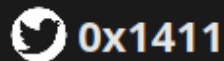
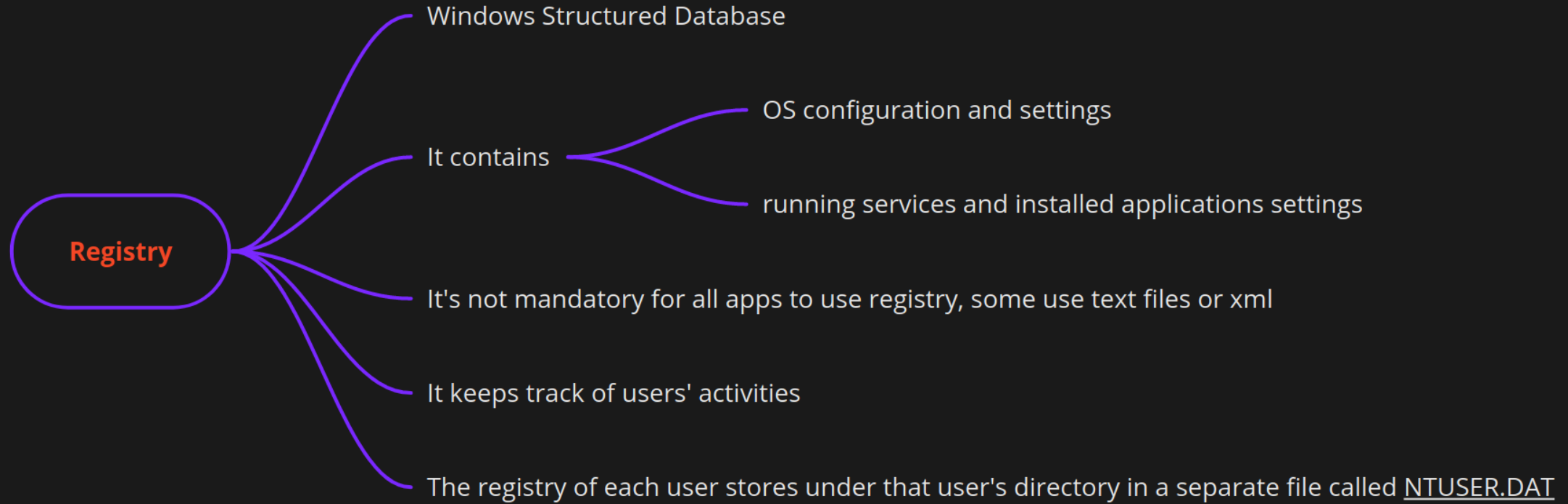
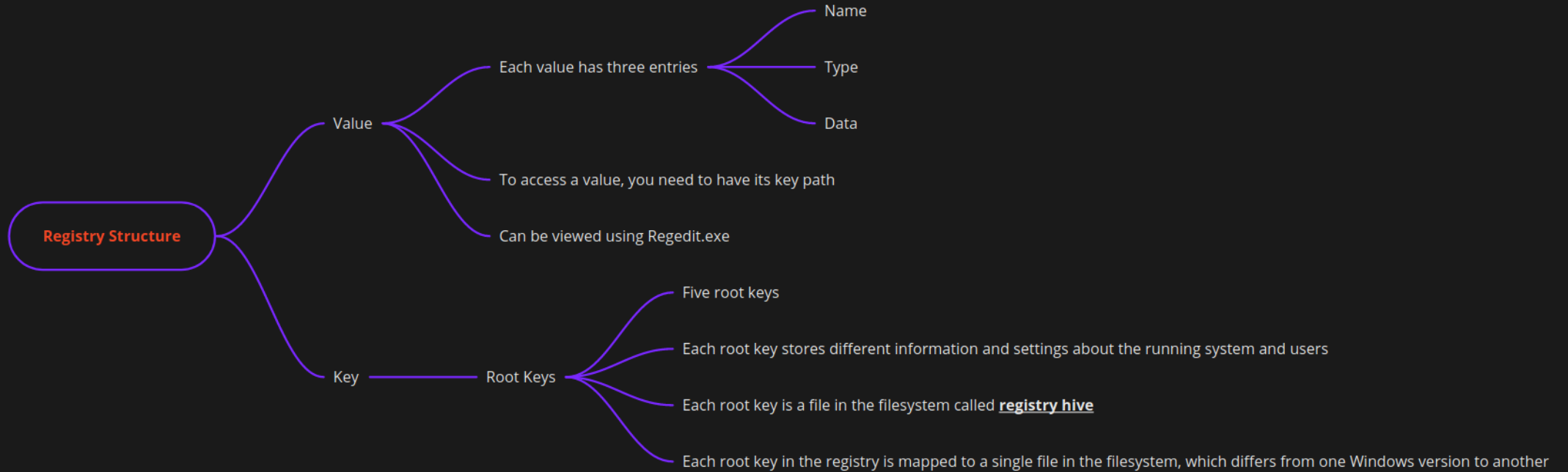


Practical Windows Forensics

Chapter 7 - Registry Analysis







Backing-up the registry files

```
graph LR; A((Backing-up the registry files)) --- B[Windows backs-up the hives by default every 10 days]; A --- C[Useful to track changed configuration and in case of normal hive corruption]; A --- D[Located at %WINDIR%\System32\config\RegBack]
```

Windows backs-up the hives by default every 10 days

Useful to track changed configuration and in case of normal hive corruption

Located at %WINDIR%\System32\config\RegBack

Registry Analysis

```
graph LR; RA[Registry Analysis] --- RR[RegistryRipper]; RA --- A[Autoruns]; RA --- M[MiTeC]; RR --- RR_URL[https://github.com/keydet89/RegRipper3.0]; RR --- RR_DESC[It parses the registry structure, lists and extracts important areas]; A --- A_URL[https://docs.microsoft.com/en-us/sysinternals/downloads/autoruns]; A --- A_DESC[It displays all autoruns registry keys and services]; M --- M_URL[https://www.mitec.cz/wrr.html]; M --- M_DESC1[It opens one hive at a time, and all hives can be opened concurrently]; M --- M_DESC2[It filters the registry based on tasks];
```

RegistryRipper

<https://github.com/keydet89/RegRipper3.0>

It parses the registry structure, lists and extracts important areas

Autoruns

<https://docs.microsoft.com/en-us/sysinternals/downloads/autoruns>

It displays all autoruns registry keys and services

MiTeC

<https://www.mitec.cz/wrr.html>

It opens one hive at a time, and all hives can be opened concurrently

It filters the registry based on tasks