R V COLLEGE OF ENGINEERING

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b. CUTYCAPT

INTRODUCTION

CutyCapt is a small cross-platform command-line utility to capture WebKit's rendering of a web page into a variety of vector and bitmap formats, including SVG, PDF, PS, PNG, JPEG, TIFF, GIF, and BMP.
It's basically a program that lets us take screenshots of a website and save that rendering in various file formats.

Objectives - To capture a URL and save it to disk.

EXECUTION STEPS

1. **Installing CutyCapt from a package**
   Command - *sudo apt install cutycapt*

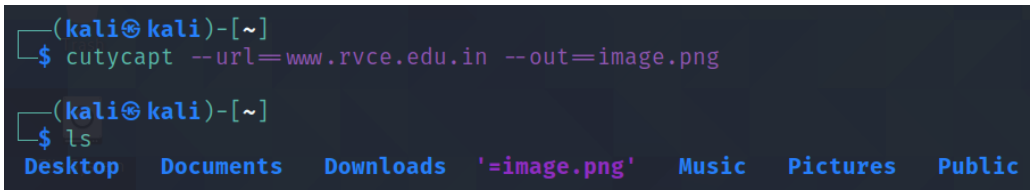
2. **Basic Commands**
   Syntax - *cutycapt [options] <URL> <file>*

3. **To summarize the tool** (*-h* or *--help*)
   Command - *cutycapt -h*

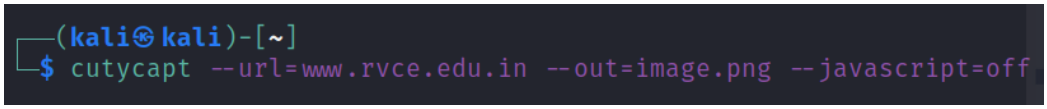
```
┌──(kali㉿kali)-[~]
└─$ cutycapt -h

Usage: CutyCapt --url=http://www.example.org/ --out=localfile.png

 --help                          Print this help page and exit
 --url=<url>                     The URL to capture (http:... |file:... | ... )
 --out=<path>                    The target file (.png|pdf|ps|svg|jpeg| ... )
 --out-format=<f>                Like extension in --out, overrides heuristic
 --min-width=<int>               Minimal width for the image (default: 800)
 --min-height=<int>              Minimal height for the image (default: 600)
 --max-wait=<ms>                 Don't wait more than (default: 90000, inf: 0)
 --delay=<ms>                    After successful load, wait (default: 0)
 --user-style-path=<path>        Location of user style sheet file, if any
 --user-style-string=<css>       User style rules specified as text
 --header=<name>:<value>         request header; repeatable; some can't be set
 --method=<get|post|put>         Specifies the request method (default: get)
 --body-string=<string>          Unencoded request body (default: none)
 --body-base64=<base64>          Base64-encoded request body (default: none)
 --app-name=<name>               appName used in User-Agent; default is none
 --app-version=<version>         appVers used in User-Agent; default is none
 --user-agent=<string>           Override the User-Agent header Qt would set
 --javascript=<on|off>           JavaScript execution (default: on)
 --java=<on|off>                 Java execution (default: unknown)
```

Example cases

1. For a basic screen capture,
   Syntax - *cutycapt --url=http://www.example.org/ --out=localfle.png*



2. Viewing the website with javascript disabled
   Command - *cutycapt --url=http://www.example.org/ --out=localfle.png --javascript=off*
   Command to display the captured URL - *display image.jpeg*



CONCLUSION

1. CutyCapt can be used to capture the rendering of a webpage into a variety of file formats.
2. CutyCapt provides the ability to view a page before having to wait for everything to load in a browser.

REFERENCES

1. CutyCapt - https://www.kali.org/tools/cutycapt/
2. CutyCapt - http://cutycapt.sourceforge.net/
3. CutyCapt - http://www.rwbnetsec.com/cutycapt/