install your php

Got Them Dot Zero Blues

Unknown
Unknown
by WillSeattle / Will in Seattle (at work)

Woke up this morning
Crawled out of bed
Couldn’t wait to get that Red Hat distro you said
Told you to worry
Told you to wait
But no you want to mirror it from outside the state

I got the blues
Got them old dot zero blues
Cause I done installed that distro
And it blew up on my shoes

Wish I had DSL
Wish I had fat pipes
But on a 56K modem
The download’s such a fright

It’s all installed now
Servers up and cool
But I come back three weeks later
And look just like a fool

Got burned by Compaq
Got burned by Dell
Got burned by Microsoft
Now I’m in Red Hat dot zero hell

Now don’t you worry
This one’s ok
It won’t drop under loads now
Cause if it does we’ll make you pay!
My ogg files

Unknown

Alan Cox

To the tune of "My Bonnie"

My ogg files lie over the network
My ogg files lie over T3
My ogg files lie over the network
please icecast my ogg files to me

Icecast

Icecast

Oh icecast my ogg files to me to me
Icecast

Icecast

Icecast my ogg files to me

What a wonderful world

Unknown

Unknown

Sung to "What a wonderful world" by Louis Armstrong

I see cheap cpus
and software that’s great
and my modem connects...
at true 28.2
and I think to myself...
...what a wonderful world...
I see people on the net..
who are nice and not "leet"
and hardware that never...
becomes obsolete
and I think to myself...
...what a wonderful world...

The colours of the iMac...
so pretty on my desk
(these are colors that are testful
not ones that are grotesque)
I see routers shakin’ hands
sayin’ "who the heck are you?"
but they’re really saying
"let the data flow through"
Blue screens of death...
don’t exist to betray
and I decide for myself...
where I want to go today
and I think to myself
what a wonderful world
yes. I think to my self
what a wonderful world...

10 Little Spammers

Unknown

William A. Levinson

Words: William A. Levinson

Ten little spammers all went online;
One spammed n.a.n.a. and then there were nine.
Nine little spamhauses spewed at full rate;
An ISP nuked one and then there were eight.
Eight little spammers thought they were in Heaven;
Someone did a traceroute and then there were seven.
Seven little spambots addresses did pick;
One picked a Netscum and then there were six.
Six little spammers playing ’round a hive;
Angry wasps stung one and then there were five.

Five little spammers spewed some more;
Someone did an InterNIC whois, and then there were four.
Four little spammers all running free;
Cloaking didn’t work and then there were three.
Three little spammers, didn’t have a clue;
One spewed to Usenet and then there were two.
Two little spammers, thought they’d have some fun;
Antispammers caught one and then there was one.
One little spammer was firewalled and left all alone;
He could only spam himself and then there were none.
Berkeley California

Unknown
David Barr, Ken Hornstein, Greg Nagy
Tune is “Hotel California” by the Eagles
Written by David Barr and Ken Hornstein and a little help from Greg Nagy. This is original, written in light of the AT&T-BSDI lawsuit, and the recent trend with Sun towards System V and away from Good Ol’ BSD.

In a dark dim machine room
Cool A/C in my hair
Warm smell of silicon
Rising up through the air
Up ahead in the distance
I saw a Solarian(tm) light
My kernel grew heavy, and my disk grew slim
I had to halt(8) for the night
The backup spun in the tape drive
I heard a terminal bell
And I was thinking to myself
This could be BSD or USL
Then they started a lawsuit
And they showed me the way
There were salesmen down the corridor
I thought I heard them say
Welcome to Berkeley California
Such a lovely place
Such a lovely place (backgrounded)
Such a lovely trace(1)
They’re livin’ it up suing Berkeley California
What a nice surprise
What a nice surprise (backgrounded)
Bring your alibies
Windows NT a dreaming
Pink OS on ice
And they said
We are all just prisoners here
Of a marketing device
And in the judge’s chambers
They gathered for the feast
They diff(1)’d the source code listings
But they can’t kill -9 the beast
Last thing I remember
I was restore(8)’ing | more(1)
I had to find the soft link back to the path I was before
sleep(3) said the pagedaemon
We are programmed to recv(2)
You can swap out any time you like
But you can never leave(1)
[ substitute whirring of disk and tape drives for guitar solo ]
Unix Man

Unknown
Unknown
Tune: Nowhere Man

He’s a real UNIX Man
Sitting in his UNIX LAN
Making all his UNIX plans
For nobody.
Knows the blocksize from du(1)
Cares not where /dev/null goes to
Isn't he a bit like you
And me?
UNIX Man, please listen(2)
My lpd(8) is missin’
UNIX Man
The wo-o-o-orld is at(1) your command.

