

# John the Ripper - Commands Cheat Sheet

## Basic Usage

```
john hashfile # Crack hashes using default mode
john --wordlist=wordlist.txt hashfile # Crack with a wordlist
john --rules --wordlist=wordlist.txt hashfile # Use wordlist + mangling rules
```

## Show Cracked Passwords

```
john --show hashfile
```

## Test / Benchmark

```
john --test
john --list=formats # List supported hash types
```

## Specify Format

```
john --format=raw-md5 hashfile
john --format=sha256crypt hashfile
```

## Archive Cracking (via \*2john tools)

```
rar2john file.rar > hash.txt # Extract RAR hash
zip2john file.zip > hash.txt # Extract ZIP hash
ssh2john id_rsa > hash.txt # Extract SSH private key hash
pdf2john file.pdf > hash.txt # Extract PDF hash
```

## Session Management

```
john --session=mySession hashfile # Start named session
john --restore=mySession # Resume session
```