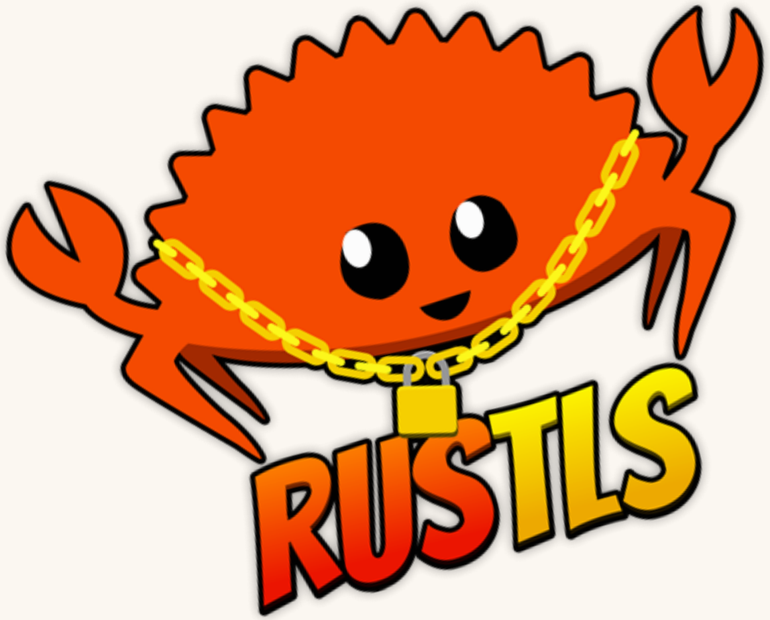
RUST FINAL PROJECT
NETWORK SCANNER



By Phone Myat Pyae Sone (67011642)
La Min Maung (67011615)