He’s as wise as he can be
Uses lex and yacc and C
UNIX Man, can you help me At all?
UNIX Man, don’t worry
Test with time(1), don’t hurry
UNIX Man
The new kernel boots, just like you had planned.
He’s a real UNIX Man
Sitting in his UNIX LAN
Making all his UNIX plans For nobody...
Making all his UNIX plans For nobody.

Eleanor Rigby

Unknown
Unknown
Tune: “Elinor Rigby” by The Beatles

Eleanor Rigby
Sits at the keyboard
And waits for a line on the screen
Lives in a dream
Waits for a signal
Finding some code
That will make the machine do some more.
What is it for?
All the lonely users, where do they all come from?
All the lonely users, why does it take so long?

Guru MacKenzie
Typing the lines of a program that no one will run;
Isn’t it fun?
Look at him working,
Munching some chips as he waits for the code to compile;
It takes a while...

All the lonely users, where do they all come from?
All the lonely users, why does it take so long?
Eleanor Rigby
Crashes the system and loses 6 hours of work;
Feels like a jerk.
Guru MacKenzie
Wiping the crumbs off the keys as he types in the code;
Nothing will load.
All the lonely users, where do they all come from?
All the lonely users, why does it take so long?
The Day SunOS Died

Words: N.R. “Norm” Lunde, with apologies to Don McLean

Remember when those guys out West
With their longish hair and paisley vests
Were starting up, straight out of UCB?
They used those Motorola chips
Which at the time were really hip
And looked upon the world through VME.

Their first attempt ran like a pig
But it was the start of something big;
They called the next one the Sun-2
And though they only sold a few
It soon gave birth unto the new
Sun-3 which was their pride
And now they’re singing

“Bye, bye, SunOS 4.1.3!
ATT System V has replaced BSD.
You can cling to the standards of the industry
But only if you pay the right fee –
Only if you pay the right fee...”

The hardware wasn’t all they sold.
Their Berkeley port was solid gold
And interfaced with system V, no less!
They implemented all the stuff
That Berkeley thought would be enough
Then added RPC and NFS.
It was a lot of code to cram
Into just four megs of RAM.
The later revs were really cool
With added values like SunTools
But then they took us all for fools
By peddling Solaris...
And they were singing,

“Bye, bye, SunOS 4.1.3!
ATT System V has replaced BSD.
You can cling to the standards of the industry
But only if you pay the right fee –
Only if you pay the right fee...”

They took a RISC and kindled SPARC.
The difference was like light and dark.
The Sun-4s were the fastest and the best.
The user base was having fun
Installing SunOS 4.1
But what was coming no one could have guessed.
The installed base was sound.
The software did abound.
While all the hackers laughed and played
Already plans were being made
To make the dubious “upgrade”
To Sun’s new Solaris...
And Sun was singing,

“Bye, bye, SunOS 4.1.3!
ATT System V has replaced BSD.
You can cling to the standards of the industry
But only if you pay the right fee –
Only if you pay the right fee...”

The cartridge tapes were first to go
And CDROM’s a must, you know
And floppy drives will soon go out the door.
I tried to call and ask them why
But they took away my tty
And left my modem lying on the floor.

While they were on a roll
They moved the damned control.
The Ethernet’s now twisted pair.
Which no one uses anywhere.
ISDN is still more rare–
The bandwidth’s even less!
But still they’re singing

“Bye, bye, SunOS 4.1.3!
ATT System V has replaced BSD.
You can cling to the standards of the industry
But only if you pay the right fee –
Only if you pay the right fee...”

