

Career Simulation 4

OSINT Research Into Missing Persons
Passive Approach

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Preparation

Virtual Machine

Operating system: Windows, Linux, Mac
inside virtual software

VM Software



Pre-built VM



VM Snapshots: captures data and
state of VM

Take snapshots often!

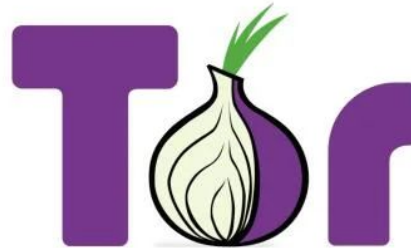
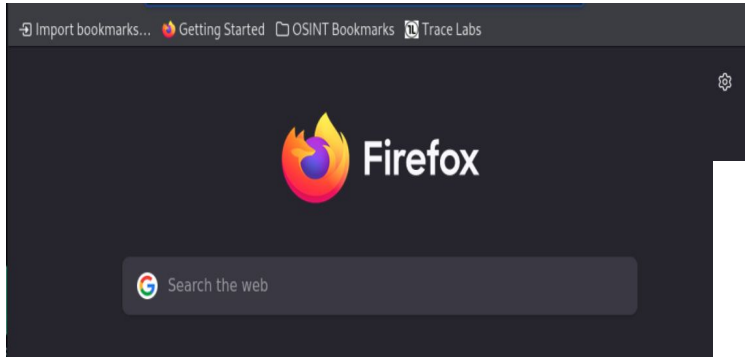
Web Browser/VPN/Antivirus



Extensions: uBlock, OneTab, & Web Archives
VPN: secure connection, masks IP address & location, allows user to sidestep blocks, firewalls, & geo-restrictions

TOR: IP address anonymity, conceals user's location & usage

Antivirus: protects system from OS-based attacks



Sock Puppets

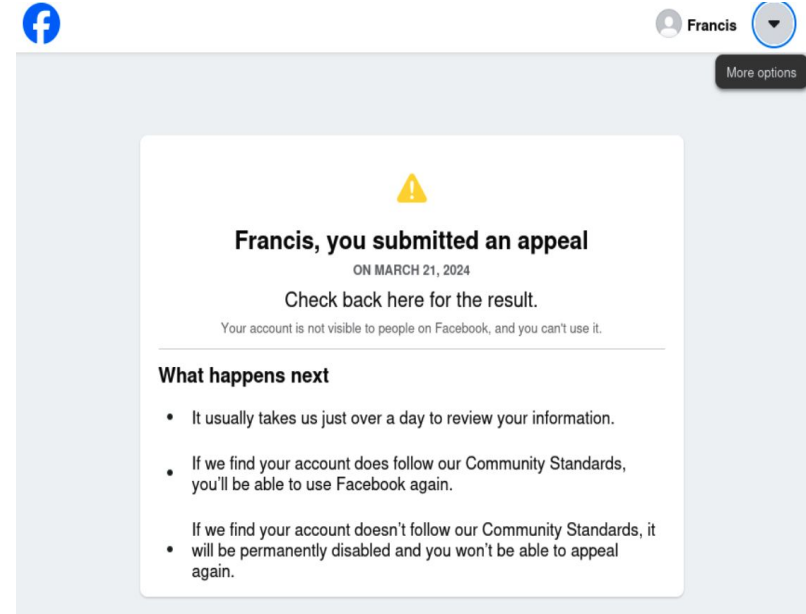
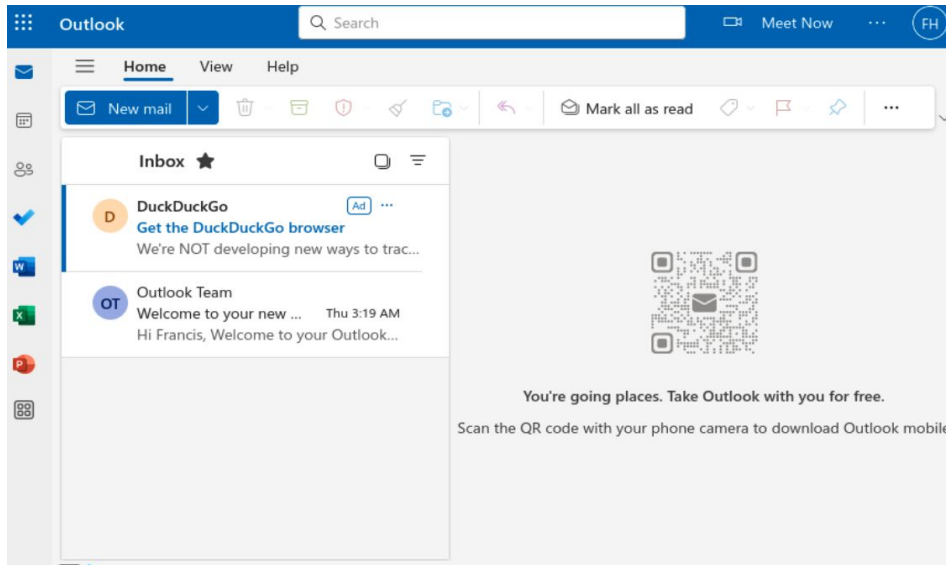
Definition: aliases/fake identities/acting as another

-Email

-Social Media accounts

-Burner phone + sim/esim (phone # for MFA)

-Profile content: images, background, resume, etc



Customer Relationship Management (CRM) Software

Organize and track sock puppet profiles; usernames, password, backstory

HubSpot

[< Back](#)

Create your free account

100% free. No credit card needed.

