

# **List of OSINT Web Resources**

"This is my list. There are many like it, but this one is mine. My list is my best friend. It is my life. I must master it as I must master my life. Without me, my list is useless. Without my list, I am useless."

Oh look, its yet another list of OSINT resources..

Since I do mainly do OSINT work for a living, you can imagine that I have accumulated a huge amount of resources and tools to assist me in locating certain information about certain things over the years. Figured I should share them in a mostly organized fashion, because sharing is caring right?

These lists are currently still a work in progress! It was going to take ages to write so I've decided to just publish what I already have and continue to push updates on the live versions. So stay tuned for more.

Remember, CTRL+F is your friend here.

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# **Search Engines**

## **General Search**

Google

The most popular search engine in the world. You already know what this is.

• <u>DuckDuckGo</u>

A privacy respecting search engine.

• Bing

A search engine owned and operated by Microsoft.

Yahoo!

Yahoo! search is basically a rebadged version of the Bing search engine.

• Yandex

A search engine based in Russia.

• Swisscows

The data-secure Google alternative. A search engine where your privacy is protected. Swisscows does not monitor or save any data.

• <u>Startpage</u>

Startpage is a Dutch search engine company that highlights privacy as its distinguishing feature.

• Gigablast

A "cryptographically-protected" private search engine.

UVRX

The most comprehensive online file storage search engine. They have individual search engines for badongo, Mediafire, Zshare, 4shared and taringa. They also provide a search all function that searches filefactory, depositfiles, easy-share, sharedzilla, sendspace, yousendit, letitbit, drop, sharebee, rapidspread, and many others.

• Wikipedia

The free encyclopedia that anyone can edit.

Ask

A question answering-focused web search engine that delivers answers from the web and real people. Formally known as "Ask Jeeves".

Mojeek

A web search engine that provides unbiased, fast, and relevant search results combined with a no tracking privacy policy.

• Lycos

Another generic search engine.

• Qwant

a search engine that respects your privacy and ensure neutrality and impartiality. Based in Paris, France.

• Brave Search

A search engine that is currently still in beta offered by Brave.

## **Country Specific Search Engines and Directories**

• <u>Search Engine Colossus</u> [Worldwide]

An international directory of search engines. Giving you links to search engines from the USA, EU, Australia, Canada, China, India, Japan, Brazil, Russia, and many more.

• <u>Search Engine Links</u> [Worldwide]

Another directory of international search engines.

• <u>Egerin</u> [Kurdish]

A Kurdish search engine.

• Araboo [Arab Countries]

Arab directory with categorized links to Arabic sites, updates, resources and more.

• Yamli [Arab Countries]

Yamli lets you unlock the Arabic web without needing an Arabic keyboard. Just type it the way you say it.

• Asia

#### • Afghanistan

#### Afghanistan Online

A privately owned, independent web site that provides updated news and information on Afghanistan. Originally known as the Qazi Web page.

#### Jobs.AF

Job announcements in Afghanistan by UN, government, international development agencies, aid agencies, private companies and MNCs in different industries.

#### • Bhutan

#### Bhutan Portal

This site has links for government, citizens, business and overseas links such as tourism sites for Bhutan.

#### Kuensel Online

A news portal from Kuensal which is the Bhutan daily newspaper.

#### o Bahrain

#### ■ Index Bahrain

A search engine for all things related to Bahrain. Sites are sorted into categories including business, internet and entertainment.

#### SIJILAT

A commercial registration portal for Bahrain. The site contains information about opening and running a business in Bahrain. You can search the site and its registers from here.

#### ■ InfoBahrain

Information and business directory and travel guide. You can search by location or category.

## • Bangladesh

#### Prantor

The ultimate Bangladesh directory. Has links to all the best Bangladeshi and Probashi websites.

## ■ <u>Bangladesh Trade Portal</u>

An official government source of all regulatory information relevant to traders who wish to import goods into Bangladesh or export to other countries.

## BangladeshDir

Bangladeshi information web portal and search engine.

#### Pipilika

Pipilika claims to be the first search engine to work in both Bengali and English. This search engine has a focus on searching and analyzing of data in Bengali.

## ■ <u>BDJobs</u>

An online job search.

## ■ <u>Bangla2000</u>

General purpose web portal of Bangladesh where you can find daily updated news, various exclusive and useful information and services for Bangladeshi people around the world.

### ∘ China

#### Baidu

Baidu is the dominant internet search engine company in China. Its features and services are similar to those of Google, but its focus is on China, where it controls most of the search market. Baidu censors search results and other content in accordance with Chinese regulations.

#### ■ <u>SOHU</u>

A premier online brand in the daily life of millions of Chinese who use the portal

for their e-mail, SMS messaging, news, search, browsing and shopping.

#### Sina

An online media and value-added infotainment service provider for China and for global Chinese communities.

#### **163**

China based internet technology company that has pioneered the development of applications, services and other technologies for the internet in China.

#### Sogou

One of the largest search engines in China.

#### So

A leading company in internet search engine, input method, browsers and other internet products and services.

#### ChinaSite

This is not an actual search engine, it's a neatly organized reference site for China and Chinese related web sites from the Aweto company.

## • Cyprus

#### Kypros

Also known as the "World of Cyprus" is a portal with weather, exchange rates, news, sport, TV and radio.

## CyprusGate

A very comprehensive directory of Cyprus websites.

#### o Iran

#### Parseek

A search engine for news articles. Allows you to search by different news categories.

#### Hasht

An Iranian portal and search page. Also known as Site 8.

#### Iranmehr

Persian search engine and directory from free and paid site submission options.

## Linkestan

A directory of Persian websites, software downloads, links and articles.

## ■ <u>IranPage</u>

Known as the first online directory of Iranian professionals and Iranian owned and operated businesses worldwide.

#### o India

#### ■ <u>123Khoj</u>

India search engine and web directory.

## ■ <u>Tazaa</u>

Indian search engine that utilizes Google custom search.

#### Indian Search Engine

A great search engine and directory for Indian websites.

#### IndiaCatalog

A web directory of top Indian companies where you can find products, services, addresses, phone numbers and email details of top Indian companies.

### SurfIndia

An online business directory and search engine for India. Results can be filtered by location.

#### ■ IndiaConnect

Search for classified ads by keyword and locations, location can also be chosen by clicking on an interactive map.

#### IndianKanoon

An Indian legal search engine to search for laws and law interpretations.

#### ■ <u>IndiaBook</u>

A web directory for quality links relating to Indian websites.

#### Adaalo

A free classifieds site in India. You can post ads and search for your desired products.

#### AboutMumbai

A Mumbai travel guide with restaurants, sightseeing, telephone numbers, classifieds, maps, cities, transport, Bollywood cinema and films.

#### Dial India

A website directory featuring business, bollywood, news, fashion, travel, employment, classifieds, and more.

## Rediff

A news and entertainment search engine for India.

#### Israel

#### ■ Walla!

An Israeli search engine that is powered by Google. Provides news, e-mail and other services.

#### o South Korea

#### Duam

Offers many Internet services to web users, including a search engine, free webbased e-mail, messaging service, forums, shopping, news and webtoon service.