The worst of all is what they’ve done
To software that we used to run
Like dbx and even /bin/cc.
Compilers now have license locks
Wrapped up in OpenWindows crocks
We even have to pay for gcc!
The applications broke;
/usr/local went up in smoke.
The features we’ve depended on
Before too long will all be gone
But Sun, I’m sure, will carry on
Be peddling Solaris,
Forever singing,

“Bye, bye, SunOS 4.1.3!
ATT System V has replaced BSD.
You can cling to the standards of the industry
But only if you pay the right fee –
Only if you pay the right fee...”
Boot It!

Unknown
Richard M. Stallman
This filk uses the tune of “Beat it”.

When your computer doesn’t do what you type,
And half the screen is covered with a big white stripe,
The vendor won’t pay any mind to your gripe,
So boot it. Just boot it.

When you discover that a process won’t die,
If kill -9 won’t work there’s nothing else to try.
Your jobs are dead meat, so kiss ’em goodbye
And boot it. 50 hours of work,
Just boot it, boot it.
And if you can’t boot it, shoot it!

When you reboot it, work will be lost.
It doesn’t matter what this will cost.
Just boot it. Just boot it.

When all the characters are coming out weird,
And won’t come back right even when the screen is cleared.
You can’t fix such things by tugging your beard
So boot it. Just boot it.

If your computer still is running Windows,
And every time it crashes your frustration grows.
When the system’s not free, you will always be hosed.
Just boot it. Put a GNU system on,
And boot it, boot it.
Or put it in your horn, and toot it!

It doesn’t matter what was to blame.
Till you reboot it, your machine’s lame.
Just boot it. Just boot it.
Just boot it. Just boot it.

It doesn’t matter what you did wrong.
Till you reboot it, your machine’s gone.
Just boot it. Just boot it.
Just boot it. Just boot it.
The C Days of Y2K

Unknown
Unknown
as performed at LISA 1999 / Seattle, Washington

On the first day of Y2K, my server said to me:
It’s January, 1970.

On the second day of Y2K, my server said to me:
/var is full, and it’s January, 1970.

On the third day of Y2K, my server said to me:
stale file handle, /var is full, and it’s January, 1970.

On the fourth day of Y2K, my server said to me:
hme is down, stale file handle, /var is full, and it’s January, 1970.

On the fifth day of Y2K, my server said to me:
no route to host... hme is down, stale file handle, /var is full, and it’s January, 1970.

On the sixth day of Y2K, my server said to me:
bad magic number, no route to host... hme is down, stale file handle, /var is full, and it’s January, 1970.

On the seventh day of Y2K, my server said to me:
can’t open socket, bad magic number, no route to host... hme is down, stale file handle, /var is full, and it’s January, 1970.

On the eighth day of Y2K, my server said to me:
panic! double panic!, can’t open socket, bad magic number, no route to host... hme is down, stale file handle, /var is full, and it’s January, 1970.

On the ninth day of Y2K, my server said to me:
can’t fork process, panic! double panic!, can’t open socket, bad magic number, no route to host... hme is down, stale file handle, /var is full, and it’s January, 1970.

On the A day of Y2K, my server said to me:
out of ttys, can’t fork process, panic! double panic!, can’t open socket, bad magic number, no route to host... hme is down, stale file handle, /var is full, and it’s January, 1970.

On the B day of Y2K, my server said to me:
enter system password, out of ttys, can’t fork process, panic! double panic!, can’t open socket, bad magic number, no route to host... hme is down, stale file handle, /var is full, and it’s January, 1970.

On the C day of Y2K, my server said to me:
ok

What if Dr. Seuss wrote technical manuals?

Unknown
Unknown
Words: Unknown

If a packet hit a pocket on a socket on a port,
And the bus is interrupted as a very last resort,
And the address of the memory makes your floppy disk abort,
Then the socket packet pocket has an error to report.
If your cursor finds a menu item followed by a dash,
And the double-clicking icon puts your window in the trash,
Then your situation’s hopeless,
and your system’s gonna crash.
If the label on the cable on the table at your house,
Says the network is connected to the button on your mouse,
But your packets want to tunnel on another protocol,
That’s repeatedly rejected by the printer down the hall.