 Continue with Google

 Sign up with Microsoft

Or

Email address

[Verify email >](#)

We're committed to your privacy. HubSpot uses the information you provide to us to contact you about our relevant content, products, and services. You may unsubscribe from these communications at any time. For more information, check out our [Privacy Policy](#)

Contacts ▾ Conversations ▾ Marketing ▾ Sales ▾ Commerce ▾ Service ▾ Automation ▾ Reporting ▾

Search HubSpot



Contacts ▾

3 records

 Data Quality

[Actions ▾](#)

[Import](#)

[Create contact](#)

All contacts



My contacts

Unassigned contacts

[+ Add view \(3/5\)](#)

[All views](#)

[Contact owner ▾](#)

[Create date ▾](#)

[Last activity date ▾](#)

[Lead status ▾](#)




[Advanced filters \(0\)](#)



Search name, phone, email 

[Export](#)

[Edit columns](#)

<input type="checkbox"/>	NAME	EMAIL	CONTACT → SOCIAL PROFILES	CONTACT → NOTES	CONTACT → TASKS	GENDER	DATE OF BIRTH
<input type="checkbox"/>	 [REDACTED]	[REDACTED]@outlook.co...	--	--	--	--	--
<input type="checkbox"/>	 Brian Halligan (Sampl...	bh@hubspot.com	--	--	--	--	--
<input type="checkbox"/>	 Maria Johnson (Samp...	emailmaria@hubspot.com	--	--	--	--	--

Techniques & Tools

Open-Source OSINT Research Process

Search: Search Engines, e.g., Google

Enumerate: Spiderfoot & Sherlock

Capture: Hunchly

Analyze: Maltego



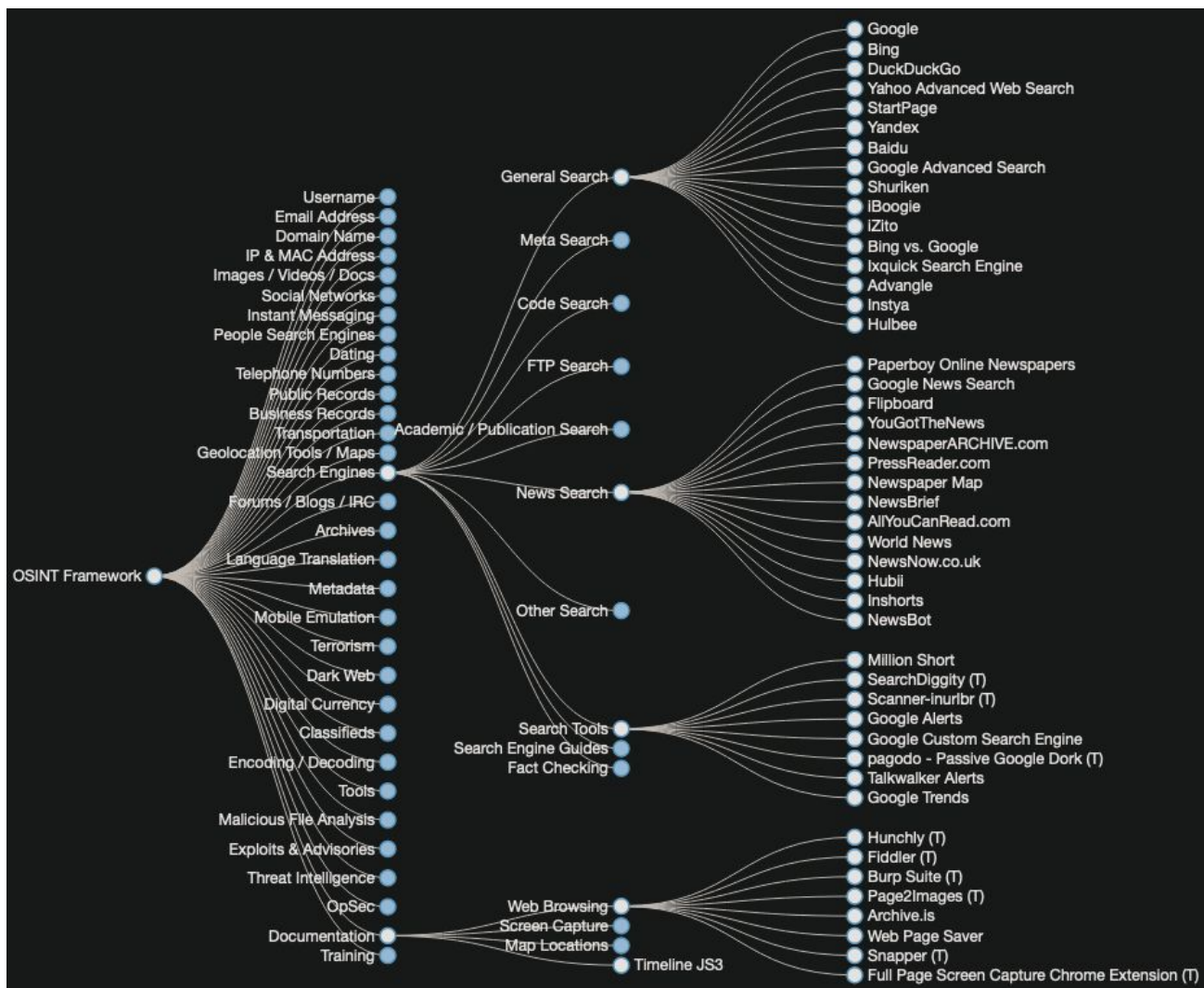
spiderfoot



MALTEGO

OSINT Search Tools

- 'Intext:<name>' name
'intext:mother'
- "name" site:reddit.com
OR site:facebook.com
OR site:twitter.com OR
site:linkedin.com OR
site:instagram.com OR
site:tiktok.com
- intile:final.attendee.list
OR
inurl:final.attendee.list
"name"