#### Naver

Basically the same as Duam. It was the first web portal in South Korea to develop and use its own search engine.

#### Indonesia

#### ■ Indonesia-Product

A B2B Directory website that connects buyers and suppliers worldwide who are looking to buy and sell Indonesian products.

## GBG Indonesia

Specializes in providing business and investment portals on the most promising emerging markets for local and foreign investors. This guide has business information and news on Indonesia featuring interviews, analysis on key investment opportunities and a business directory.

#### Detik

the latest news and special coverage in Indonesian and some International news.

### Japan

#### ■ <u>Goo</u>

Goo is an Internet search engine and web portal based in Japan, which is used to crawl and index primarily Japanese language websites.

#### Kazakhstan

#### Zakon

This site features weather forecasts, exchange rates and legislation for the Republic of Kazakhstan.

#### Satu

Kazakhstan shopping search engine.

#### Gismeteo

A weather search engine in Kazakhstan.

#### Krisha

A real estate search engine for Kazakhstan. Search for property to buy and rent.

#### Laos

#### iNGO

Internet directory of non-government organizations (NGOs) in Laos.

#### ■ TourismLaos

Laos' official tourism website where you can explore Laos, find information about festivals and events, maps and other documentation.

#### Lebanon

#### LebWeb

A large directory with categorized links to Lebanese sites and resources.

### Nepal

#### Explore Nepal

Search engine of Nepal, also includes business directory, news, information about Nepal and more.

### AskBaje

A local search engine that provides comprehensive and updated information on all B2B and B2C products and services.

#### NepalNet

Authority to websites related to Nepal with reviews, ranks and awards.

## o Malaysia

#### Malaysia Central

One-stop starting point to Malaysian online destinations.

#### CARI

A search site for all Malaysians and all Internet surfers around the world.

#### Malaysia Directory

Malaysia search engine and directory that claims to be the largest portal in Malaysia.

#### One Stop Malaysia

Directory listings of Malaysian related websites. Has news, forum, weather, news feeds and much more.

## <u>e-Borneo</u>

Bringing Borneo to the whole wide world by providing mostly free information, contents, and links related to Borneo as well as other topics of interest.

## Mongolia

## Mongolia Start Page

Find everything you want to know about Mongolia, the fascinating country, its people, culture and nature.

#### Medee

A Mongolian news portal for professionals. News about economy, law, politics, health and more.

#### News MN

The largest daily news website in Mongolia.

#### Legal Info MN

Mongolian law portal.

#### Unegui

Mongolian classified ads directory and search.

#### ■ <u>Unaa</u>

Mongolian classified ads site for vehicles.

## Philippines

#### Alleba

A search engine specifically for the Philippines.

#### Trovit

Classified ads search engine for real state, used cars and job offers ads in Philippines.

#### o Saudi Arabia

#### Saudia-Online

Saudi Arabia Search featuring mostly Business and News information.

#### ■ The Saudi Network

Trade and business information and links for Saudi Arabia, Arabian gulf and the middle east areas.

#### Taiwan

#### Manufacturer Directory

Manufacturers directory for Taiwan.

## ■ <u>Taiwan.gov</u>

The official government provided portal for Taiwan.

#### Pakistan

#### SearchOye

A Pakistani search engine that searches the entire web including web pages, images, and videos.

#### Pakistanism

Pakistani content search engine that lists an index of Pakistan related webpages, images, videos, jobs, news, recipes, e-commerce and social media sites.

#### Rozee

Search for jobs listings and job opportunities in Pakistan.

#### • Singapore

## Singapore Search Engine

A search engine and directory of internet websites related to Singapore.

## o Sri Lanka

#### InfoSRI

Sri Lanka search engine for .lk domains, business directory and information portal.

#### LankaLink

Sri Lanka search engine & Sri Lankan business web directory.

#### Lanka Information

Information about Sri Lanka. Includes a search engine and directory.

## LankaTopTen

Search engine, web directory and information database for Sri Lanka.

## ■ <u>InfoLanka</u>

Sri Lanka information including latest news, music, recipes, photos, classifieds, chat, greeting cards, forums and more.

#### ■ RainbowPages

Sri Lanka's only telephone directory.

## XpressJobs

Job search engine for Sri Lanka.

#### ■ Wooroll

Search updated job listings from over 30,000 organizations and companies in Sri Lanka.

#### Turkey

#### Artado Search

A Turkish search engine that aims to provide you with ad-free and safe

information.

#### Arama

Search engine for Turkish websites.

#### Hukuki

Turkish Law search engine.

#### BuildTurkey

Construction business directory for Turkey.

#### TurkeyCentral

Browse thousands of links to city guides, tour operators, and hotels in Turkey, as well as business travel and cultural info.

## United Arab Emirates

#### IndexUAE

A search engine and directory for the United Arab Emirates.

#### Dubai Directory

Dubai website directory featuring travel, shopping, entertainment, nightlife, news, jobs, real estate and investment.

#### Thailand

#### ■ ThaiWebsites

A human-edited web directory for English language related resources for Thailand.

#### Pattaya Links

Large number of links to Pattaya websites.

#### Vietnam

#### CocCoc

Search engine for the Vietnamese that optimizes Vietnamese search results.

#### Caribbean

## Cayman Islands

#### eCayman

A large web directory of Cayman Island websites.

#### o Cuba

#### Cuba Web Directory

A large web directory of Cuban websites.

### o Dominican Republic

## ■ WEPA!

A searchable web directory for the Dominican Republic.

#### Jamaica

#### ■ Top 5 Jamaica

A web directory that lists the top 5 most visited websites in Jamaica, organized by catagory.

## ExportJamaica

Provides information on potential customers, contracts, exporters, raw material sources, industry prices, statistics and horticulture regarding Jamaican companies.

#### • Europe

#### o Albania

#### AlbaFind

AlbaFind is a search engine dedicated to Albanian websites.

#### eAlbania

An information page with search engine and directory with information about Albania.

#### EURAXESS

A resource for foreign researchers who plan to come to Albania.

#### o Armenia

#### Hayastan

An Armenian internet portal site with information and amusement services for Armenians around the globe.

#### Spyur AM

Contains information about companies and organizations in Armenia.

#### o Austria

#### Austronaut

A Search engine and comparison portal for Austria.

#### AustroLinks

A directory for websites related to Austria.

#### Vienna

All the news from Vienna and the Vienna districts as well as services relating to the federal capital: events, weather, cinema, theater and much more.

### o Azerbaijan

#### SearchAZ

Global search for Azerbaijan.

#### Botje

An Azerbaijani search engine.

#### JobSearchAZ

The leading country-wide on-line recruitment website in Azerbaijan.

#### Belarus

#### Akavita

Search engine and web directory for Belarusian Sites.

### o Belgium

#### Search Belgium

A search engine and directory of Belgian websites and links.

#### WebWatch

A search tool in Belgium that has indexed all of the thousands of Belgian sites.

#### o Bosnia and Herzegovina

#### ■ <u>HercegBosna</u>

Web directory on a site that also has information about Bosnia Herzegovina and its history.

#### • Bulgaria

## Search BG

The Bulgarian search engine.

#### Portal BG

A web directory and portal for Bulgaria.

