

MALWARE



**Mateo Balbarin
Wendy Zhang**

**Online civil disobedience, Hacking,
& violence as artistic mode**

WHAT IS MALWARE?

MALICIOUS SOFTWARE ↓

VIRUSES

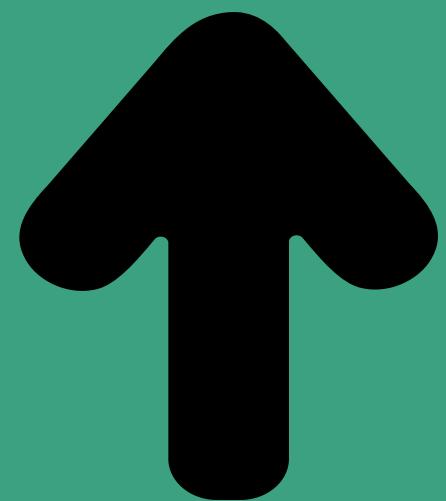
ADWARE

TROJANS

RANSOM-
WARE

SPYWARE

CASE STUDIES



LICHEN

1994 Espacio Byte



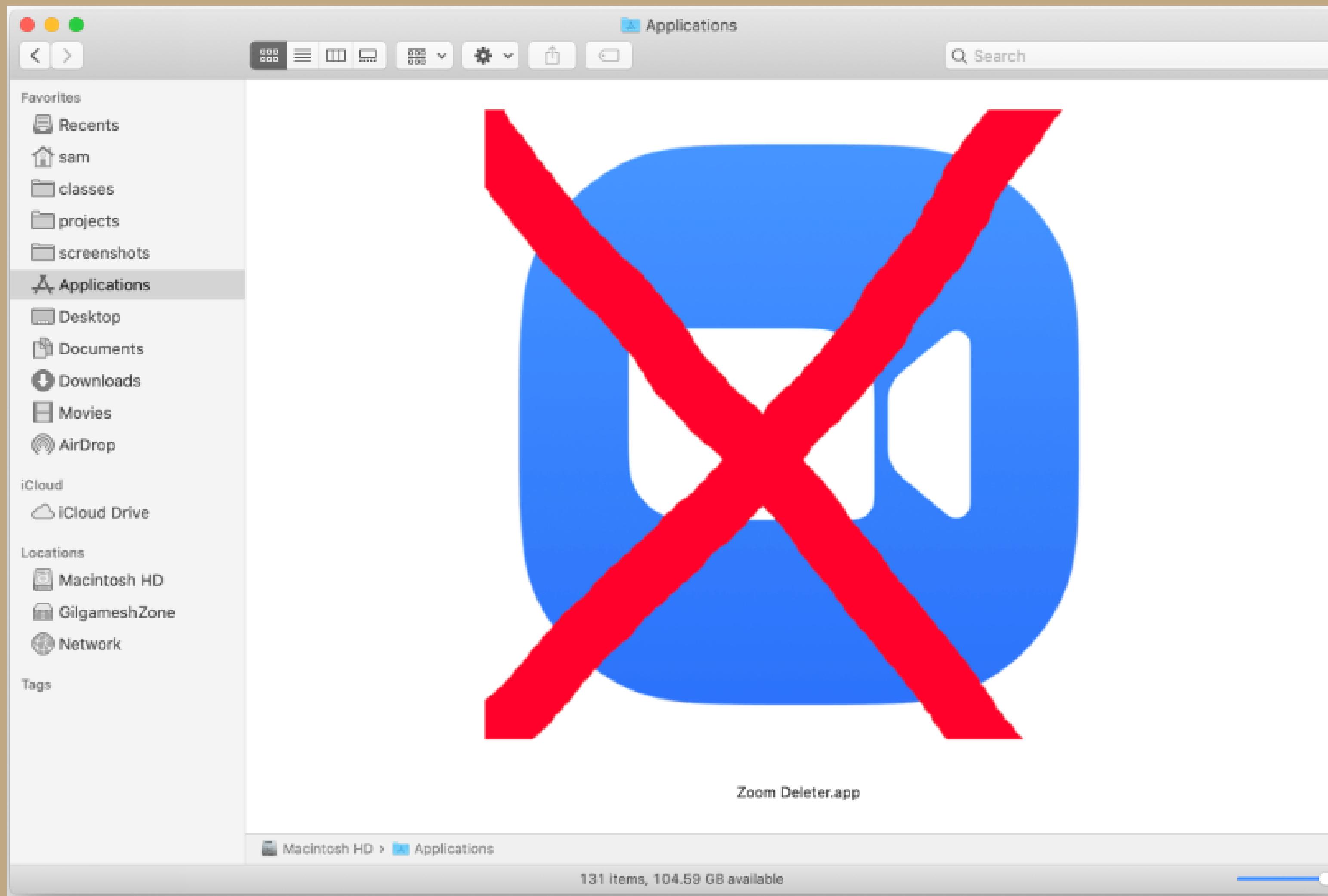
SLOW HOT COMPUTER

2016 Sam Levigne



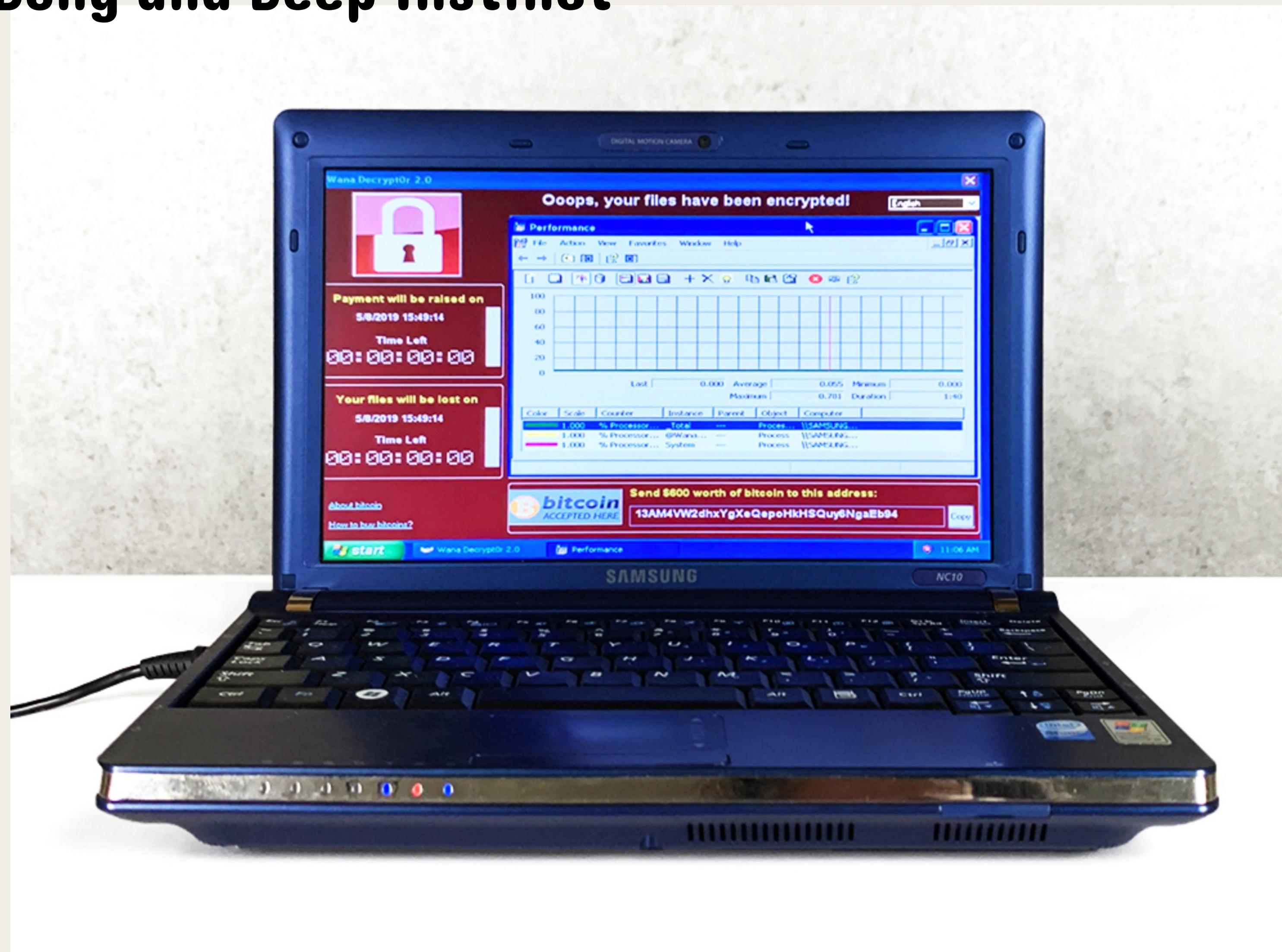
ZOOM DELETER

2021 Sam Levigne



THE PERSISTENCE OF CHAOS

2019 Guo O. Dong and Deep Instinct



PROJECT!

ALVIN SAYS HI!



Alvin Says Hi!