OSINT Application Tools

Examples

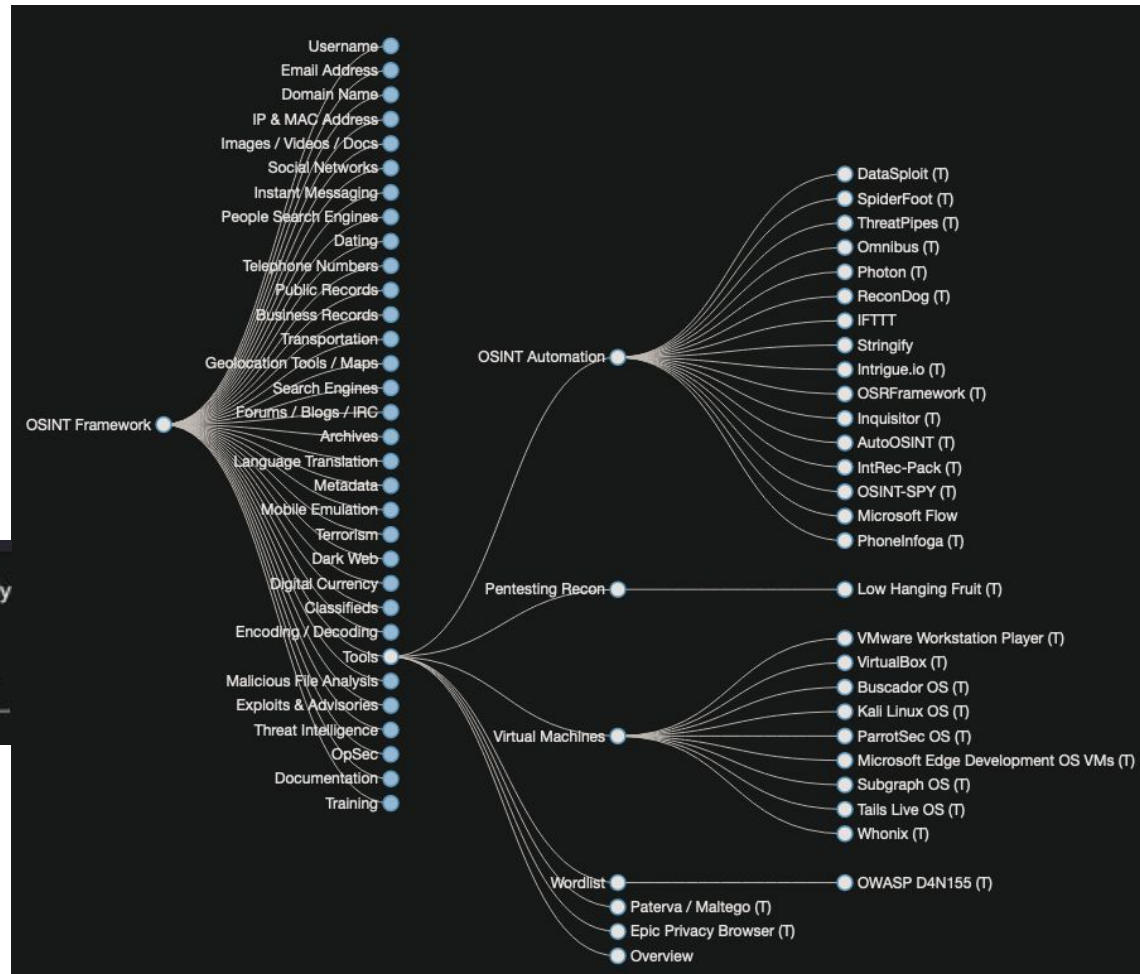
Sherlock: finds social media accounts by username