#### • Croatia

#### CroLinks

Lists of Croatian websites, personal homepages and email addresses worldwide.

#### HR

Offers basic information about Republic of Croatia, as well as directory of Croatian-based web pages.

#### ■ Find-Croatia

A web site dedicated to travelers and visitors to Croatia. This is a comprehensive on-line travel guide to Croatia with all the details and information about art,

culture, museums, architecture, natural beauties, hotels in, holiday accommodations and transport.

#### • Estonia

NETI

A directory and search engine for Estonia.

■ WWW EE

Estonian website directory.

## Czech Republic

Seznam

Czech website directory.

CentrumCZ

Search engine and website directory.

#### Finland

#### Makupalat

Produced by Finnish libraries along with a link directory. Links have been selected on the basis of the quality of the content and sorted by topic.

#### o France

Francite

The most well known French search engine.

■ France-Pub

Website directory and information about France.

■ El Annuaire

A massive directory of French websites. Currently lists over 41,000 different French websites.

ApocalX

A search engine in French that is powered by Google Al.

Yakeo

A directory of many different French websites.

Les Annuaries

List of French directories and search engines. This "Directory of Directories" offers more than 2000 directories.

MisterFast

French search engine and website directory.

LyonWeb

Search engine for Lyon and Lyonnais. Index of websites, events, demonstrations and exhibitions in the region.

## Germany

■ FastBot

German-language search engine with the option of reporting results and opening them anonymously.

#### o Greece

■ RoBBy

Search engine and web directory service for the Greek ".gr" TLD.

## • Georgia

BoomGE

A Georgian search engine.

## Hungary

Megaport

Hungary guide in the form of a web directory with search function.

#### ■ Kapu

A directory of Hungarian websites.

#### Iceland

■ Finna

A search engine for Icelandic web pages.

■ <u>J</u>a

Search for Icelandic companies, products and people.

#### • Liechtenstein

#### WebLI

Provides information about banks, trustees, stamps, prince, enterprises, private persons, economy, science and trade related to the Principality of Liechtenstein.

### Italy

Eseguo

A web directory of personal and business web sites.

SicilyWeb

A great directory of web sites located in Sicily.

#### o Lithuania

OnLt

A guide to Lithuanian internet resources organized by services and keywords. The site is updated daily, revised weekly and has been established since 1995.

Delf

Lithuanian search engine and web portal.

#### • Latvia

■ TopLV

A directory of Latvian content organized by category.

SS.LV

A directory of classified ads for Latvia.

#### o Macedonia

■ Nadji!

A search engine specializing in media content. Unlike most search engines, it does not utilize a spider to gather the content it indexes, but interfaces directly with the websites it covers through RSS or other XML, in combination with the SWISH-E open-source software.

#### Norway

Kvasir

Norway's largest search service. Search for sites in Norway and worldwide.

#### Moldova

Totul

Directory of Moldovan businesses including addresses and phone number and description of the activities of companies.

### Poland

Onet

One of the largest Polish web portals and search engines.

#### Netherlands

Zeoken

A meta search engine for the Netherlands. Pretty much the same as iZito.

Vinden

Offers custom search options, like searching for phone numbers, images, mp3 files, and more

#### o Portugal

SAPO

A Portuguese search engines that is powered by Google.

- o Romaina
- o Slovakia
- o Russia
- Slovenia
- o Serbia
- Sweden
  - <u>Tjohoo</u>

Features a Swedish web portal and search engine.

■ Eniro

A local Swedish search portal offering telephone directory, web search and maps for Sweden. In addition to this, Eniro offers a news aggregator, shopping services, video search, image search and job search.

#### Switzerland

Search.ch

A search engine and web portal for Switzerland.

- o Spain
- Ukraine

#### North America

## o Canada

## LookSeek Canada

A private search engine with no tracking that lets users search for Canadian websites.

LocatorCA

A basic search engine for Canadian websites. Uses a Google CSE.

CanLinks

A large directory of Canadian websites.

CanadaCity

A directory with links to portals, city guides and directories specific to Canadian cities.

#### o Greenland

#### Tidsskrifet Greenland

The journal Greenland contains illustrated articles on Greenlandic and Arctic conditions and has been published by the Greenlandic Society since 1953. This database contains all 50 volumes 1953 to 2002.

#### Mexico

DirectoryMX

A bilingual Mexican online web directory for Mexico.

#### United States

### Keep It Local

An easy and efficient search tool for locating web pages, autos and agricultural vehicles for sale and real estate by geographic location in the USA.

## ■ 50 States

A web directory with a category for each USA state featuring search engines, directories and other relevant links to the chosen state.

#### FedGate

A comprehensive web directory for US government information, department of defence, federal government, executive agencies, senate, white house, legislative branch and congress.

#### ■ Ezilon USA

A North American search engine and website directory where users can search for and submit websites from the United States and Canada.

#### CityTown

A directory of official, city and town, government and chamber of commerce, websites. Everything is organized by state with references to similar collections and directories.

## ■ Baja Search

Baja California search engine. Uses a Google CSE.

#### • South America

## • Argentina

#### Guiafe AR

A directory of websites for the province of Santa Fe, Argentina.

#### WebFe

A multi language news portal for Argentina that covers politics, the economy, technology and sports.

#### o Belize

#### ■ Belize Search

A website directory with a huge amount of indexed sites.

#### o Brazil

## Aonde

A directory and search engine. You can submit your Portuguese pages here.

### Achei

Brazilian search tool that offers national and Latin American content. Allows search by category and keywords, also offers advanced search with Boolean operators and quantity of results.

#### Exploora

A global search engine with semantic analysis of Portuguese language searches.

#### o Bolivia

#### Bolovian

A website directory and index of Bolivian sites.

#### o Chile

## Antena

Search Antena, BuscaChile and Google.cl simultaneously.

#### o Colombia

#### Conexcol

A web directory of specialized websites in Colombia.

#### Lalupa

A web directory and new portal for Colombians.

## Costa Rica

#### The Real Costa Rica

Everything you want or need to know about Costa Rica and Costa Ricans. The people, government, laws and culture.

#### Ecuador

#### Puerto Cayo

Official guide to Puerto Cayo with community resources directory.

#### o El Salvador

#### Buscaniguas

El Salvadorian website directory.

#### o Guatemala

#### Guate Market

Website directory and search for Guatemala.

#### Deguate

Another website directory for Guatemala.

#### Nicaragua

#### XOLO

Search over 150,000 pages of content indexed in more than 1,200 sites of the Nicaraguan Web.

#### • Panama

#### Panama Info

Panama's most visited tourism and business directory website. Currently undergoing maintenance.

#### o Peru

#### Oh Peru

Search engine and directory of web pages of Peru. Peruvian guide web since 1999.

#### Maskay

A directory of Peruvian websites.

#### Uruguay

#### Uruguay Total

Search over 7,500 links to Uruguayan websites.

#### Venezuela

#### Auyantepui

Venezuelan search engine that uses a Google CSE.

#### Arranca

A small portal page of links to top news sites and portals based in Venezuela.

## **Specialty Search**

#### • Wolfram | Alpha

An online service that answers factual queries directly by computing the answer from externally sourced "curated data", rather than providing a list of documents or web pages that might contain the answer.

