

Programming !Fun

Agenda

1. Introduction
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4. Programming and fun
5. Automate your life
6. Script everything
7. Quine
8. Cheating Quine
9. Do it with passion
10. Competitive Programming

Introduction

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What is programming?

Hello World!

```
.model small
.data
    msg db 10d,13d,"Hello World$"

.code
    mov ax,@data
    mov ds,ax

    lea dx,msg
    mov ah,09h
    int 21h

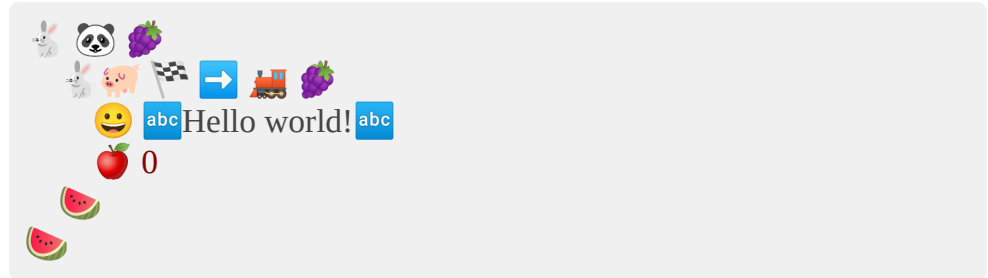
    mov ah,4ch
    int 21h
end
```

Hello World!

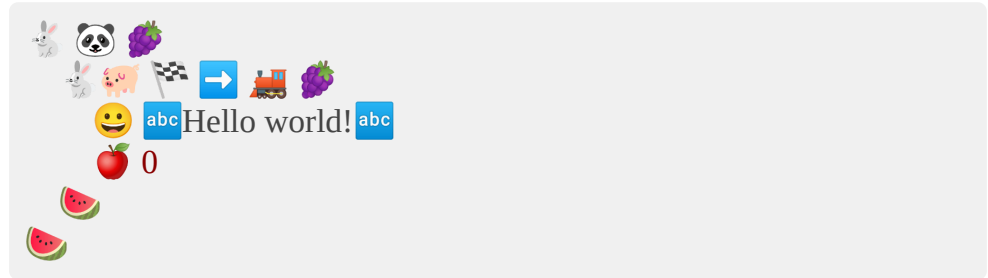
```
#include<stdio.h>

int main(void)
{
    printf("Hello, world!");
    return 0;
}
```

Hello World!



Hello World!

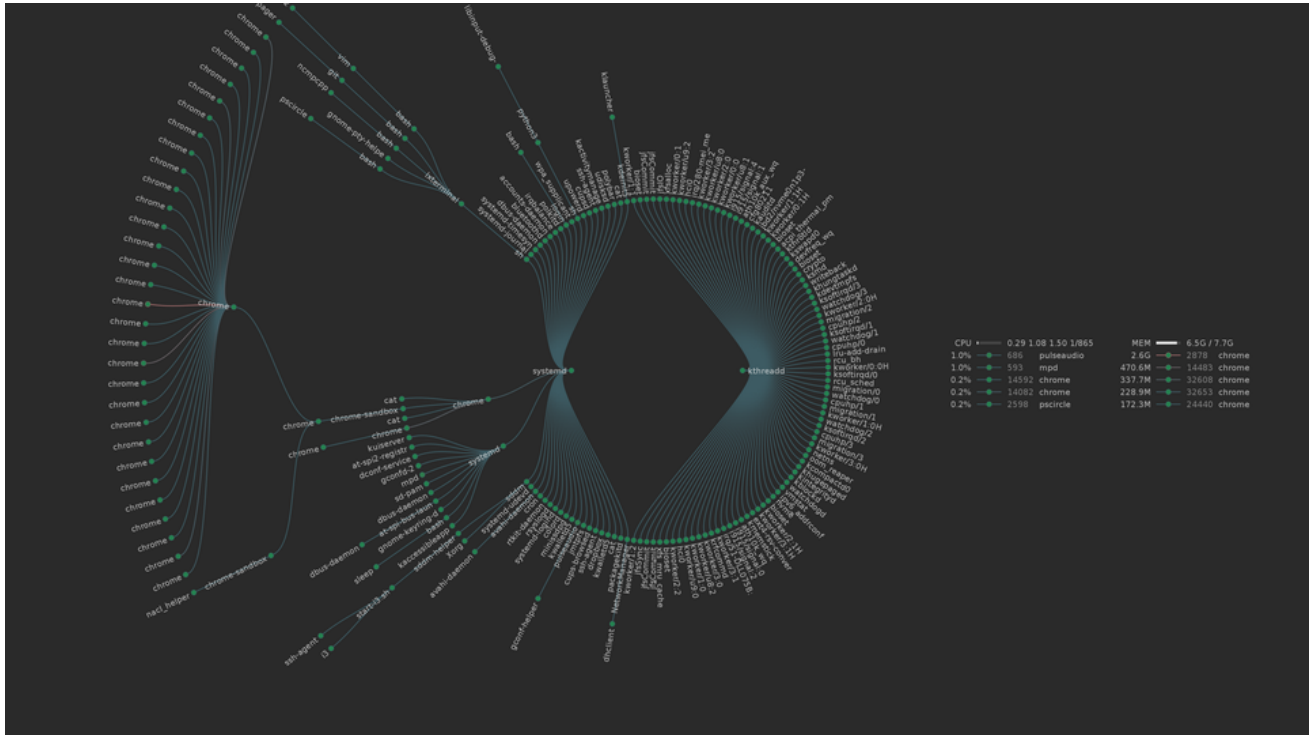


Please don't use this one!