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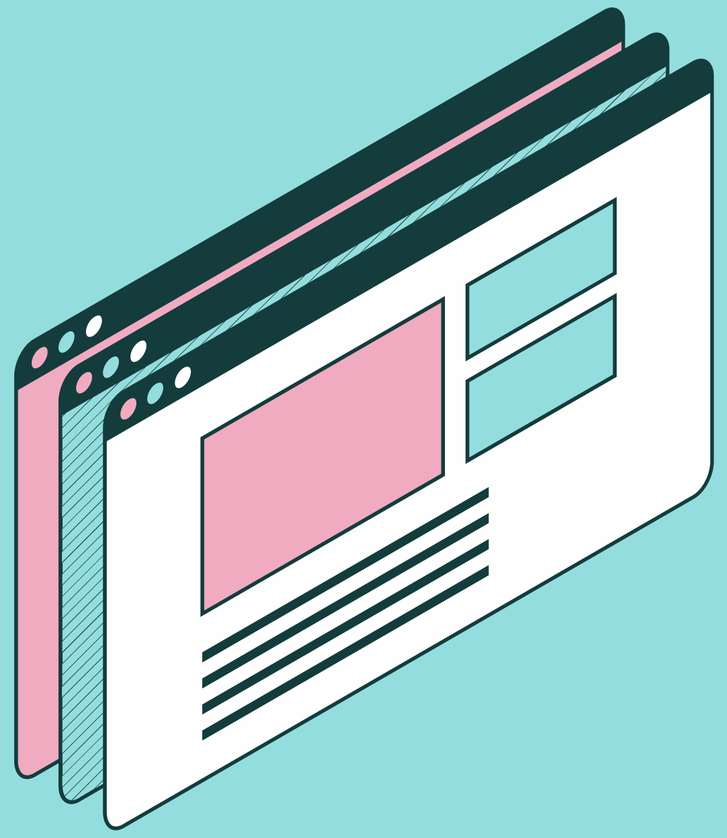
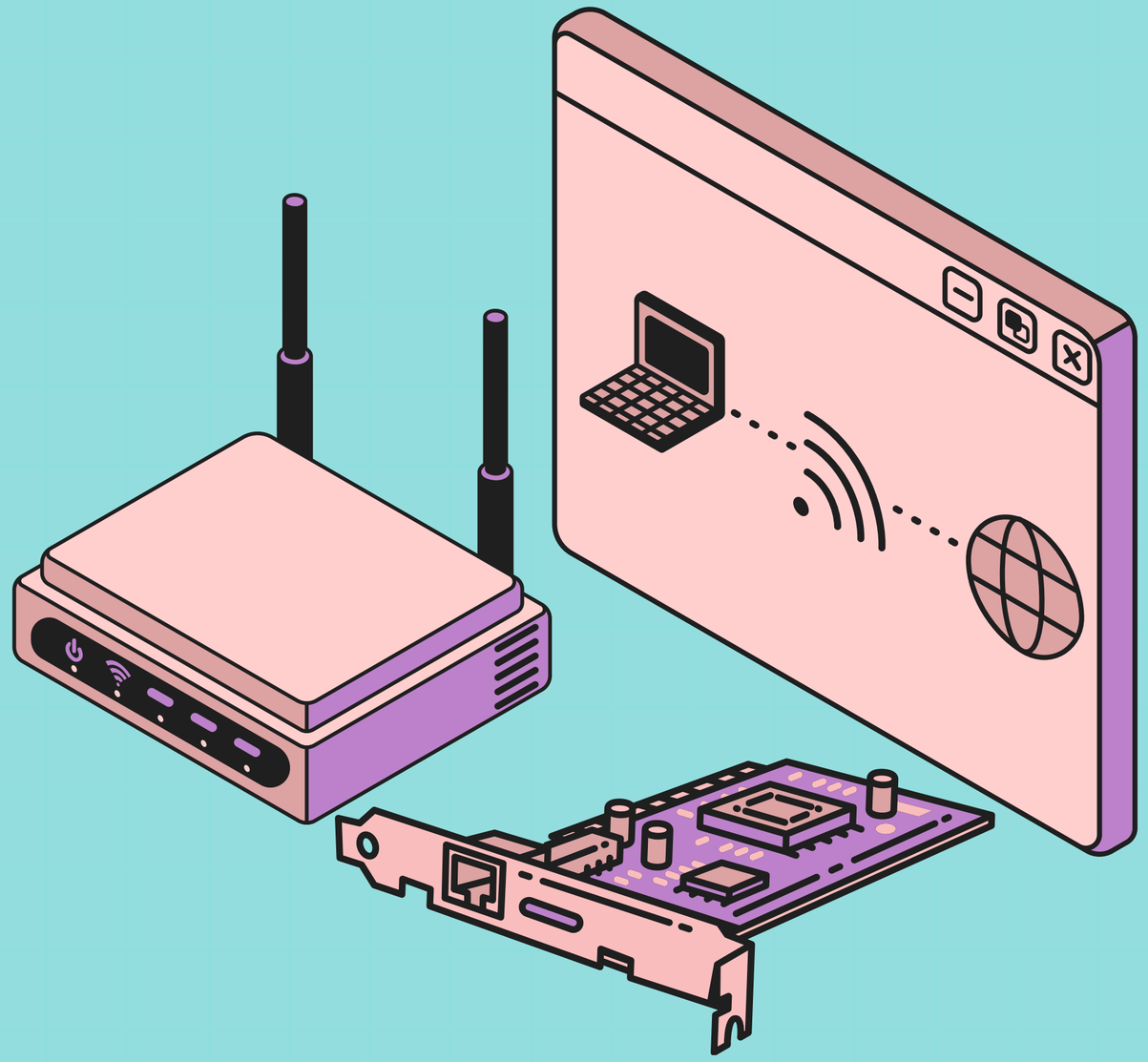


Intro to Network Scanner

A network scanner is a software tool that examines the network , identifies and gather information about Ip addresses and ports.



FEATURES

Port Scanning

- It scans and evaluates the status of ports on an ip address

DNS Scan

- Look up the IP address from DNS name

Service Detection

- Identifies common services based on port numbers

Save Function

- Save and export results as JSON file

INSTALLATION

First, ensure that Rust is already installed on your computer. If not, visit the following link to install it:

