

# Solutions

Learn TCPDUMP, and spying on your programs with STRACE. Matching up the cover wizard with the internal (learnings) and using the intersected number as an index gives the answer TCPDUMP.

Program instructions: HOW GET WORKS becomes GET YOUR WORK RECOGNIZED.

Take all the extra letters in order spells A TINY ZINE. VERBS = GDB SERVER + E. ZONES = OPENSNOOP + Z PINGER = NGERP + I DING = DIG + N GRED WIZH RANKER = WIRSHARK + N VINYL DRAG = VALGRIND + Y NO POP ANTEACT = NETCAT + A SCATTER = STRACE + T, NATTEST = NETSTAT + I

Go and fit it: After finding all the words in the grid, the leftover letters spell MOST RECENT OR CURRENT COMMIT IN THE CURRENT TREE LIMB. THE ANSWER IS HEAD BRANCH.

Probation: Taking the numbers squares spells IT'S ALWAYS DNS.

Thinking cap: Following the maze from entry to exit yields the message TUPYTER.

META: Filling in the acrostic with the answers to the other puzzles yields HAPPY BIRTHDAY JULIA! YOU'RE A COMPUTER WIZARD!

# Credits

Hunt based on Puzzlecraft Workbook  
Matching images from Wizard Zines

# Happy birthday Julia!

How else to celebrate your birthday but with a zine?!?  
But, you'll need to solve a few puzzles to get your birthday wishes! Wishing you the best.

- Maya

1	2	3	4	5	6	7	8	9	10	11	12	13	
14	15	16	17	18	19	20	21	22	23	24			
25	26	27	28	29	30	31	32	33	34	35	36	37	38

	25	4	11	21	27	28
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	23			20	15	8		26	37	
--	----	--	--	----	----	---	--	----	----	--

22										
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2	9	7		19	35	17		31
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1		18		6	32	24				10
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34	30			12	16	33	36	13			38		
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14	29	3	5				
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# A magical education



(10! 3!) •

7



(3! 0 4) •

3

3

2



(9 & 7 4 4) •

1

5

7



(5 9 5 3 2 4) •

2

1

12



(2 3 4 2 2 1 6) •

5

8

7



(3! 1 5 7) •

1

2

6

6



(6 2 4 8 4 6) •

10

15

13

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- what happens if I change THIS?

- profile this program!  
collect system calls!