#### Million Short

Million Short is an alternative search engine, which enables users to remove the first 100, 1k, 10k, 10k and 1 million of the most popular search results.

#### • WorldWideScience

A global gateway connecting users to both national and international scientific databases and portals.

#### • Microsoft Academic

A free public web search engine for academic publications and literature, developed by Microsoft Research. Re-launched in 2016, the tool features an entirely new data structure and search engine using semantic search technologies.

#### • Keyword Tool

Keyword Tool is free online keyword research instrument that uses Google auto-complete to

generate hundreds of relevant long-tail keywords for any topic.

#### • <u>2lingual</u>

A Google CSE that lets you search for pages in two languages.

#### • Internet Movie Database

IMDb is an online database of information related to films, television programs, home videos, video games, and streaming content. Including information about cast, production crew, personal biographies, plot summaries, trivia, ratings, reviews and more.

#### • fnd.io

A search engine for the Apple app store and iTunes store.

#### • There Is A Bot For That

A search engine that has over 5,000 bots for over 15 different platforms.

## **Meta Search**

#### • <u>Fagan Finder</u>

One of the best metasearch tools there is. Allows you to search through search engines, social media, encyclopedias, libraries, news, government, documents and much more.

#### • Exalead

A high-end data discovery and search platform that powers search, data collection, and indexing among all technology solutions.

#### • <u>DogPile</u>

A metasearch engine for information on the World Wide Web that fetches results from Google, Yahoo!, Yandex, Bing, and other popular search engines, including those from audio and video content providers such as Yahoo!.

### • Advangle

Allows you to quickly build a query with multiple parameters (such as the 'domain', 'language' or 'date published') and immediately see the result of this query in Google or Bing search engines.

## • All in One

A metasearch engine that combines all major search engines into one. They also allow you to create, configure and customize your own engine.

#### • WebCrawler

The oldest surviving search engine on the internet. It was the first search engine to provide full text searching.

#### YubNub

Yubnub gives you all the details about a website relevant to the business. This website is user-friendly and functions as a search engine. This allows developing and using commands linked to web pages and web services.

#### • MyAllSearch

a multi metasearch engine that provides search results from a number of different search engines. MyAllSearch offers standard web searches, image searches, video searches, news searches and blog searches. Results are available from major search engines, such as Google, Yahoo, Bing & DuckDuckGo.

#### • <u>iZito</u>

Comines search results from Google, Bing, YouTube, Yahoo!, Wikipedia, Entireweb and many more.

## • <u>eTools</u>

Searches major Swiss and international search engines. Queried search engines include Ask, Base, Bing, Brave, DuckDuckGo, ExaLead, Fastbot, FindX, Google, Mojeek, Moose, Qwant, Search, Tiger, Wikipedia, Yahoo! and Yandex.

#### • Zapmeta

Essentially a clone of iZito.

#### • I Search From

Simulate using Google Search from a different location or device, or perform a search with custom search settings.

### • ScrapersnBots

A large collection of online tools for OSINT. Search for users with a specific name on different sites or a single domain. Google image search, YouTube tags, URL extractor and more.

## Similar Site Search

#### • SimilarSites

Enter a website URL and view websites that are similar.

## • <u>SitesLike</u>

Enter a URL or keyword and view websites that are similar or match your keyword.

#### • Alexa Similar Site Search

A great similar site search tool offered by Amazon. Simply search any URL and view the results. For additional results a paid subscription is required.

#### SiteLike

Another simple tool to find related websites via URL.

#### SimilarWeb

A great tool for finding similar and/or competitor websites. Search via website URL.

## **Document and File Search**

#### Library Genesis

This is the largest free library in human history. Giving the world free access to over 84 million scholarly journals, over 6.6 million academic and general-interest books, over 2.2 million comics, and over 381 thousand magazines. Commonly referred to as "Libgen" for short. Libgen has zero regard for copyright.

#### SciHub

A "shadow library" that provides free access to millions of research papers and books by bypassing paywalls. SciHub has zero regard for copyright.

#### • The-Eye

An open directory data archive dedicated to the long-term preservation of any and all data including websites, books, games, software, video, audio, other digital-obscura and ideas. Currently hosts over 140TB of data for free.

#### The-EveDex

A searchable index of the-eye.eu. Much faster than manually digging through subfolders or using Google dorks.

#### • <u>SlideShare</u>

Allows users to upload content including presentations, infographics, documents, and videos. Users can upload files privately or publicly in PowerPoint, Word, PDF, or OpenDocument format.

#### • Slideshare Downloader

Enter the URL of any Slideshare document and this tool will download it for you.

## • <u>Directory of Open Access Journals</u>

Search over 16,000 journals, over 6.5 million articles in 80 different languages from 129 different countries.

#### • Napalm FTP Indexer

Allows you search and download files located on public FTP servers. The most advanced FTP search engine service out there.

### • ManualsLib

This is a great free resource for finding manuals for a wide range of different products and

items. Search by keyword or product brand.

• FreeFullPDF

A Google CSE that searches for scientific publications.

• Open Directory CSE

A neat Google CSE for finding open directories.

FileChef

Search for open directories and files on the web or in Google Drives via keywords. Including document, video, audio, image and executable files. Uses Google dorks.

Palined Open Directory Search

Search for files and open directories via keyword. Uses a Google CSE.

Gdrive Search

A simple and fast tool that allows you to search Google Drive for files.

• GroupDocs Metadata

Upload a document file an view that documents metadata. Supports over 50 different file types.

• ISBNdb

Gathers data from hundreds of libraries, publishers, merchants and other sources around the globe to compile a vast collection of unique book data searchable by ISBN, title, author, or publisher.

• ISBN Search

Search for books by ISBN and view related information.

OAPEN

A massive collection of open access books.

## Video Search

YouTube

The worlds largest video sharing site. You already know what this is.

• Vimeo

A video sharing site that allows users to upload their content in 4K. Also offers many post-production, management, collaboration and feedback tools.

PeteyVid

A video and audio search engine that searches over 70 different platforms.

• Odysee

A video sharing website that uses the LBRY blockchain network.

BiliBili

A Chinese video sharing website that is very similar to YouTube.

## **Podcast Search**

• ListenNotes

Podcast search engine where you can search over 118 million episodes, create your own podcast playlist and cut interesting pieces.

## **Code Search**

• grep.app

Search for strings across half a million git repos.

SearchCode

A great free source code search engine. Helps locate real world examples of functions, API's and libraries in 243 languages from over ten public code sources.

SourceGraph

A web-based code search and navigation tool. Indexes every open source repository with

more than 1 star. Claims to have indexed over 1 million repositories and counting.

• Source Code Search Engine

Find any alphanumeric snippet, signature or keyword in the web pages HTML, JS and CSS code

## Blog, Forum and Image Board Search

• Blog Search Engine

A great tool for searching blogs online. Search for a blog, submit your own blogs, or subscribe to an RSS feed on the blog topic.

## **Job Search**

• Monster

A global employment website where you can search through millions of job listings.

• <u>ZipRecruiter</u>

Search millions of job listings by area.