> https://www.rust-lang.org/tools/install

1. Clone the repository

> git clone https://github.com/PhoneMyatPyaeSone/network-scanner.git

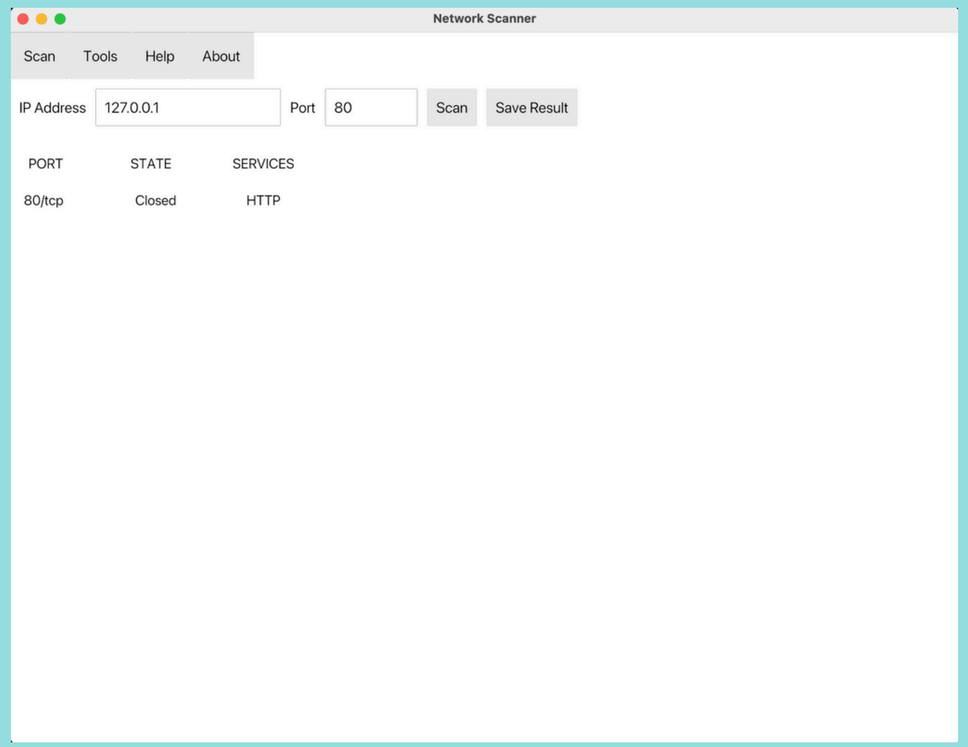
2. Go to project directory
> cd network-scanner

3. Run cargo
> cargo run

USER GUIDE

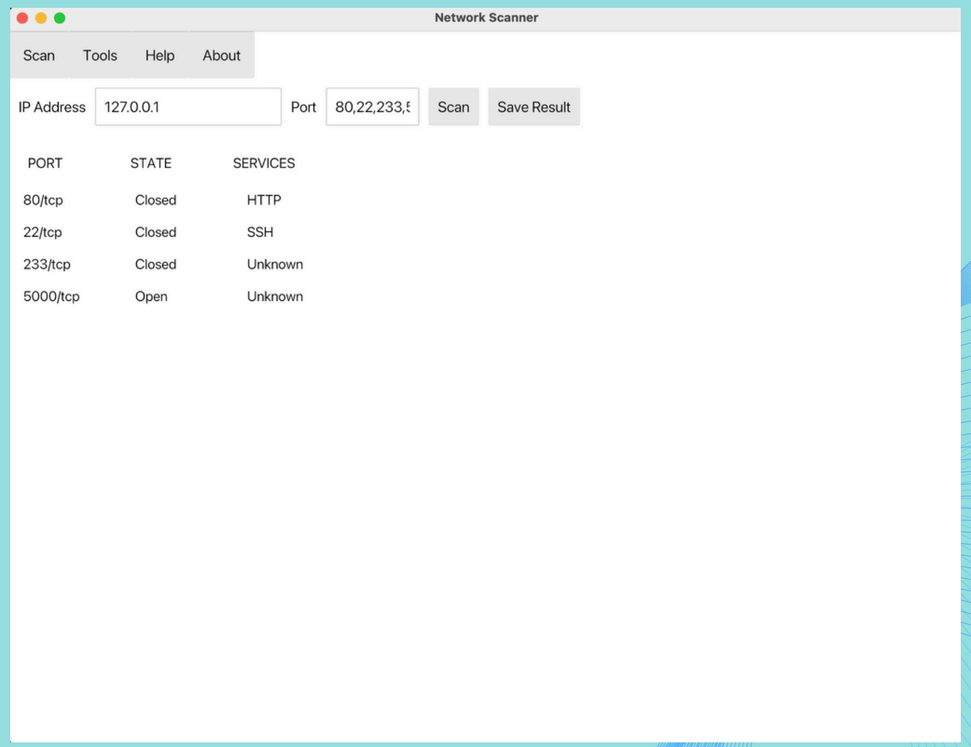
Single Port Scan

You only need to fill a single port number.