- what's the IP for jms.ca?  
DNS request

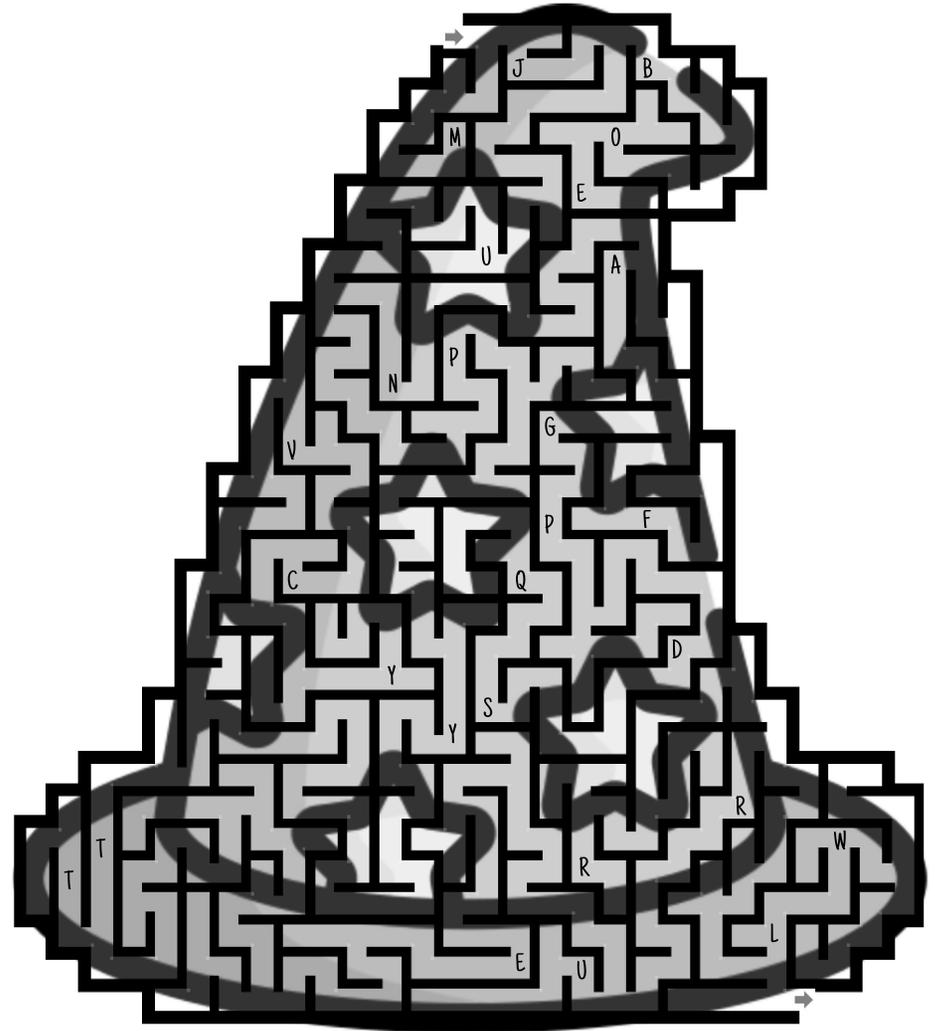
- amazing! SYSTEM CALLS!!!  
Wow! \*

- NOPE your limit was 500 MB you die now!  
Linux

- So! I ♥ netstat becau it tells me which process are running on which port

- (complicated but it work)

# Thinking cap



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# Propagation

S A L T Y W I N D

		L		D <sup>2</sup>		I <sup>11</sup>	
	W <sup>1</sup>		S		A		D Y
Y			L I		S		
I		<sup>3</sup>			D		Y W
<sup>6</sup>	D			<sup>8</sup>	N		S
	T		W		S I <sup>4</sup>	<sup>10</sup>	
S	I			<sup>7</sup>	L Y		T
<sup>5</sup>	A			<sup>9</sup>			W
		N T		I A			<sup>12</sup>

1	2	3	4	5	6	7	8	9	10	11	12
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# Program instructions

1. Write the name of your newest zine, without spaces. Hint, it's about trees!
2. Change the pronoun to YOU.
3. Move the T left by three places.
4. Move the first three letters to the end of the phrase.
5. Replace the three-letter word at the end of the phrase with a four-letter word of what you write when you write a computer program, or another word for cipher.
6. Insert the four-letter educational publication you write backwards between the 12th and 13th letters.
7. Move the first E left by two places, and the second E left by one place.
8. Insert an E after the G, an R after the U, and a G before the N.
9. Change the 12th letter to the letter preceding it alphabetically. That's it!

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# Decompile

ANTE ACT = \_\_\_\_\_ + \_\_\_\_\_

SCATTER = \_\_\_\_\_ + \_\_\_\_\_

NATTIEST = \_\_\_\_\_ + \_\_\_\_\_

WISH RANKER = \_\_\_\_\_ + \_\_\_\_\_

VINYL DRAG = \_\_\_\_\_ + \_\_\_\_\_

NO POP ZONES = \_\_\_\_\_ + \_\_\_\_\_

PINGER = \_\_\_\_\_ + \_\_\_\_\_

DING = \_\_\_\_\_ + \_\_\_\_\_

GREED VERBS = \_\_\_\_\_ + \_\_\_\_\_

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# Go and git it

T	R	E	V	E	R	H	C	T	I	W	S
M	I	N	I	T	O	S	T	B	T	R	E
C	E	M	H	C	T	E	F	U	N	T	E
D	O	G	M	L	R	L	O	G	C	G	U
E	I	I	R	O	R	K	R	R	R	E	N
R	T	F	C	N	C	E	H	E	L	P	S
O	O	N	F	E	M	S	M	P	M	U	U
T	W	O	H	S	T	A	I	O	T	S	T
S	E	C	I	A	L	N	T	R	T	H	A
E	H	S	S	B	E	L	C	T	D	E	T
R	U	H	E	E	R	R	U	E	N	D	S
T	T	R	E	R	E	L	I	P	M	B	A

ADD	COMMIT	HELP	PUSH	REVERT
BLAME	CONFIG	INIT	REBASE	SHOW
BUGREPORT	DIFF	LOG	REMOTE	STASH
CHECKOUT	FETCH	MERGE	RESET	STATUS
CLONE	GREP	PULL	RESTORE	SWITCH

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