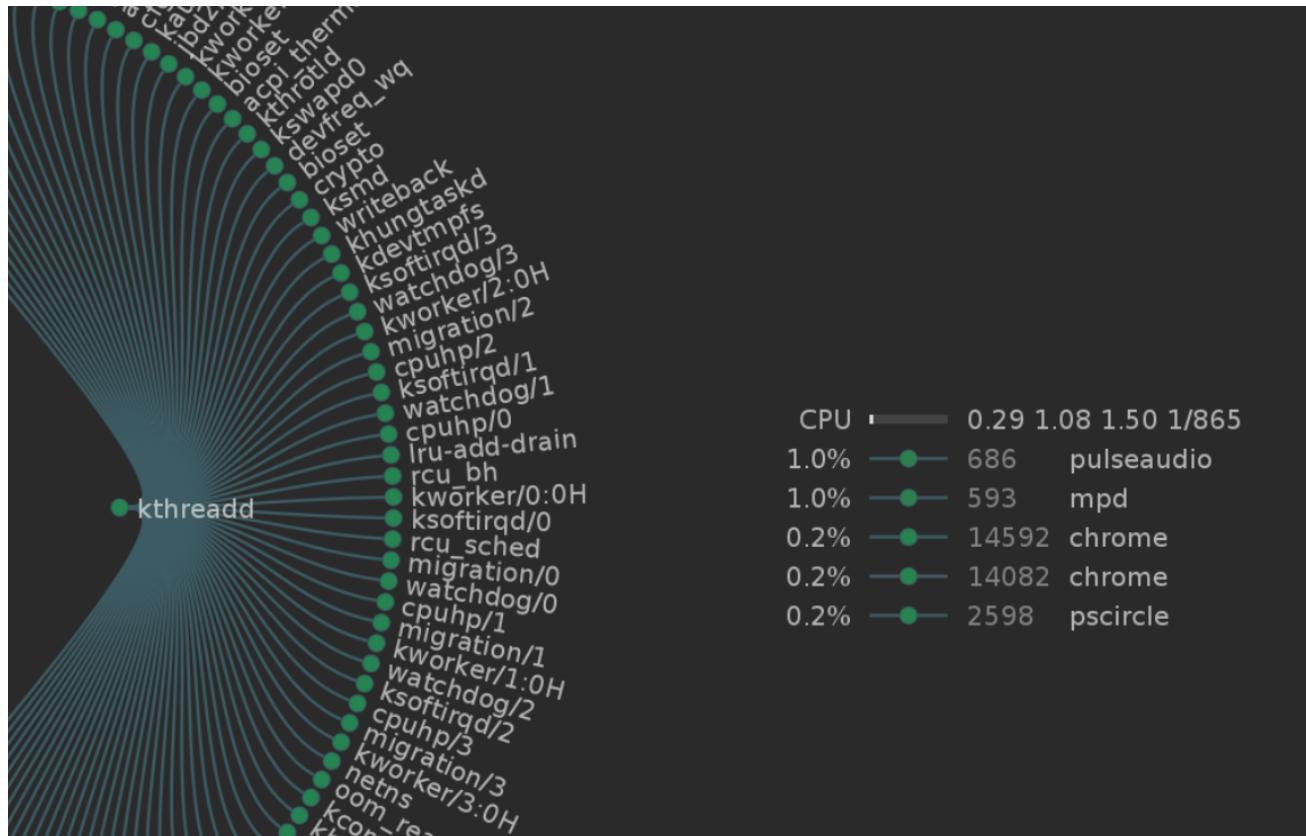
What's next?



What's this?



Hmmm...



<https://gitlab.com/mildlyparallel/pscircle/>

Story Time

Time is valuable



Zhuowei Zhang
@zhuowei



Never spend 6 minutes doing something by hand when you can spend 6 hours failing to automate it