• Indeed

Launched in 2004, Indeed is a worldwide employment website for job listings.

Glassdoor

A website where current and former employees can anonymously review companies. Also allows users to anonymously submit and view salaries as well as search and apply for jobs on its platform.

## **Archive Search**

• Internet Archive

Internet Archive is a non-profit library of millions of free books, movies, software, music, websites, and more.

Wayback Machine

A digital archive of the World Wide Web. Allows you to search and view historical versions of websites.

Archive.today

An archive site which stores historical snapshots of web pages.

• WebCite

WebCite is an on-demand archive site, designed to digitally preserve scientific and educationally important material on the web by making snapshots of Internet contents as they existed at the time when a blogger, or a scholar cited or quoted from it.

• Google Cache

Google takes a snapshot of each web page as a backup in case the current page isn't available. Simply enter the address you wish to search at the end of the URL. Example: https://webcache.googleusercontent.com/search?q=cache:<ENTER URL HERE>

• Bing Cache

Bing also allows you to view cached webpages. Simply search url:www.<ENTER URL HERE>, click the small arrow next to the result, then click on "Cached".

• MementoWeb Time Travel

Find Mementos in Internet Archive, Archive-It, British Library, archive.today, GitHub and many more.

• The End of Term Archive

This archive contains snapshots of federal government websites (.gov, .mil, etc) in the legislative, executive, or judicial branches of the US government.

• EU Web Archive

Contains the main websites of the EU institutions, which are hosted on the european .eu

domain and subdomains. Its aim is to preserve EU web content in the long term and to keep it accessible for the public.

#### • iTools

iTools is not just a website repository, but it is also a website analyzer that provides you with specifics of the website like contact information, website traffic, Alexa rating, website reputation, data, etc.

#### Arquivo

A Portuguese web archive service that serves as a research infrastructure that enables search and access to files archived from the web since 1996.

#### • TheOldNet

A service that lets users see how websites looked in the past.

#### • Quick Cache and Archive Search

An awesome tool created by <u>@cyb\_detective</u> that lets you search for older versions of websites via search engines and various web archive services.

## **Newspaper and News Search**

#### NewspaperMap

An interactive map of the world that shows you the different newspaper publishers for a specific area, simply zoom into an area of interest.

#### • EMM News Search

Search for news articles from all over the world via keyword. Very useful when investigating companies and widely known individuals.

### • NewspaperArchive

Explore billions of newspaper articles from all over the world. Extremely useful tool. Requires a paid subscription.

#### AllYouCanRead

A searchable list of news sites and newspapers organized by geographic location.

## **Paste Sites**

#### PSBDMP

Lets you search for pastes that have emails, passwords, user:password combos and more.

#### • Pastebin Search

Allows you to search over 33 different paste sites. Uses a Google CSE.

#### • Online IDE and Paste Search Engine

Search and find strings across multiple IDEs, code aggregators and paste sites.

#### • Doxbin

A document sharing and publishing website which invites users to contribute personally identifiable information (PII), or a "dox" of any person of interest. It previously operated on the darknet as a TOR hidden service.

# <u>Social Media Intelligence [SOCMINT]</u>

## **General Social Media Tools**

#### • World Social Media Platforms

A tool from <u>@osintcombine</u> that lets you search for popular social media platforms by country.

## GoFindWho

This is one of the coolest collection of online OSINT tools I have seen. Find people for free by

phone number, name, email address, and username on Facebook and in public records. Created by <a>@netbootcamp</a>, so be sure to follow them for updates.

#### • EffectGroup

One of the best tools for searching people by username, email address, real name or phone number and build a dossier on your target. Searches social media sites, data breaches, documents and much more. Requires a paid subscription after first search.

#### OnePlus OSINT Toolkit

Provides easy to use tools for Facebook, Instagram, Twitter, Reddit, SnapChat, YouTube, Periscope, Twitch, Google+, LinkedIn and more.

#### • SMAT

The Social Media Analysis Toolkit (SMAT) was designed to help analyze and visualize larger trends on a variety of platforms including Reddit, Gab, Parler, 4chan, 8kun, Telegram, Gettr and more.

#### SkyLens

Find geotagged posts from five social networks at once on one map. Includes Twitter, YouTube, Instagram, Flickr and Vkontakte.

#### • Export Comments

Allows you to easily export comments and other details to .xls format from various social media platforms including Facebook, Twitter, Instagram, YouTube, TikTok, VK, Twitch, Discord and Steam. Free use if limited to 100 comments, a paid subscription is required to remove this limitation.

#### • <u>Synapsint</u>

Described as the "Unified OSINT research tool". Scrapes data from other sources, combines the results, then displays it using a simple interface. Search for domain, IP address, IPv6 address, ASN, SSL certs, Google accounts, email address, phone number, Twitter handle or Bitcoin address.

#### • <u>FindMyFBID</u>

A collection of tools for Facebook, Twitter, Instagram, Reddit and YouTube. Find user IDs, search comments on Reddit, calculate earnings from a YouTube channel and more.

#### Social-Searcher

Allows to search for content in social networks in real-time and provides deep analytics data. Users can search without logging in for publicly posted information on Twitter, Google+, Facebook, YouTube, Instagram, Tumblr, Reddit, Flickr, Dailymotion and Vimeo.

### SocialBlade

Tracks user statistics for YouTube, Twitch, Instagram, and Twitter accounts.

## • <u>Shreateh Social Media Tools</u>

A large collection of SOCMINT tools for Facebook, YouTube, Instagram, Twitter and TikTok.

#### • Kriburm

A Russian site that act as a search engine for different social media platforms. Includes filters by author and time period.

#### AussieFinder

Search 5 different social media networks at once for Australian citizens. Uses a Google CSE.

#### • <u>Social Salary Calculator</u>

Calculate how much views or followers you would need to match a current salary. Almost useless, but still worth mentioning because its *neat*.

#### SignalHire

An interesting tool that helps you find emails and phone numbers. Requires a paid subscription.

#### • <u>SocialNetworkHarvester</u>

A great tool that allows you to gather, analyze and visualize data. Requires a paid subscription.

## Clubhouse

• ClubhouseDB

A free Clubhouse analytics tool. Find the most followed users and clubs using this database.

RoomsOfClubhouse

Search open and scheduled rooms in the Clubhouse app.

• ClubSearch

Search open and scheduled rooms.

Avatar Reverse Search

Reverse image face search over 4.5 million Clubhouse avatars.

## Discord

• DisBoard

A public server search engine.

• <u>DiscordBee</u>

A search engine for public Discord servers.

DiscordServers

Another great search engine for public Discord servers.

• <u>DiscordHub User Search</u>

A tool for searching Discord users.

• DiscordID

Another good tool for searching Discord users.

Top.gg

Search for Discord bots.

• UnfURL

If you have any URLs of interest from Discord, you can potentially extract additional timestamp info. Each Discord ID (for user, channel, server, or file attachment) has an embedded timestamp that shows when that object was created. This tool will help you extract them.

• <u>Discord Snowflake to Timestamp</u>

A "snowflake" is essentially a unique ID for a resource which contains a timestamp. You can copy the snowflake from a message, user, channel, etc by right clicking on them in Discord. This will let you check the age of a Discord account or server.