POPUPS

**SOFTWARE
FOR PEOPLE**

Agenda

● P1

● P2

○ P3

Resources

People

Calendar

30.08.2024

09.09.2024

16.09.2024

23.09.2024

30.09.2024

07.10.2024

14.10.2024

21.10.2024

28.10.2024

04.11.2024

11.11.2024

18.11.2024

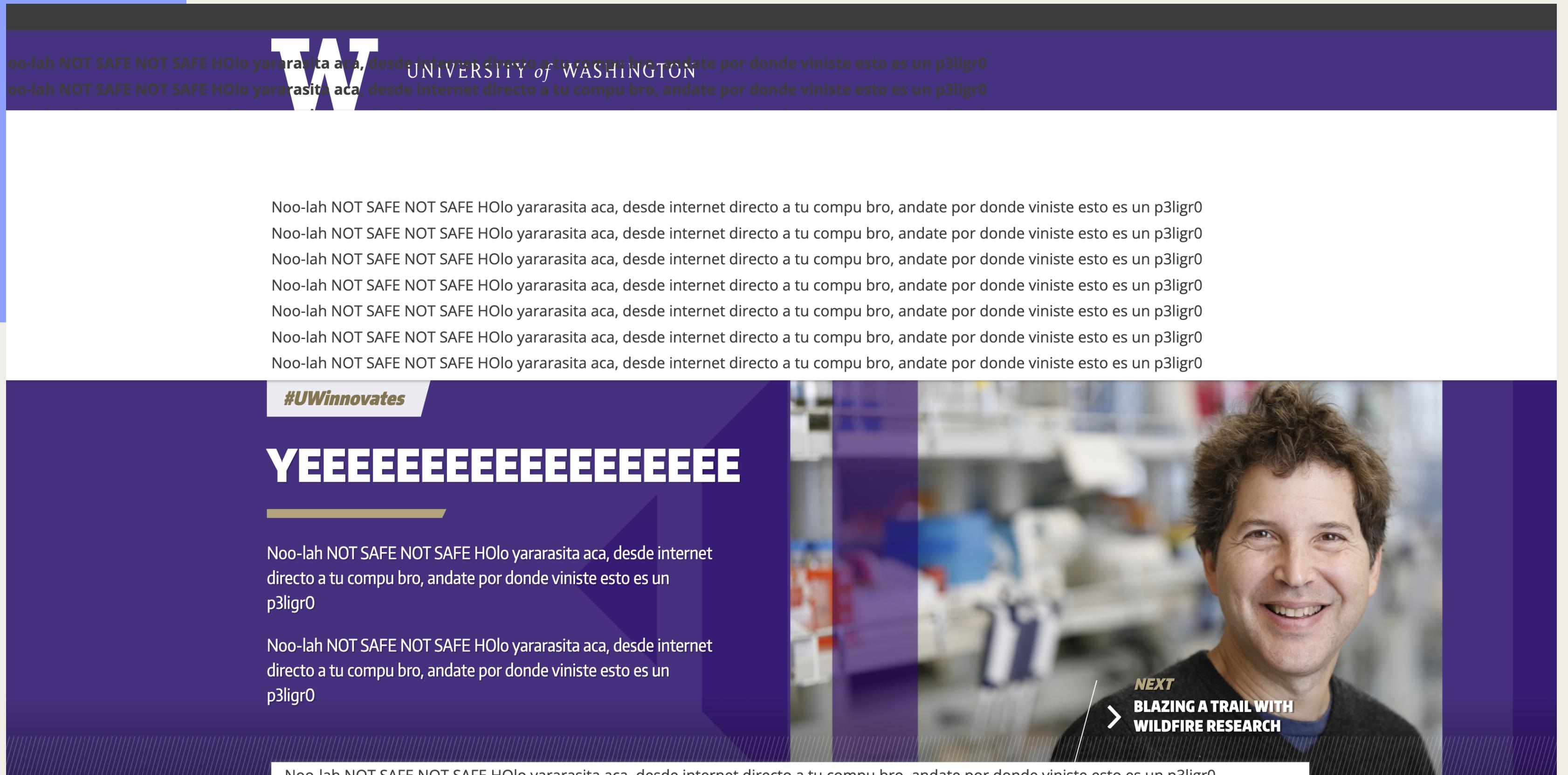
02.12.2024

**HOW WE MADE
THIS**

FURBIFY

2022

Yarasita



MANIFEST.JSON

The screenshot shows a code editor interface with a dark theme. At the top, there's a navigation bar with tabs: Welcome, JS content.js, Alvin.png, manifest.json (which is currently active), background.js, and Below the tabs, the title bar says "Artistic Malware". The main area displays the manifest.json file content:

```
1  {
2    "manifest_version": 3,
3    "name": "ALVIN SAYS HI",
4    "version": "1.0",
5    "permissions": ["tabs", "activeTab"],
6    "background": {
7      "service_worker": "background.js"
8    },
9    "content_scripts": [
10      {
11        "matches": ["https://2024-software-for-people.pages.dev/*"],
12        "js": ["content.js"]
13      }
14    ],
15    "description": "Displays popups when visiting the class website and assoc"
16  }
```

The sidebar on the left shows a file tree with the following structure:

- ARTISTIC MALWARE
- Images
 - Alvin.png
- JS background.js
- JS content.js