Automating the life

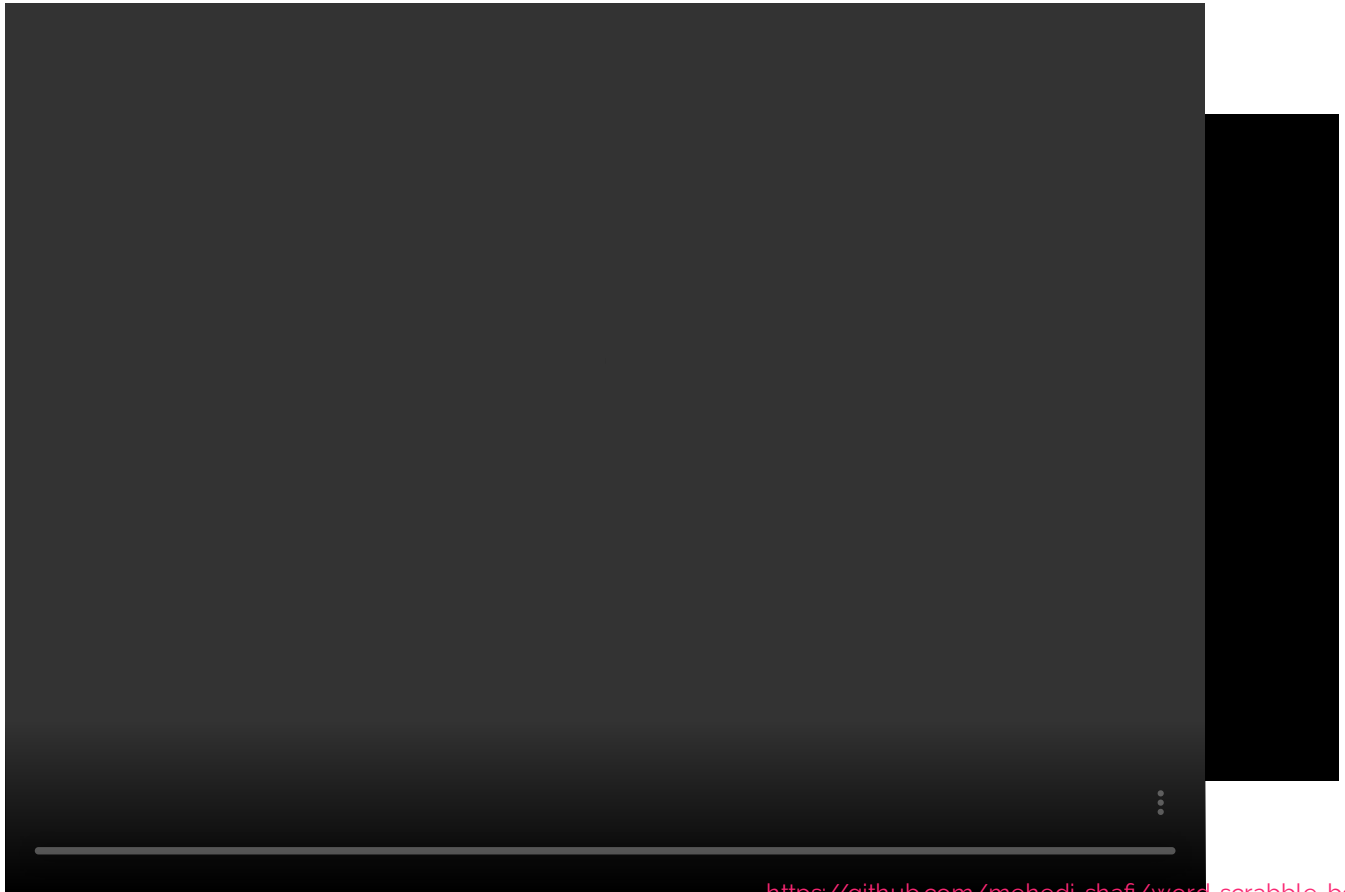
hacker-who-automated-stuffs

Automating the life

hacker-who-automated-stuffs

... scans the inbox for emails from "Kumar" (a DBA at our clients). Looks for keywords like "help", "trouble", "sorry" etc. If keywords are found - the script SSHes into the clients server and rolls back the staging database to the latest backup. Then sends a reply "no worries mate, be careful next time".

Beat the game?



<https://github.com/mehedi-shafi/word-scrabble-bot>

Script Everything!!!

Quine

secretgeek.github.io/html_wysiwyg/

```
<html>

<head>

<title>This page is a truly naked, brutalist html quine.
</title>

</head>

<body>

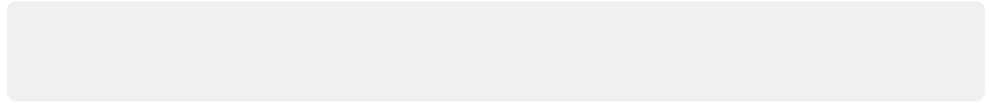
<h1>This page is a truly
naked, brutalist html quine.
</h1>

<p>One of my favorite things is to misuse technology in
creative ways. Breaking the rules without breaking the
```

Quine

How to write the smallest quine?

Cheating quine



If you do what you love, you'll never work a
day in your life.

- Marc Anthony

Competitive programming

Or Development?

Why would/should I do these??

Incentives

Better job

Incentives

Better job

Better Salary

Incentives

Better job

Better Salary

Challenge for brain

Incentives

Better job

Better Salary

Challenge for brain

Taste of creation

Any Question?

How did I do?

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<https://github.com/mehedi-shafi>