• Discord History Tracker

Lets you save chat history in your servers, groups, and private conversations, and view it offline. Be careful, as this tool technically goes against Discord's ToS, so its possible that you could get your account banned!

## **Facebook**

• OSINT Combine Facebook Tools

A simple way to quickly search for multiple keywords from a list or open mutual friends for multiple profiles at the same time. It simply loads a new tab for each word or ID searched to create efficiency when working from a list of search terms or IDs, it does not do any advanced searching or automation.

• 2019 Facebook Breach Search

An .onion site that allows you to search through the full 2019 Facebook data breach. Click <u>here</u> for a clearnet proxy.

WhoPostedWhat?

Allows you to search keywords by specific dates, date ranges and location.

Sowdust Facebook Search

This page tries to be a simple interface to show how the current Facebook search function works. Still experimental.

• Facebook Matrix

A collection of techniques and formulas for searching Facebook.

Search is Back

Find people and events on Facebook. Searchable by name, location, relationship, gender, language, and more.

<u>Facebook Dangerous Individuals and Organizations List</u>

A leaked internal document from Facebook that contains their list of dangerous individuals and groups. Worth saving. Archived copies available <a href="here">here</a> (Wayback) and <a href="here">here</a> (Wayback). Original .pdf available <a href="[PDF]here">[PDF]here</a>. Archived copy available <a href="here">here</a> (Wayback).

• Facebook Law Enforcement Guide

Guidelines and resources for law enforcement officials seeking records from Facebook and/or Instagram.

## Flickr

• Flickr Maps

Image metadata from Flickr plotted on a map.

• <u>idGettr</u>

Use the URL of a Flickr photo stream to find the Flickr ID number, also works for groups.

## **GitHub**

• GitHub Rater

Rates GitHub profiles with data received from the GitHub API.

• CommitsTop

A list of the currently most active GitHub users, sorted by country.

Gitstar Ranking

Unofficial GitHub star ranking for users, organizations and repositories.

GitHubCompare

A tool that allows you to compare two GitHub repositories.

## Gravatar

• Gravatar Email Search

Tool to search for a persons Gravatar by entering an email address.

## Instagram

• SearchUsers

Search for Instagram users by name or username.

SearchMyBio

Search a users bio. Find users that list their location, interests, occupation, other social media accounts and whatever else is listed on their profile biography.

<u>Imglnn</u>

View Instagram profiles, download photos, videos and stories, watch Instagram stories anonymously.

• InFlact

Analyze any public profile on Instagram. Enter a username of any public profile to view profile information, pictures and precise statistics.

#### • Worldcam

Search Instagram by location. Find the latest Instagram photos from places on the other side of the world, or just around the corner.

## • BearPanther Insta Map

Takes geo-tagged Instagram posts and plots them on a map. Similar to Worldcam.

#### MetaHashtags

Find all related Instagram posts via hashtags with analytics and metrics. Allows you to sort hashtags and export them to a list. They also offer a paid subscription that includes additional tools.

#### Pixwox

Instagram profile, post, story viewer and downloader, easily view and download Instagram photo and videos online.

#### • <u>Dumpor</u>

View profiles, reels, stories, followers, following and tagged posts anonymously. Allows you to download posts.

#### Picuki

Search, view and edit Instagram content without having to log in.

#### • Gramhir

Search and analyze profiles and hashtags without having to use an account.

#### StoriesDown

Allows you to view and download Instagram stories and posts without an account.

#### • <u>Bibliogram</u>

Takes data from Instagram's public profile views and puts it into a friendlier page that loads faster, gives downloadable images, eliminates ads, generates RSS feeds, and doesn't urge you to sign up.

#### • <u>Instadp</u>

An online tool that displays full size profile pictures of a user. It also allows you to download photos, videos, stories and reels.

#### • InstaFollowers

A simple tool that allows you to get a Instagram users user ID by searching their username.

#### • Find Instagram User ID

A simple tool that extracts a users Instagram user ID from their username.

#### • <u>iGram Downloader</u>

A simple online tool that allows you to download images, videos and IGTV posts via URL.

## Kik Messenger

## • Kik User Information

Enter a Kik username and get information for that account in JSON format. Includes full name, profile picture, and a UNIX formatted timestamp of when the profile picture was last changed. Example: https://ws2.kik.com/user/<username\_goes\_here.

#### • KikMe Username Search

Check if a username exists simply by entering in a username in the URL. Displays full name, username and profile picture. Example: <a href="http://kik.me/<username\_goes\_here">http://kik.me/<username\_goes\_here</a>.

## • KikUsernames

Search for Kik usernames.

## LinkedIn

#### • Recruit'em X-Ray Search

Recruit'em is a tool that helps you find people on social networks. It creates a basic Boolean string that searches for publicly available webpages using Google.

FreePeopleSearchTool

Find LinkedIn profiles without using your account.

• Chartloop

Get a birds-eye view of an organizations team structure and location. Requires a paid subscription.

• LinkedIn Prospect Boolean Search

Designed to help easily build search strings to generate targeted lists of LinkedIn users.

## Mastodon

NOC Social Search

Search for social accounts across multiple Mastodon/Fediverse instances. Discover content and users on this open source social network.

## **OnlyFans**

• OnlyFinder

Search for accounts and images by username, keyword or geographical location.

OnlySearch

Search for OnlyFans accounts via username or keywords.

FansMetrics

Lets you search for accounts by username and provides metrics and analytics for a given account.

• FindrFans

Allows you to search by a username, country, and a few different US states.

Hubite

OnlyFans profile search, includes a price filter.

## **Parler**

Parler Archive

A searchable dataset of the Parler social network.

## **Patreon**

• Graphtreon

Provides information and statistics for Patreon accounts such as earnings, rank, creation date and more.

## **Pinterest**

• PinGroupie

A massive Group Pinterest board directory with over 29,000 group boards listed. Also has an advanced search function.

• Pinterest Site Map

A site map of Pinterest users, collections and topics.

## Reddit

• Camas Reddit Archive Search

One of the best Reddit archives out there. Search for deleted posts and comments. Allows you to search by username, subreddit, date range, string, or a commination of all.

• Reveddit

A searchable archive of removed content on Reddit. Search by username, subreddit, link or

domain.

• Reddit User Analyzer

Helps analyze a Reddit user's account and provides you with various metrics.

• Reddit Comment Search

Search through comments of a particular reddit user.

ReSavr

This site archives deleted comments on Reddit and lets you search them via keyword.

• Pushshift Reddit Search

A comprehensive search engine and real-time analytics tracker for Reddit.

• Map of Reddit

A very organized interactive map of subreddits.

• Searcheddit

Search through Reddit via specific keywords.

• YASIV Reddit Visualization

Search for a subreddit and view an interactive chart of related subreddits.

RedditMetis

Enter a username and see recent activity, comment and submission summaries, word cloud, and more interesting stats. Data is generated from the last 1000 comments and submissions.

Redective

Search for a username or subreddit and view in-depth statistics about it.

• The-Eye Subreddit Archive

A collection of archived subreddits from the-eye.eu. Includes some NSFW subreddits.