- manifest.json

At the bottom of the editor, there are status indicators: Ln 15, Col 68, Spaces: 4, UTF-8, LF, JSON, Go Live, and a bell icon.

POPUPS

```
function createPopup() {  
    const popup = document.createElement('div');  
    popup.style.position = 'fixed';  
    popup.style.width = '50%';// width  
    popup.style.height = '50%';// height  
    popup.style.backgroundColor = 'white';  
    popup.style.border = '2px solid black';  
    popup.style.zIndex = 1000;  
    popup.style.display = 'flex';  
    popup.style.flexDirection = 'column';  
    popup.style.alignItems = 'center';  
    popup.style.justifyContent = 'center';  
    popup.style.fontSize = '50px';// font size  
    popup.id = 'page-popup';
```

TEXT AND IMAGE

```
const text = document.createElement('span');
text.textContent = 'Alvin Says Hi!';
text.style.display = 'inline-block';

const img = document.createElement('img');
img.src = 'https://i.imgur.com/87sYqnx.png'; //alvin's face!
img.alt = 'Alvin Image';
img.style.width = '400px';
img.style.height = 'auto';
```

POSITIONING

```
const x = Math.random() * (window.innerWidth - popup.offsetWidth);  
const y = Math.random() * (window.innerHeight - popup.offsetHeight);  
popup.style.left = `${x}px`;  
popup.style.top = `${y}px`;
```