Spiderfoot: automates OSINT for threat intelligence

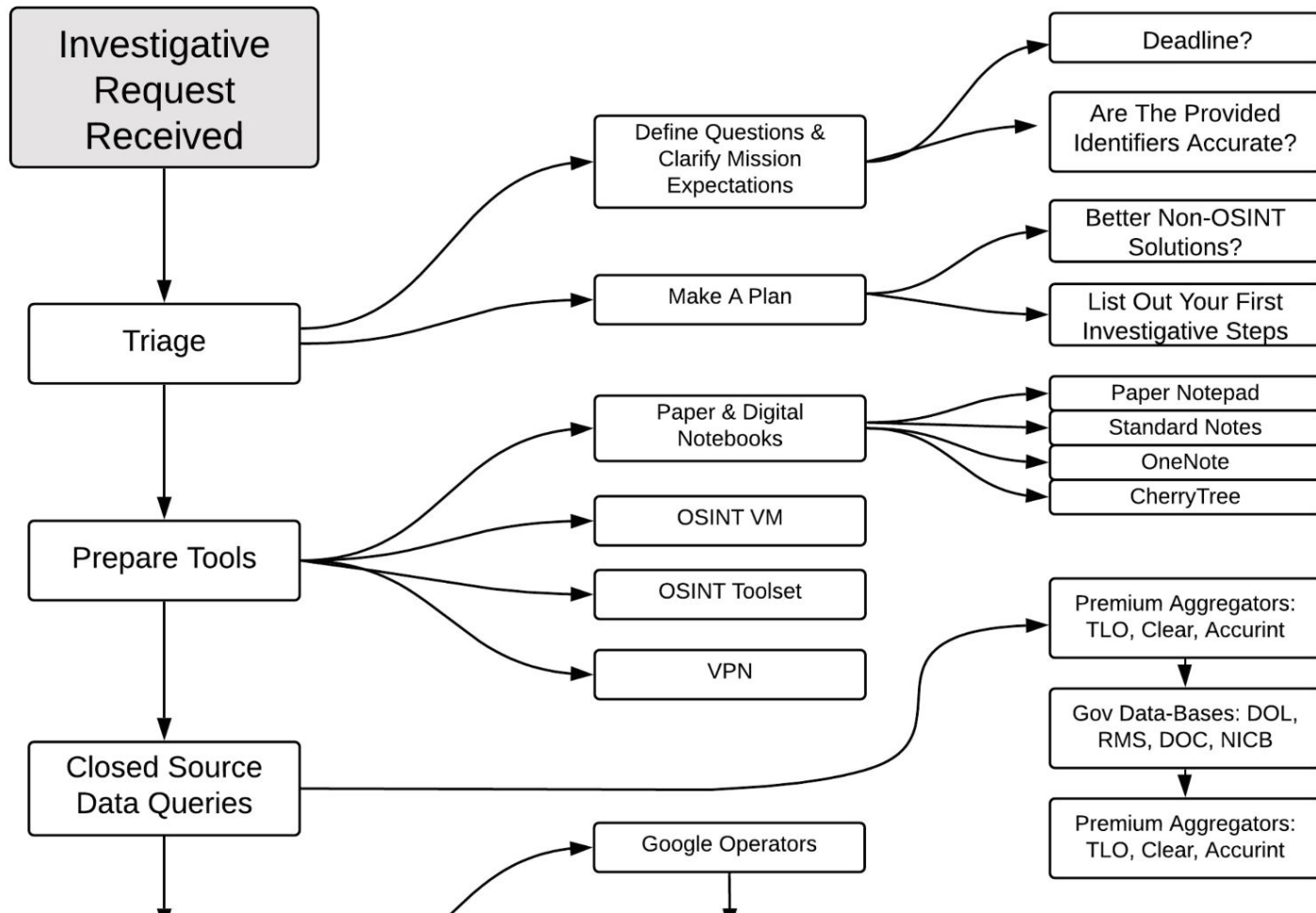
Hunchly: organizes workflows

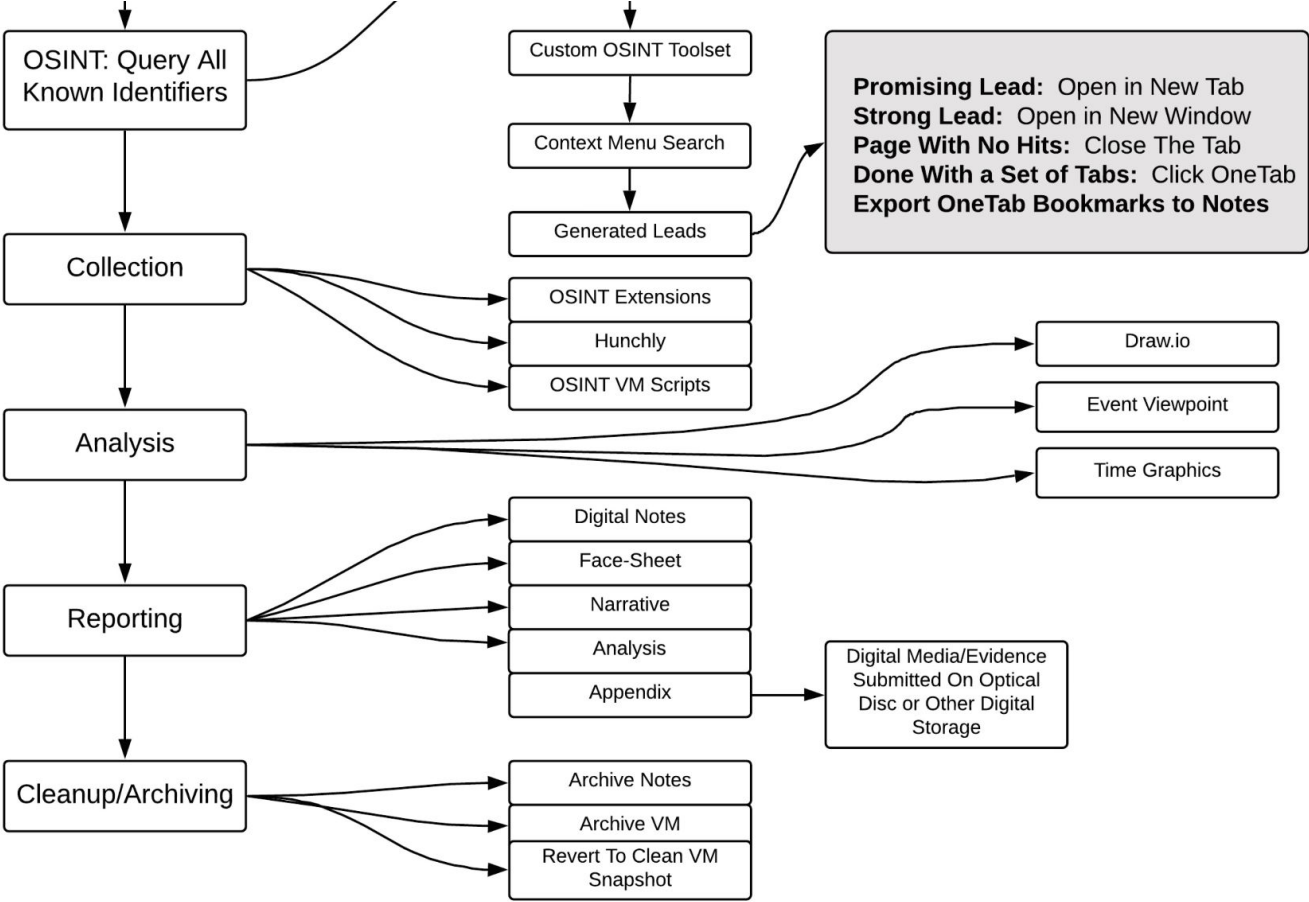
Maltego: gathers and links intelligence

(T) - Indicates a link to a tool that must be installed and run locally
(D) - Google Dork, for more information: [Google Hacking](#)
(R) - Requires registration
(M) - Indicates a URL that contains the search term and the URL itself must be edited manually



Methodologies/Workflows





Implementation of Case File (Demonstration)

Case Establishment

- Missing person flyer, news articles/sites, police report (FOIA request)
- Starting Point: Name, DOB, last sighting, demographics, contact information
- Example case: background scenario

STATE OF CALIFORNIA
CJS 508
(Rev. 10/2015)

DEPARTMENT OF JUSTICE
PAGE 1 of 3

MISSING PERSON REPORT Pursuant to Penal Code §13519.07(d)