If your screen is all distorted by the side effects of gauss,
so your icons in the window are a wavy as a souse,
then you may as well reboot and go out with a bang,
Cause sure as I’m the poet, the sucker’s gonna hang.
If the copy of your floppy’s getting sloppy on the disk,
And the microcode instructions cause unnecessary risk,
Then you have to flash your memory and you’ll want to RAM your ROM,
Quickly turn off the computer and be sure to tell your MOM.
The GNU Imagine

Unknown
Unknown
Words: Unknown

Imagine there’re no firms, it’s easy if you try
No Windows around us, above us only sky
Imagine all the people coding for today, ah-ah
Imagine there’s no money, it isn’t hard to do
Nothing to hide or lie for, and no copyright too
Imagine all the people coding code in peace, you-oo

You may say I’m a hacker
But I’m not the only one
I hope someday you’ll join us
And the world will code as one

Imagine no possessions, I wonder if you can
No lack for hardware, a brotherhood of man
Imagine all the people sharing all the sources, you-oo

You may say I’m a hacker
But I’m not the only one
I hope someday you’ll join us
And the world will code as one

It is free

Unknown
Unknown
Music: “Let it Be”, The Beatles

When I find myself in front of Windows,
Father Torvalds comes to me,
Speaking words of Linux, ’It is free!’.
And when hackers crack my system
through some strange NT obscurity,
hes gives me the source-code, ’It is free!’.
It is free, it is free, it is free, it is free.
Linux is the answer, and it’s free.

When the broken systems crashes
and blue screens of death I see,
There is one true rescue, and it’s free.
For though there may be doubts first
it will sure bring life to your PC
’Cause Linux is the answer, and it is free.

It is free, it is free, it is free, it is free.
You even get the source-code, it is free.

In the darkest night, when hacking,
Xfree stares right back at me,
Now I’ve installed Linux, I feel free.
No longer mad with my computer,
No more does it crash on me
Now I’ve installed Linux, it is free.

It is free, it is free, it is free, it is free.
Open-sourced true power, it is free.
I/O

Unknown
Music: “Hi Ho” by the seven dwarves

I/O, I/O,
We watch the data flow,
We never know where it will go,
I/O, I/O, I/O,
... To IBM we go.
Command reject and then recheck, ...
... This teletype’s too slow.
If you need more speed, get a CRT ...
... it’s fun to hack, you know.
It’s nice to be, under DDT ...
... It’s off the bus we go.
No better place than an interface ...
... To hack the VAX we go.
We’ll first dump core, and then run more ...
... To hack the VAX we go.
We use EMACS, since we’re true hacks ...
... To hack the VAX we go.
We run cc, Then adb ...

.. To hack the VAX we go.
We eat our lunch, ss programs munch ..
.. To hack the VAX we go.
Programs we try, then run vi ..
.. To hack the VAX we go.
Lets adb UUCP ...
.. To hack the VAX we go.
We’ll patch the stack, and then jump back ...
.. To hack the VAX we go.
We’ll have a Coke, and trap alloc() ...
.. To hack the VAX we go.
We’ll user-load new microcode ...
.. To hack the VAX we go.
This code’s a kludge, its much too huge ...
.. To hack the VAX we go.
Kill peon’s procs, they’re eating ops ...
.. To hack the VAX we go.
I/O, I/O!

Not a boolean

Unknown
Music: “Blowing in the wind”

How many code must a man type in
Before you can call him a man?
How many C must a compiler process
Before it can sleep in the RAM?
How many times must MS-DOS crash
Before it is forever banned?
The answer, my friend
is not a boolean
The answer is not a boolean

How many times must a man read his source
Before he can see what is wrong?
How many memory must his system have
Before he can use ‘unsigned long’?
How many errors will it take till he knows
That there’s still some work to be done?
chorus
How many years can a program exist
Before it’s erased from drive C:\backslash
How many years must known bugs exist
Before you get an update for free?
How many times can a drive move its head
And pretend there’s no data to read?
chorus
Nodepekerlistevisa for Pascal

Unknown
Geir Sporaland
Words: Geir Sporaland, Music: “Pepperkakebakevisa” av Torbjørn Egner

Når en listepekernode
peker bort, så peker hodet
på en port som peker videre hvis lærer’n får det til.
Og mens snørr og tårer renner
og lærer’n skjærer tenner
tar han frem en neve pekere og sender dem til Nil.
[Nil er det samme som ingenting]
[Lærer: Ja, jeg veit det!]
Og mens pekerne blir flere,
og vi strever mer og mere,
og q^n.neste^n.forrige^n.neste^n.node hopper over på
tryller lærer’n frem en node
med et firedobbelt hode [et firedobbelt hode?]
og så rører han alt sammen ned i roten på et tre.
[Et tre er det samme som en binær liste]
[Lærer: Jass, det visste jeg ikke!]