• Red<u>dit Archive</u>

A non-searchable historical archive of Reddit posts. Almost useless, but still worth mentioning.

• Rdddeck

A simple tool for monitoring subreddits.

• DeaditArchive

A small archive of various banned subreddits.

## **SnapChat**

Snap Map

An interactive map that allows you to view public snaps from a specific location, simply click on a general area.

• Snap Code Search

Search for a username and see their Snap Code. Simply edit the URL and input a username, like so; https://feelinsonice.appspot.com/web/deeplink/snapcode?username=ENTER-USERNAME-HERE&size=400&type=SVG.

• SnapChat Stories

Enter a username and view any of their public SnapChat stories as well as account information like display name, Snap Code and Bitmoji avatar. Example; https://story.snapchat.com/@ENTER-USERNAME-HERE.

• GhostCodes

Snapchat discovery platform that enables you to find new people to follow on Snapchat, and allows "influencers" to grow their following.

• [PDF] Snap Inc. Law Enforcement Guide

A very useful guide for law enforcement when dealing with SnapChat during an investigation. Archived copies can be found <a href="here">here</a> (Wayback) and <a href="here">here</a> (archive.today).

## Skype

#### • <u>Skype Search Engine</u>

Search for Skype users by username, real name or location. Provides profile picture, name, Skype username, country, city, date of birth and live ID.

## • Email2Skype

A simple tool that retrieves a Skype account details such as profile picture, username, real name and location from an email address. Looks like a typical skid site, but it actually does work. This site also offers a bunch of other useful tools as well.

## **Spotify**

#### • Chosic Playlist Analyzer

Analyze any playlist on Spotify, calculate the "mood", determine favorite genres and favorite artists.

### • ChartMasters Streaming Calculator

Generate a report of the number of streams from a particular artist's tracks on Spotify. Requires registration.

## **Telegram**

#### • IntelX Telegram Search

A great Telegram search engine offered by IntelX.

#### • TelegramDB

Database of public Telegram groups, channels and bots.

#### Buzz.im Search

A tool that allows you to search Telegram channels, messages and authors for a specific string.

#### • SovaWEB Telegram OSINT Bot

A very interesting Russian OSINT bot for Telegram. Search via username, email, IMSI, IMEI, BTS, MSISDN, IP address or BSSID. Click <u>here</u> for a Russian to English translation.

#### • <u>Lyzem</u>

A search engine for Telegram and Telegraph.

#### <u>Telegogo Google CSE</u>

Search for channels, groups, bots and public messages with this Google CSE.

#### • <u>TelegramGroup</u>

Search for channels, groups and bots.

#### • xTea

Another tool that allows you to search for channels, groups and bots on Telegram.

### • Telegcrack

A search engine for Telegra.ph. You can find the all posts with known title. Currently has around 3,554,101 posts indexed.

#### • <u>Telemetrio</u>

Channel and chat statistics service for Telegram.

#### • <u>TelegramCatalog</u>

A large directory of Telegram channels, organized by subject.

#### • sssoou

Search Telegram for Chinese channels, groups and bots.

## • <u>CommentGram</u>

A Google CSE that allows you to search for comments in Telegram threads.

## • <u>Tgstat</u>

One of the largest directories of Telegram channels. Provides detailed information about audience growth, engagements, and mentions of a particular channel in various sources.

• Exgram Search

Tool based by Yandex Custom Search. Searches 17 Telegram content aggregator sites.

## TikTok

• <u>TikStats</u>

A profile analyzer for TikTok that displays profile statistics.

• Exolyt

A TikTok analytics and monitoring platform for any TikTok profile or video.

• <u>MaveKite</u>

Enter the nickname of a user and get the data on likes, comments, views, shares and engagements for their last forty videos.

• <u>TikBuddy</u>

Performs profile analytics for a user profile.

• <u>TikTokD</u>

Allows you to download TikTok videos without watermarks via username.

ssstik

A simple online tool that allows you to download TikTok videos without the watermark via a URL.

## **Tinder**

• Tinder User Search

Use the actual Tinder service to search if a username exists. Example: <a href="https://tinder.com/@username">https://tinder.com/@username</a>.

## **Tumblr**

• Tumblr Original Post Finder

Find all original posts for any Tumblr blog. You can filter posts by note count or a certain tag.

• Tumblr Tools

Collects posts tagged with a specific term from Tumblr and export to a .tab or .gdf file.

## **Twitch**

• <u>TwitchTracker</u>

Get a detailed analysis of a Twitch streamer.

• Twitch Tools

Download a full list of followers for any Twitch account and export them to a .csv file.

• SullyGnome

Provides detailed statistics and analytics for a Twitch user.

• 2021 Twich Leaked Data

In October 6th, 2021, Twitch got hacked and their data was dumped online. This article explains the contents of the breached data and provides a magnet URI to download the raw data. Page has been archived <a href="here">here</a> (archive.today). Read the official statement from Twitch here.

• Twitch Earnings Lookup

Data was taken from the hacked Twitch data that was leaked online on October 6th, 2021. Page archived <a href="here(Wayback)">here (Wayback)</a> and <a href="here(archive.today)</a>.

TwitchTools

Search streams and filter results by title, game, language, number of viewers. Also provides other useful tools for Twitch.

## **Twitter**

#### • <u>TinfoLeak</u>

Create a dossier on a Twitter user. Information includes name, username, profile picture, location, followers, devices, applications and operating systems used, social networks, creation date, hashstags used, user mentions, and more.

#### • AccountAnalysis

This tool enables you to evaluate Twitter accounts. For example how automated they are, how many retweets they post, or which websites they link to most often.

#### Nitter

Allows you to view a persons posts, images and videos without having a Twitter account yourself. Also has a very handy search function that allows you to search through a persons tweets for a specific string.

## • Account Change History Search

Spoonbill lets you see profile changes from the people you follow on Twitter. Contains bios, website, locations, and name history.

#### • Advanced Search on Twitter

A nice page that describes the various different search operators that can be utilized on the Twitter <u>advanced search function</u>.

#### • <u>TruthNest</u>

Analytics and statistics for a Twitter account. Requires you to login.

#### • <u>TweetBeaver</u>

A great collection of various tools for preforming Twitter account OSINT. Requires you to be sign into your Twitter account.

#### • <u>TweetMap</u>

Visualize hundreds of millions of tweets in real-time, from the global level all the way down to your neighborhood.

## • <u>OneMillionTweetMap</u>

A tool used to visualize tweets and aggregated Twitter data in a world map.

#### • <u>TrendsMap</u>

An interactive map of the current hashtags, users and subject that are trending on Twitter.

#### All My Tweets

View all tweets, likes, followers or timeline on one page. Great for viewing, searching and saving Twitter info.

### • <u>Twiangulate</u>

Helps with mapping connections between Twitter friends and followers and provides analytics.

#### • Twitter Video Downloader

A simple online tool that allows you to quickly save videos posted on Twitter. Simply enter the posts URL.

#### Shadowban Test

Allows you to check is a Twitter user is "shadowbanned" or not.

#### GeoSocial Footprint

Provides an easy way to view a users geo-social footprint by analyzing GPS enabled tweets, social check-ins, natural language location.