<input type="checkbox"/> Adult <input type="checkbox"/> Child Report Type: <input type="checkbox"/> Runaway <input type="checkbox"/> Voluntary Missing Adult <input type="checkbox"/> Parental/Family Abduction <input type="checkbox"/> Dependent Adult <input type="checkbox"/> Stranger Abduction <input type="checkbox"/> Unknown Circumstances <input type="checkbox"/> Catastrophe <input type="checkbox"/> Lost <input type="checkbox"/> Missing <input type="checkbox"/> Sexual <input type="checkbox"/> Urgent Case <input type="checkbox"/> Silver Alert <input type="checkbox"/> Missing During a Crime <input type="checkbox"/> At Risk <input type="checkbox"/> Kidnapped/Missing <input type="checkbox"/> Advisory	
Name (Last, First, Middle): _____ Sex: <input type="checkbox"/> M <input type="checkbox"/> F <input type="checkbox"/> UNK Alias/Moniker/Nickname: _____ DOB/Age: _____ Height: _____ Weight: _____ Eye Color: _____ Facial Hair: _____ Corrective Lenses: _____ Hair Color/Style: _____ Scars/Marks/Tattoos: _____ Cell Phone Number: _____ Residence Address, City, State, Zip Code: _____ Residence Phone Number: _____ Business Address, City, State, Zip Code: _____ Business Phone Number: _____ FBI Number: _____ Local Reference Number: _____ CII Number: _____ Social Security Number: _____ Driver's License/ID Number: _____ State: _____ Email Address: _____ Probation/Parole/Social Worker Name & Phone: _____ Clothing: _____ Social Networking Site(s) and Screen Name(s): _____ Alcohol, Drug, Mental Health, or Medical Condition(s): _____ Jewelry: _____ Last Known Location/Activity (Description or Address, City, State, Zip Code): _____ Possible Destination (Description or Address, City, State, Zip Code): _____ Known Associates and Lifestyle: _____	
X-rays Available: <input type="checkbox"/> Dental: <input type="checkbox"/> State ID: <input type="checkbox"/> Visible Dental Work: <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Dentures: <input type="checkbox"/> Braces: <input type="checkbox"/> Dental Name, Address, Phone Number: _____ Fingerprint: <input type="checkbox"/> Broken Bones: <input type="checkbox"/> If yes, _____ Medical Provider Name, Address, Phone Number: _____ Registered Owner: <input type="checkbox"/> Missing Person: <input type="checkbox"/> Suspect: <input type="checkbox"/> Other: _____ Make: _____ Model: _____ Body Style: _____ Veh. Year: _____ VIN: _____ License Number: _____ State/Province/Country: _____ Reg. Year: _____ Operator: <input type="checkbox"/> Missing Person: <input type="checkbox"/> Suspect: <input type="checkbox"/> Other: _____ Damage to Vehicle: _____ Operator: <input type="checkbox"/> Missing Person: <input type="checkbox"/> Suspect: <input type="checkbox"/> Other: _____ Registered Owner: <input type="checkbox"/> Missing Person: <input type="checkbox"/> Suspect: <input type="checkbox"/> Other: _____ Damage to Boat: _____ Boat Year: _____ Make: _____ Model: _____ Body Style: _____ Color(s): _____ Hull Number: _____ State/Province/Country: _____ Reg. Expiration: _____ Name (Last, First, Middle): _____ Relationship to Missing: _____ Sex: <input type="checkbox"/> M <input type="checkbox"/> F <input type="checkbox"/> UNK <input type="checkbox"/> DOB/Age: _____ Address, City, State, Zip Code: _____ Phone Number: _____ E-Mail Address: _____ Scars/Marks/Tattoos: _____ Clothing: _____ Name (Last, First, Middle): _____ Relationship to Missing: _____ Sex: <input type="checkbox"/> M <input type="checkbox"/> F <input type="checkbox"/> UNK <input type="checkbox"/> DOB/Age: _____ Address, City, State, Zip Code: _____ Phone Number: _____ E-Mail Address: _____ PCN Number: _____ NCN Number: _____ M	

MISSING

Cole Brings Plenty
Age: 27
Native American
Hair: Long, black
Eyes: Brown
Height: Around 5'10"
Weight: 150lbs



Cole drives a white Ford Explorer and was last seen on Sunday, March 31 in Lawrence, Kan. driving south on U.S. 59.

If you have any information on his whereabouts at all, please contact the following:
Kansas Bureau of Investigation (785) 296-4017
Lawrence, Kan. Police Dept. (785) 832-7559

Or contact the family
(605-964-6398)

And/or on our socials.

MISSING

HAVE YOU SEEN THIS PERSON ?

FULL NAME :
DOB :
AGE :
SEX :
HEIGHT :
WEIGHT :
RACE :
EYES :
HAIR :
MISSING FROM :
MISSING SINCE :
IDENTIFYING CHARACTERISTICS :



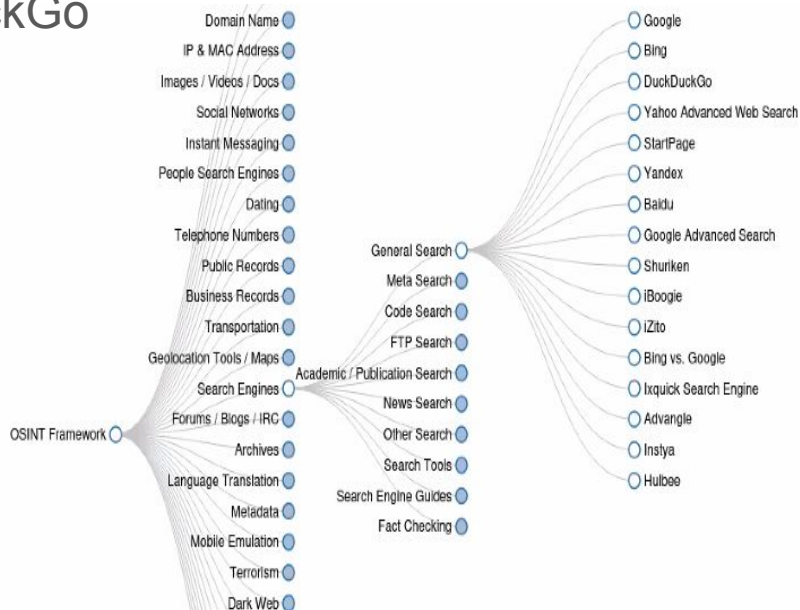
**IF YOU HAVE INFORMATION ABOUT (PERSON'S NAME)
CALL (LAW ENFORCEMENT AGENCY & PHONE NUMBER)**

TELP : ()
TELP : ()

Search Engines

Gathering background info to link
back to missing person:

- Google
- People Search
- Bing
- DuckDuckGo



Cole Brings Plenty, Age 23 in Emporia, KS, (620) 343-6247
Home / E / Plenty / Cole Plenty / KS / Emporia