Og med listehodets neste
er det første vi må teste
om den største postens nodepekerliste er blitt full.
Men så skjærer seg det meste,
det kan hende selv den beste,
at maskinen løper løpsk og hele greia blir no’ tull.
[Og lærer’n er et null]

Peker k og peker l
forsvinner begge med et smell
idet vår datalærer kaster dem i gulvet med et brak.
Og da gjenstår kun en liste-pekernode^n.nodepeker^n.siste,
og den stabler vi omhyggelig på toppen av en stakk.
[En stakk er det samme som en stabel.]
[Lærer: Ja, en stabel tallerkner pleier nå jeg si]

Addicted To vi

Unknown
Tune: Unknown, with apologies to Robert Palmer

You press the keys with no effect,
Your mode is not correct.
The screen blurs, your fingers shake;
You forgot to press escape.
Can’t insert, can’t delete,
Cursor keys won’t repeat.
You try to quit, but can’t leave,
An extra “bang” is all you need.
You think it’s neat to type an “a” or an “i”–
Oh yeah?
You won’t look at emacs, no you’d just rather die
You know you’re gonna have to face it;
You’re addicted to vi!
You press the keys without effect,
Your life is now a wreck.
What a waste! Such a shame!
And all you have is vi to blame.
Oh–You think it’s neat to type an “a” or an “i”–
Oh yeah?
You won’t look at emacs, no you’d just rather die
You know you’re gonna have to face it;
You’re addicted to vi!

You edit files one at a time;
That doesn’t seem too out of line?
You don’t think of keys to bind–
A meta key would blow your mind.
H, J, K, L? You’re not annoyed?
Expressions must be a Joy!
Just press “f”, or is it “t”?
Maybe “n”, or just “g”?

Oh–You think it’s neat to type an “a” or an “i”–
Oh yeah?
You won’t look at emacs, no you’d just rather die
You know you’re gonna have to face it;
You’re addicted to vi!
Might as well face it,
You’re addicted to vi!

Petter’s Computer Science Songbook

26
Ain’t no chatting

Unknown
Joachim Breitner
Bill Withers, Ain’t no sunshine

Ain’t no chatting when it’s down
I’m not on when it turns off
Ain’t not chatting when it’s down
And it’s always down so long
Anytime it goes off line
Wonder this time why it’s down
Wonder if they’ll get it fixed
Ain’t no chatting when it’s down
And the net just can’t reach home
Anytime it goes off line
And I wait, I wait, I wait, I wait,
I wait, I wait, I wait, I wait, I wait,
I wait, I wait, I wait, I wait, I wait,
I wait, I wait, I wait, I wait, I wait,
I wait, I wait, I wait
(Hey, I ought to call them on the phone)
Since I’m not chatting when it’s down
Ain’t no chatting when it’s down
Only fan noise all the day
Ain’t no chatting when it’s down
And the net just can’t reach home
Anytime it goes off line
Anytime it goes off line
Anytime it goes off line
Anytime it goes off line
Anytime it goes off line
Anytime it goes off line
Anytime it goes off line
Anytime it goes off line
Anytime it goes off line

Another year at university

Unknown
Joachim Breitner
Phil Collins, Another day in paradise

She looks up from her math exam sheet
"Oh, I can’t help me!
I have expectations to meet,
No solutions come to me!"
My neighbor, doesn’t look up
He’s prepared, I can see that
Starts to whistle as he’s done with the test
Seems quite happy he’s made it
Oh think twice, it’s another year for you at university
Oh think twice, it’s just another year for you, you at university
Think about it!
"Oh lord, is there nothing left that I can recall
Oh lord, there must be some hint you can say"
You can tell from the lines on her test
They are blank, nothing on there
Probably her mind had not had enough rest
When she stuffed the math in there
Oh think twice, it’s another year for you at university
Oh think twice, it’s just another year for you, you at university
Just think about it!
Think about it!