POSITIONING

```
function checkForAlvinlPage() {
    const currentUrl = window.location.href;
    const baseUrl = 'https://2024-software-for-people.pages.dev/';

    if (currentUrl.startsWith(baseUrl)) {
        createPopup();

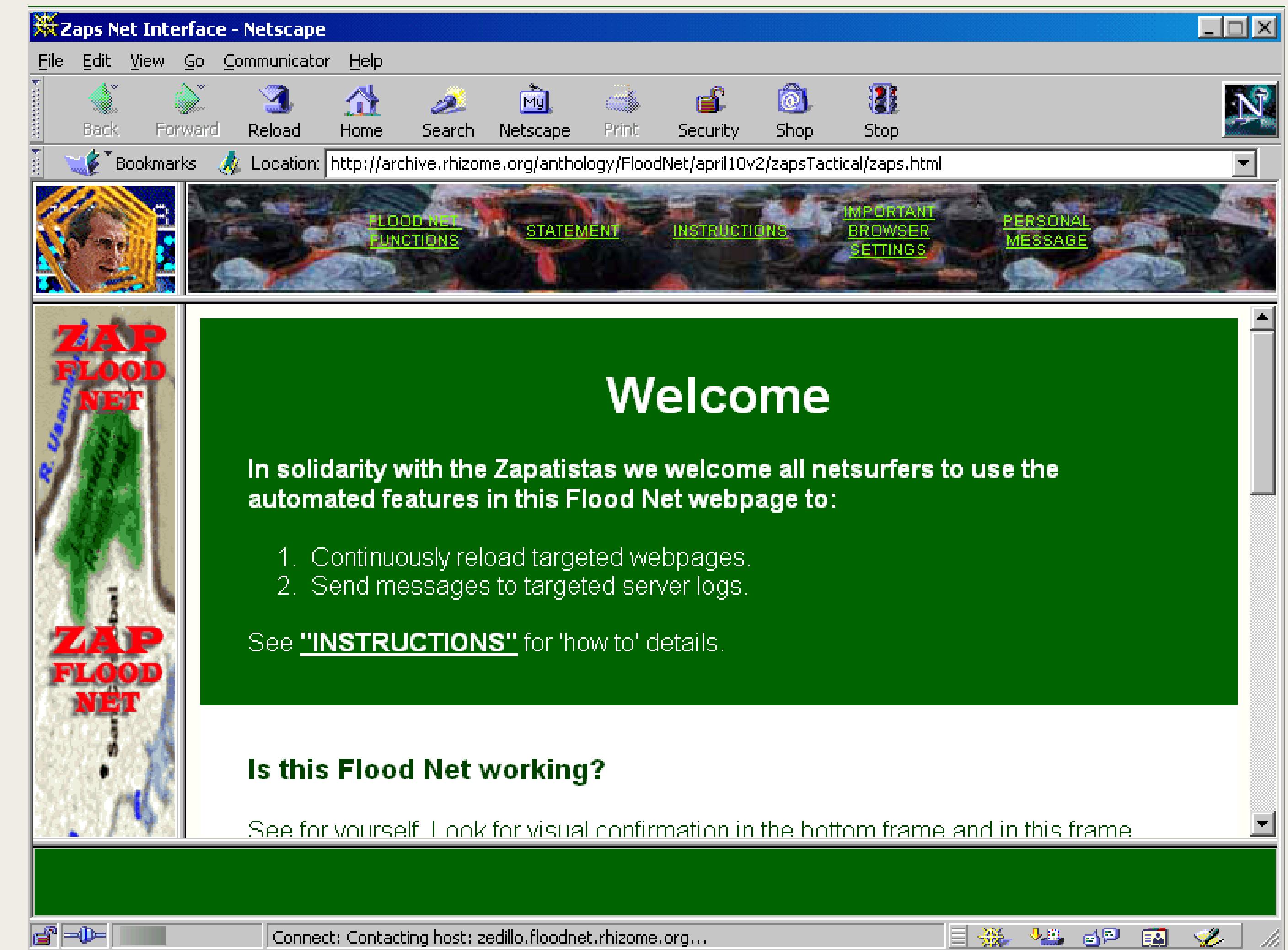
        const duration = 20000; //stops spawning after 20 secs
        const interval = 10; //every 10 ms
        let elapsedTime = 0;

        const popo = let elapsedTime: number () => {
            if (elapsedTime < duration) {
                createPopup();
                elapsedTime += interval;
            } else {
                clearInterval(popo);
            }
        }, popo;
    }

    window.addEventListener('load', checkForAlvinlPage);
}
```