Cole Brings Plenty
Age 23, Born June 2000
Lives in Emporia, KS
(620) 343-6247

Full Background Report Sponsored Link

- Arrest & Criminal Records
- Misdemeanors & Felonies
- Registered Sex Offender Check
- Warrants & Police Records
- Nationwide Court Records
- Evictions & Foreclosures
- Marriage & Divorce Records
- Bankruptcies, Liens & Judgments
- Assets & Properties
- Business Records
- Professional Licenses
- Social Media Records

[View Full Background Report](#)

Also Seen As
Cole B Guion

Current Address
[908 Thompson St](#)
[Emporia, KS 66801](#)
\$208,000 | 5 Bed | 3 Bath | 1377 Sq Ft | Built 1988
Lyon County
(Aug 2018 - Apr 2024)
[\[Ad\] Attention Real Estate Investors!](#)
Professional investors use [PropertyReach.com](#) to get leads, try it for free for 7 days!

Phone Numbers
(620) 343-6247 - Landline
Possible Primary Phone
Last reported Mar 2024
Southwestern Bell Telephone Company
(203) 983-8569 - Landline
Last reported Sep 2023
YMax Communications

Full Background Report Sponsored Link

- Arrest Records
- Court Records
- Marriage & Divorce Records
- Birth & Death Records
- Police Records
- Search Warrants
- Criminal Records Data
- Property Records
- Current and Past Contact Info
- Reverse Phone Lookups
- AKAs, Age, Date of Birth
- Addresses and Phone Numbers
- Relatives and Associates
- Public Records Data
- Bankruptcies, Judgments, Liens
- Complete Background Check

[View Full Background Report](#)

Sponsored Links

Current Address Property Details
[908 Thompson St](#)
[Emporia, KS 66801](#)

