Pause & Resume Cracking

Problem:

- Large wordlists can take a long time
- Aircrack-ng starts doesn't save cracking progress.

Solution:

- Use a program that can store progress to read the wordlist.
- Pipe its output to aircrack-ng.

Piping Wordlist To aircrack

- Large wordlists can take a lot of space..

Solution:

- Generate a wordlist using crunch but don't save it in a file.
- Instead pipe its output to aircrack-ng.

```
crunch  →  Wordlist  →  aircrack-ng
```

Piping Wordlist To aircrack With Pause & Resume Support

- Large wordlists can take a lot of space.
- Ideally we want to be able to:

  1. Use large wordlists without taking up disk space.

  2. Stop cracking and resume without losing progress.

crunch → *Wordlist* → John → *Modified Wordlist* → aircrack-ng

Save/Restore
progress in wordlist
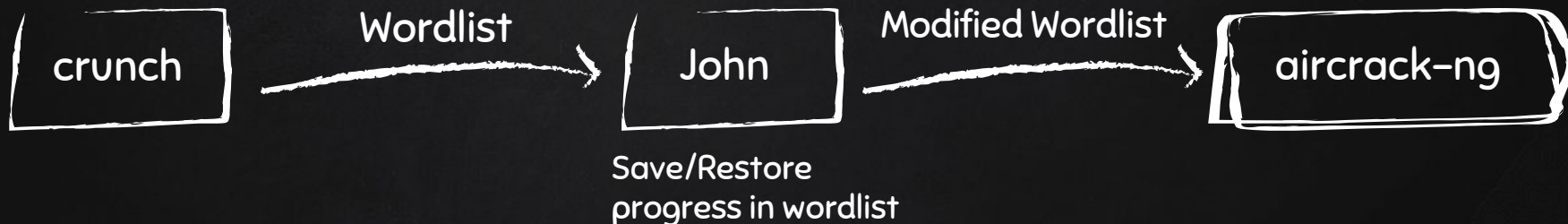
Cracking WPA/WPA2 Using GPU

- GPU is designed to carry out repetitive tasks fast.
- It is more efficient than the CPU at that.
- Cracking hashes is a repetitive task.

–> GPU can be used to crack WPA/WPA2 faster.