It’s another year for you at university
It’s another year for you at university
College Teacher

Unknown
Joachim Breitner
Tina Turner, Private Dancer

Well the kids come in these places
And the kids are all the same
You don't look at their faces
And you don't ask their names
You don't think of them as human
You don't think of them at all
You keep your mind on your research
Keeping your eye on the board
I'm your college teacher
A teacher for livetime
Teaching is what I have to do
I'm your college teacher
A teacher for livetime
Any any old matter will do
I want to make a great invention
I want my papers be cited
Hold my own chair and some postgrads
Yeah I guess I'm a reasearcher
All the kids come in these places
And the kids are all the same
You don't look at their faces
And you don't ask their names
Chorus (twice)
A student's final year's project - oh please no more
Let me ask you just one question
Tell me do you think I care about the students in here
Chorus (twice and fade out)

I'll be blogging it

Unknown
Joachim Breitner
The police, Every Breath You Take

Every food I take
Every noise I make
Every car I break
Every lie I stake
I'll be blogging it
Every single day
Every word I say
Every game I play
Every cent I pay
I'll be blogging it
Oh can't you read
What's on my feed
How my weblog grows
As the net time flows
Every meme I take
Every cake I bake
Every noise I make
Every track back fake
I'll be blogging it

Since I blog I never live without a trace
I type at night I will win the weblog race
I look real nice but just on my planet face
I feel so hyped and as long as that's the case
I keep blogging today today please...
Oh can't you read
What's on my feed
How my weblog grows
As the net time flows
Every food I take
Every lawn I rake
Every cake I bake
Every car I break
I'll be blogging it
Every swim I lake
Every song I make
I'll be blogging it
I'll be blogging it
e-Mail

Unknown
Joachim Breitner
Uriah Heep, Free Me

e-mail, e-mail
Why don’t just e-mail
e-mail to the world
Type it and e-mail
Why don’t just e-mail
Type it and e-mail
e-mail to the world
Why should I worry
Where my cell phone I did put
It’s not the only way
That I contact home
You talk so shrilly
I like to hear you not
So why should I pick up the phone
As far as I can tell
You write so well
I think always
At the end of the lett’r
You could have said it
And I would get it
Though mailing is
Always better
At first, stupid flamer
I’ll never gonna miss your mail
But sooner or later
I’ll put you on my kill file
And won’t tell you ’bout it!

e-mail
Type it and e-mail
Why don’t just e-mail
e-mail to the world
It’s easy: e-mail
Why don’t just e-mail
Type it and e-mail
e-mail to the world
We love to read the spam
We love to pass it on
Though you tried to
Filter all of it out
But with all my skill
Your folder will fill
So tomorrow it’ll be floating out
All saying:
At first, stupid flamer
I’ll never gonna miss your mail
But sooner or later
I’ll put you on my spam list
And won’t tell you, fool!

e-mail
Type it and e-mail
Why don’t just e-mail
e-mail to the world
Type it and e-mail
I’m on the net, fool,
e-mail
Why don’t you e-mail
e-mail to the world
Just try it: e-mail
Why don’t just e-mail
Type it and e-mail
e-mail to the world
Email addresses

David Barr  barr@pop.psu.edu
Alan Cox  alan.cox@linux.org
Ken Hornstein  kenh@physci.psu.edu
William A. Levinson  wlevinso@ix.NOSPAMnetcom.com
Morten A. Middelthon  morten@freenix.no
Greg Nagy  nagy@cs.psu.edu
Lill Berg Nordheim  news@littlemy.net
Richard M. Stallman  rms@gnu.org
Stein Vraale  stein@terminator.net
Jørgen Wahlberg  jw@anakon.no
Mari Wang  mariw@acm.org
Ole Aamot  ok@student.matnat.uio.no
Bob Kanefsky  kanef@songworm.com
Joachim Breitner  mail@joachim-breitner.de