Yield/Results:
emails, potential
usernames,
relatives, phone
numbers, etc

Social Networks

Facebook: verifying name/person,
linking friends/family

LinkedIn: professional associations

Twitter: usernames, affiliations,
internet voice

Reddit: personality, hobbies/interests

Tinder: social/relationship status and image

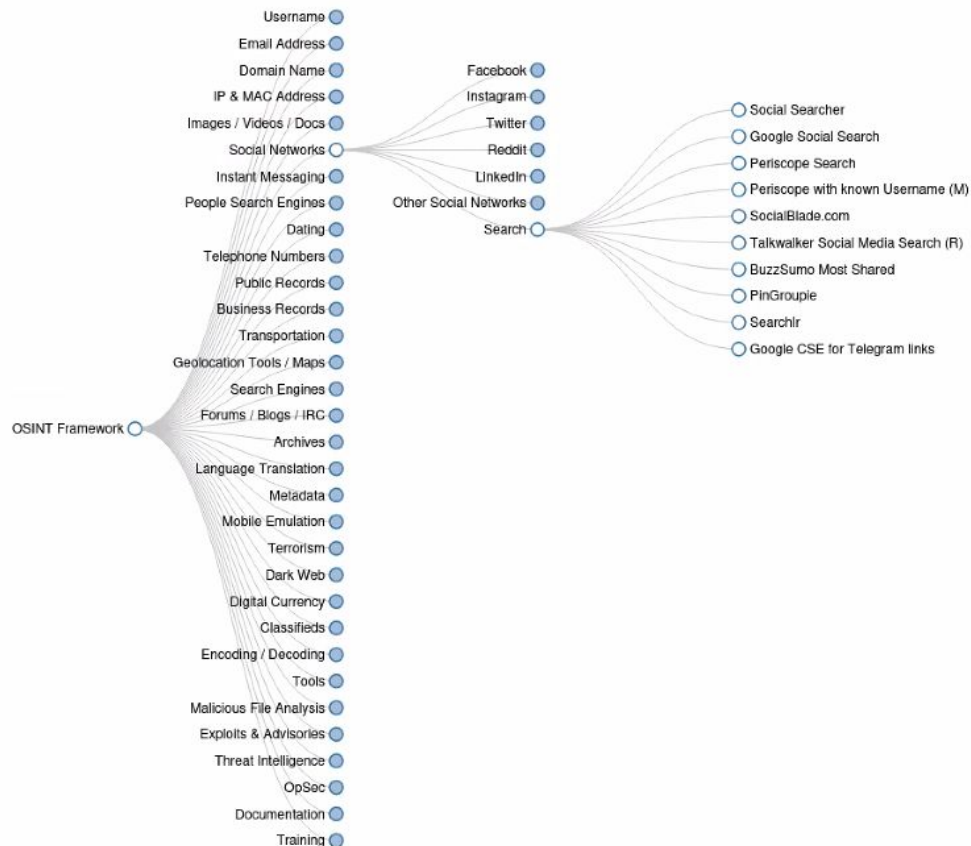
```

osint@gosint-VirtualBox: ~ - ssh
osint@gosint-VirtualBox: ~ - ssh python3 blackbird.py -u: colebringsplenty

Made with ❤ by pinguim

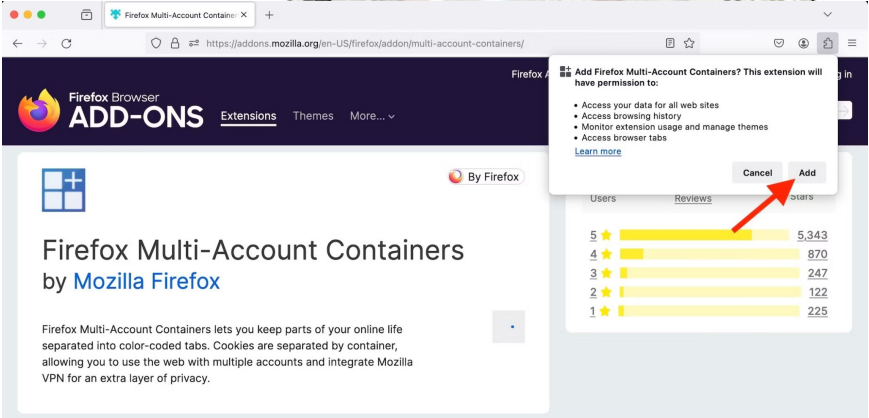
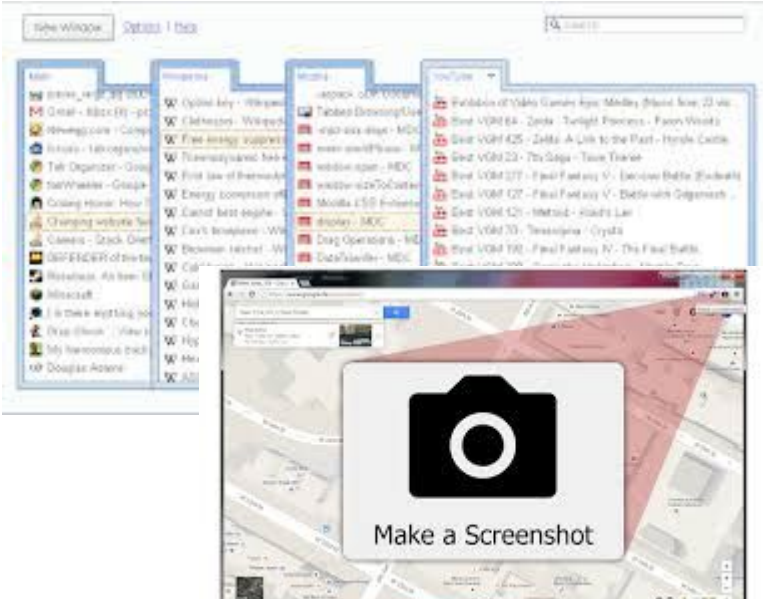
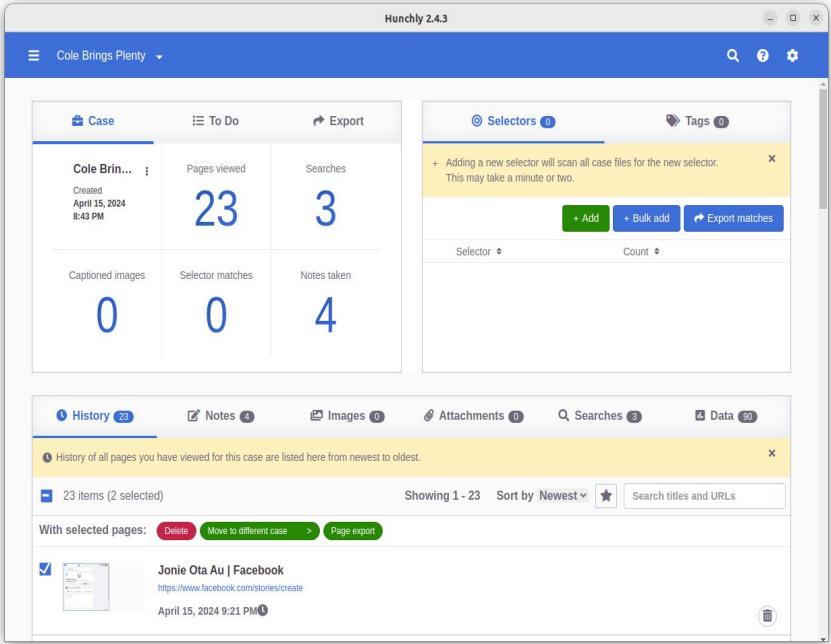
[[ Searching 'colebringsplenty' across 582 social networks
[+] - #14 Linktree account found - https://linktr.ee/colebringsplenty [200 OK]
|-Name: Colebringsplenty
|-Description: Linktree, make your link do more.
|-picture: https://linktr.ee/g/lnape/colebringsplenty.jpg
|-#14 Instagram account found - https://archive.org/details/colebringsplenty [200 OK]
|-#15 Xhamster account found - https://xhamster.com/users/colebringsplenty [200 OK]
|-#16 Facebook account found - https://www.facebook.com/colebringsplenty [200 OK]
|-#17 Myspace account found - https://www.myspace.com/profile/colebringsplenty [200 OK]
|-Name: Cole Brings Plenty
|-Bio: Model/Actor 🎬
MelonGo Lakota
Student @ HNU
Represented by PhRgrun Halr Worldwide
@phrgunmar
|-Followers: 17,738
|-Following: 518
|-picture: https://cdn1.pucki.com/hosted-by-instagram/a/q/vep0Iq0IECB2yPbcNuZrft1wzghr3.jpg
|-#19 Twitter account found - https://twitter.com/colebringsplenty [200 OK]
|-#119 UnweFancraft account found - https://stats.universcraft.com/stats.php?player=colebringsplenty [200 OK]
|-#190 AnimePlanet account found - https://www.anime-planet.com/users/colebringsplenty [200 OK]
|-#117 Bugbounty account found - https://bugbounty.org/members/colebringsplenty/ [200 OK]
|-#13 Youtube account found - https://www.youtube.com/channel/UC0bringsplenty [200 OK]
|-#224 Buzznet account found - https://www.buzznet.com/author/colebringsplenty [200 OK]
|-#118 Hunter account found - https://hunter.dev/users/colebringsplenty [200 OK]
|-#142 Hackmapr account found - https://hackmapr.com/profile/colebringsplenty [200 OK]
|-#229 Cash app account found - https://cash.app/colebringsplenty [200 OK]
|-#232 Wsh app account found - https://cash.app/colebringsplenty [200 OK]
|-#262 Saloon2 account found - https://www.saloon2.nl/profile/colebringsplenty [200 OK]
|-#139 Gravatar account found - http://en.gravatar.com/profiles/colebringsplenty.json [200 OK]
[[ Search complete in 0.02 seconds
[[ Results saved to colebringsplenty.json
osint@gosint-VirtualBox: ~ - ssh