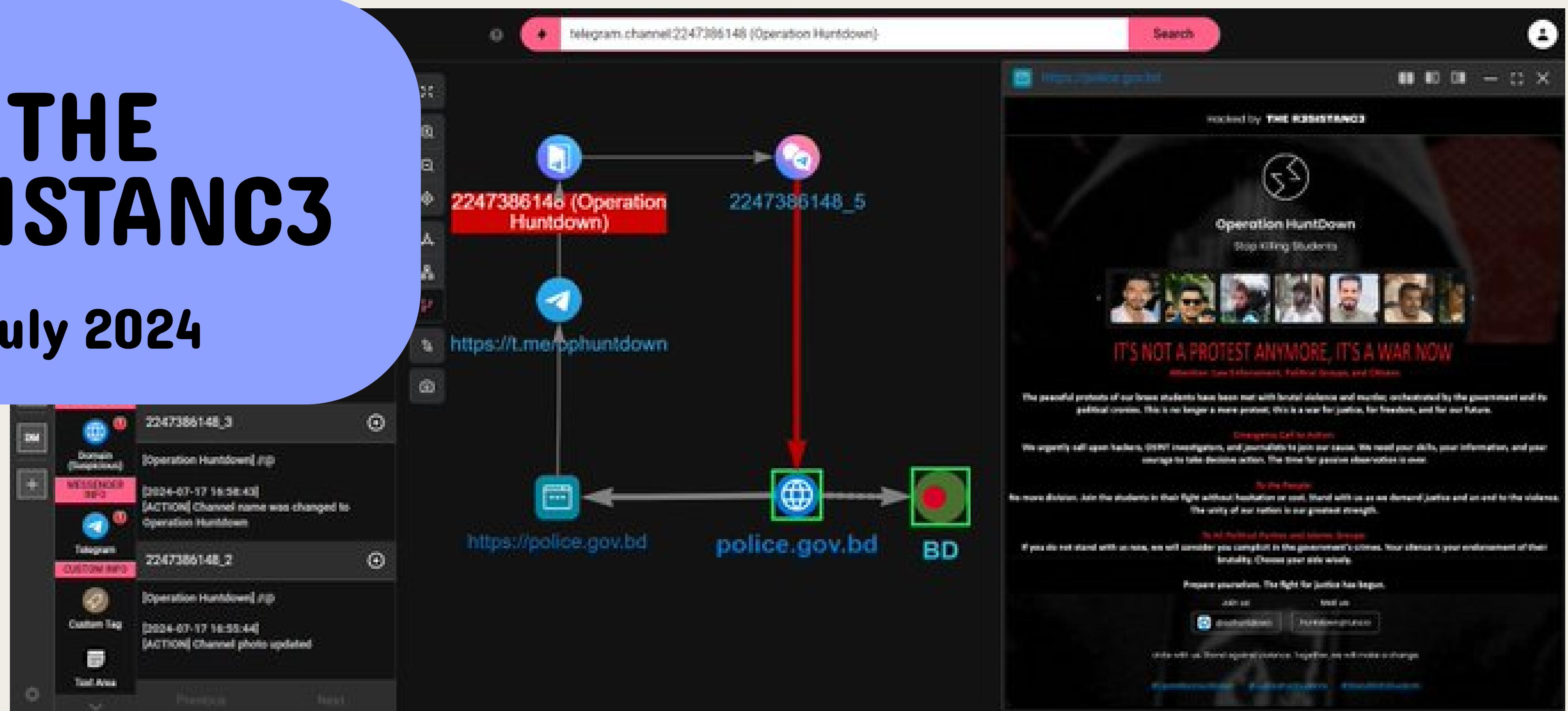
MALWARE AS ACTIVISM

FLOODNET
1988
Electronic Disturbance
Theater



THE R3SISTANC3

July 2024



**THANKS FOR
LISTENING!**