Multiple Port Scan

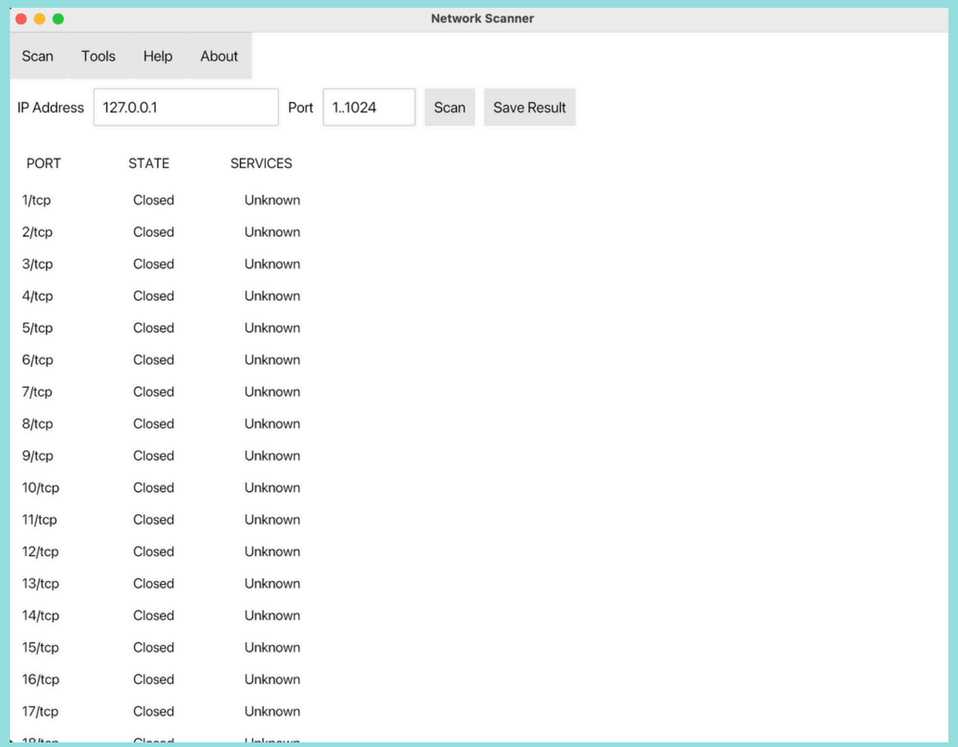
If you want to scan multiple ports, split the port numbers with comma. eg. 80,22,223



USER GUIDE

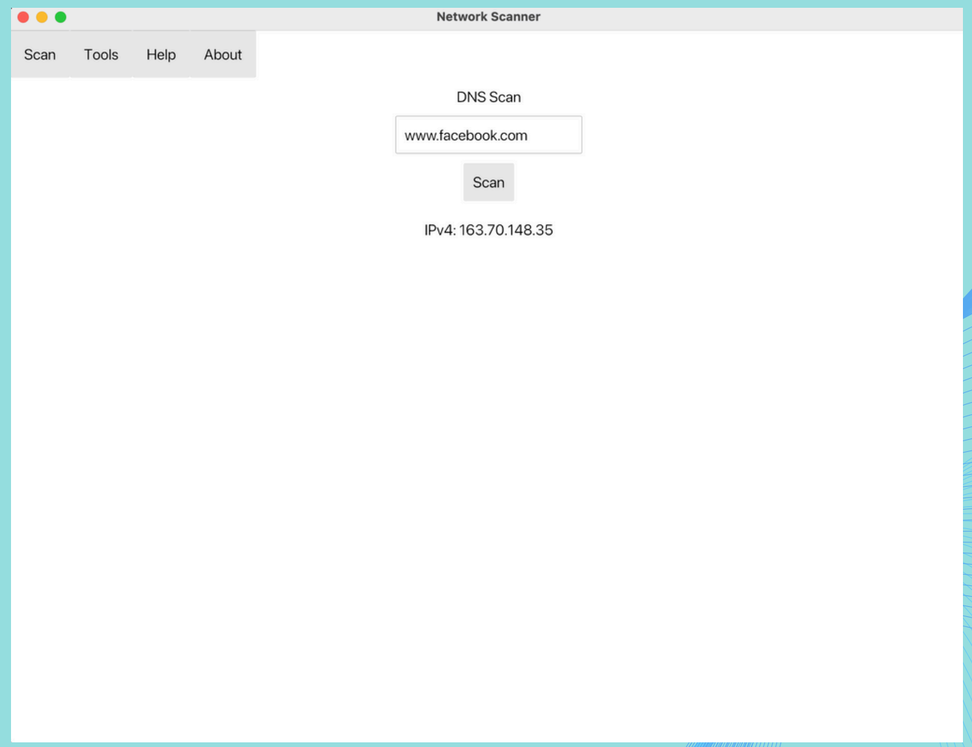
Range Port Scan

If you want to scan ports between 1 to 1024. You can use like this 1..1024.



DNS Scan

If you want to know the IPV4 address of the website. Just enter the domain name address. It will return IPV4 address



THANK YOU