```



Collecting Actionable & Relevant Intelligence

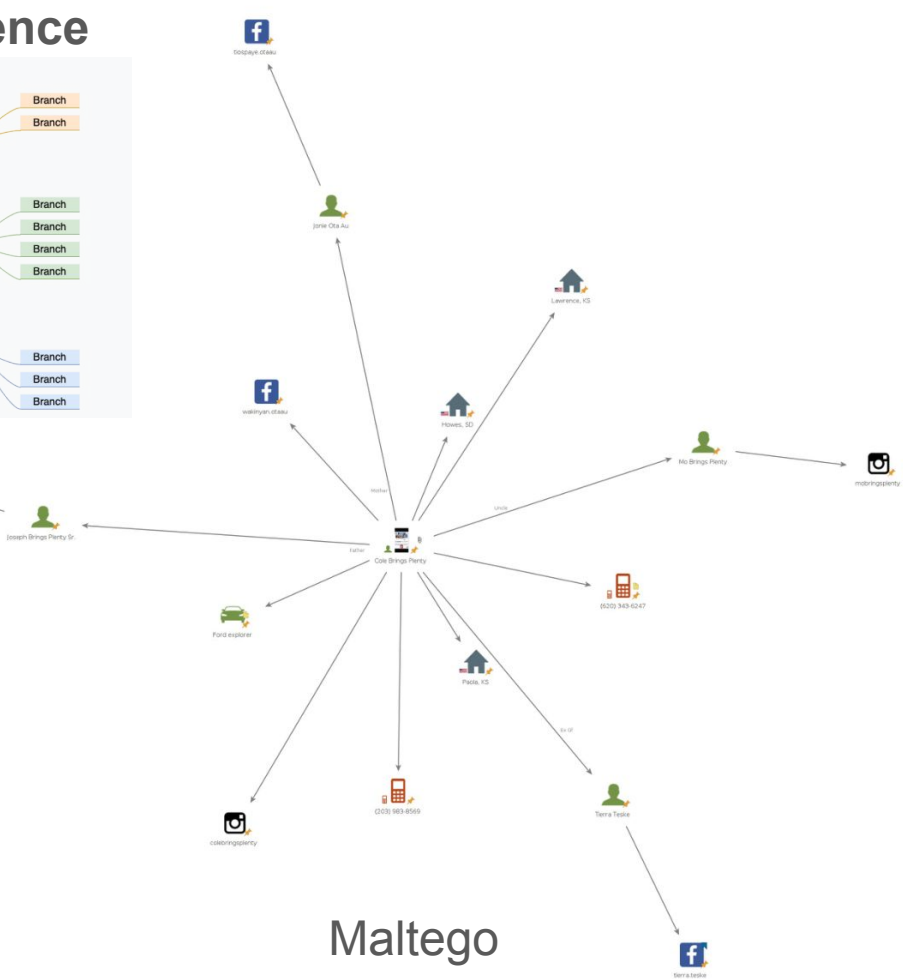
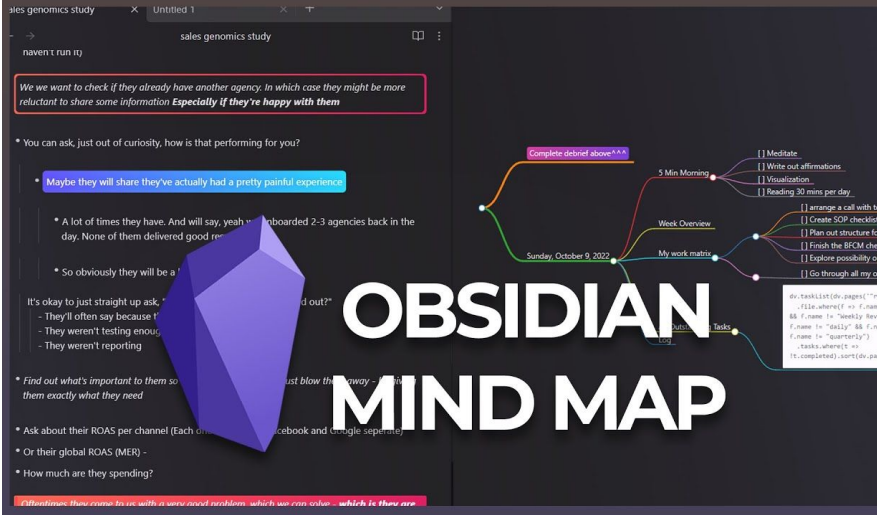
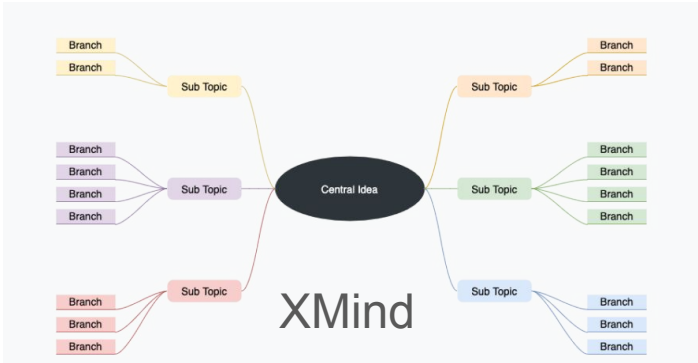
- Screenshots: image captures of intel
- Extensions: Tab Organizer, Firefox Multi-Account Containers
- Documentation: Hunchly
- VM Scripts: automate collection tools



Analyzing Actionable & Relevant Intelligence

Link Analysis

- XMind
- Obsidian
- Maltego



Post-Case Cleanup

Generate Report: organize notes/case material, face-sheet, narrative, analysis, appendix w/ supporting documentation

Passing information: law enforcement, Trace Labs CTF, other OSINT professionals

Archive Case: consolidate/store notes, export VM & store offsite (cloud, external drive, etc)

Accounts: make dormant, export & store offsite, replace broken tools

OPEN SOURCE INVESTIGATIVE PROFILE

Agency/Org Name
Section or Analyst Name
Operation/Case Title

Subject
Photo

DATE COMPLETED:

SUMMARY OF FINDINGS



SUBJECT ID

Name:	DOB:
Address:	Phone #1:
	Phone #2:
Employer:	SSN:
Vehicle #1:	Associate:
Vehicle #2:	Other:

ALTERNATE IDENTITIES AND ASSOCIATIONS



End