#### BotSentinel

A platform developed to classify and track inauthentic accounts, bots and toxic trolls.

#### • Sentiment140

A Twitter sentiment analysis tool. Discover the positive and negative opinions about a product or brand. Also has an API available.

### • Twubs

Follow hashtags, conversations, tweets, photos, videos and more in real-time. Also allows

you to participate and host public Twitter chats.

#### • <u>TweetTunnel</u>

Allows you to search old and/or deleted tweets from a specific user. Does not work with every account and this site is no longer maintained as far as I know.

#### • Tweet Archivist

Analytics tool to search, archive, analyze, visualize, save and export tweets based on a search term or hashtag. Requires a paid subscription.

#### MyTweetAlerts

Search Twitter for the tweets most important to you and receive custom tweet alerts. Requires a paid subscription.

#### • <u>TweetsMap</u>

Al powered Twitter analytics. Requires a paid subscription.

#### • <u>TweetedAt</u>

Extracts the exact date and time from the tweet ID by reverse-engineering the <u>Twitter</u> Snowflake.

#### FollowerAudit

In-depth analysis of Twitter followers. Identifies inactive and fake accounts, assesses followers by the number of tweets, profile information, biography, geolocation, links, profile picture. Requires you to login to Twitter.

## • <u>TweetTopicExplorer</u>

Retrieves recent tweets and displays the most common words used in those tweets. The larger the circles, the more frequent the word used.

#### SleepingTime

Find the potential sleeping schedule of a Twitter user. Requires you to log in to a Twitter account.

#### • FollowerWonk

Search Twitter bios, compare users, and analyze location and tweet activity of followers.

## **Untappd**

#### UntappdScraper

An OSINT tool for scraping data from the untappd.com social media site.

## **VKontakte**

#### Search4Faces

Search by image for VK, Odnoklassniki, TikTok and Clubhouse profiles.

#### • Photo-Map

Search for geo-tagged posts from vk.com.

#### • VK City4Me

A great tool for tracking a VK users time spent online.

## **VSCO**

### • VSCO Search

Search for users and images on the official VSCO platform. They have no option for users to set things as private, so all information is public, including image metadata when available.

## • VSCO Page

Allows you to view full VSCO profiles, posts and image metadata. Also lets you download images and videos. Warning, this site goes quite heavy on the pop-ups and ads.

## YouTube

#### • YouTube GeoFind

Find geo-tagged videos and view them on a map. Sort by username, channel or location.

#### YouTube Comment Finder

Find comments for videos. Search by video, video ID or channel.

#### Hadzy

Search, sort and analyze YouTube comments.

#### Unlisted Video Search

A website for submitting, searching for, and watching unlisted YouTube videos.

#### YouTube Metadata Viewer

Enter a video URL and view that videos metadata.

#### Channel Search

Tool for searching YouTube channels by keyword and creation date. The result is a table with the channel ID, name, description, date of creation, as well as the number of subscribers, views, and uploaded videos.

#### • Montage

Search YouTube videos by date or by geo-location. Requires registration.

#### • <u>WatchFrameByFrame</u>

Allows you watch YouTube videos frame-by-frame. Also works with Vimeo.

#### Anilyzer

Another online tool to play any YouTube or Vimeo video frame-by-frame.

#### PwnYouTube

Download a YouTube video from any web page by adding pwn to the beginning of the URL.

#### NSFW YouTube

A bookmarklet that bypasses the any restrictions set by YouTube.

#### AltCensored

View over 177,000 Censored YouTube videos from over 2,000 deleted channels.

#### • You-TLDR

A free tool and bookmarklet that gathers an easy to read "too long, didn't read" (TLDR) transcript of any YouTube video.

## • <u>SaveSubs</u>

Allows you to convert, edit and download subtitles from YouTube, Facebook, DailyMotion and more for free.

## **WhatsApp**

### WACheck

Enter a WhatsApp number and see if the user is currently online or not.

#### WATools

Easily download a WhatsApp profile picture online, check to see if a phone number exists on WhatsApp, and check to see if a user is online or not.

## • WhatsApp Reverse Phone Lookup

Tool that allows you to enter a phone number and view the WhatsApp account connected to it. Including username and profile picture. Requires a paid subscription.

#### • WhatsApp Law Enforcement Guide

A guide for law enforcement personnel when dealing with and requesting data from WhatsApp.

#### WhatsAnalyze

An open-source tool that analyzes WhatsApp group messages and provides statistics such as word clouds, timelines, message frequency and more.

## • ChatVisualiser

A simple tool to assist with the visualization of WhatsApp chats.

## 4chan and 8chan

• Archived.moe

A searchable archive of most 4chan boards.

Archive Of Sins

An archive of NSFW 4chan boards. The search function is offline at the time of writing this. It's database is almost identical as the site mentioned above.

Desuarchive

Searchable archive of various SFW 4chan boards.

• Wakarimasen Archive

Searchable archive of various SFW 4chan boards. Basically a clone of the above web site.

• 4chan Search

A Google CSE that allows you to search 4chan and its various archives.

• <u>Search4chan</u>

Essentially a clone of the above site.

• 4plebs

A searchable archive of all threads and images from /adv/, /f/, /hr/, /o/, /pol/, /sp/, /tg/, /trv/, /tv/ and /x/. Reminder: 4chan is serious business, you might get offended.

• The /b/ Archive

A searchable archive of /b/, /bant/ and /talk/. Beware, lots of NSFW content here.

• 4chan Find

Search current 4chan threads for matching keywords.

4chan Archives

A really old, non-searchable archive of 4chan. Dated from 2016.

Qresearch

A searchable archive of "QAnon" related posts from 8kun/8chan.

# <u>Mapping and Geo-Spatial Intelligence</u> [GEOINT]

## **General Mapping Tools**

• Google Maps

A web mapping platform and consumer application offered by Google. It offers satellite imagery, aerial photography, street maps, 360° interactive panoramic views of streets, real-time traffic conditions, and route planning for traveling by foot, car, air and public transportation.

• Bing Maps

A web mapping service provided as a part of Microsoft's Bing suite of search engines and powered by the Bing Maps for Enterprise framework.

• <u>OpenStreetMap</u>

A collaborative project to create a free editable geographic database of the world. The geodata underlying the maps is considered the primary output of the project.

Soar Earth

Allows you to explore and download satellite, aerial and drone imagery of the Earth.

• Wayback World Imagery

A digital archive of the world imagery base map, enabling users to access different versions of world imagery captured over the years.

• LocalFocus GIS Toolkit

A great collection of mapping tools for investigative researchers and journalists.

#### • F4 Map

This is a 3D interactive map of the world. Pretty neat.

#### • Image Hunter

The only search engine that includes over 115 million images and 54 satellite, aerial and DEM datasets from all around the world.

#### • HereWeGo Maps

A free mapping tool similar to Google Maps. They also offer a mobile application that allows you to download maps of areas for offline use. Very handy.

#### • MapQuest

A free online web mapping service. Allows you to find driving directions, maps, live traffic updates and road conditions, nearby businesses, restaurants and hotels.

#### • Maxar Archive Search

Maxar offers the most comprehensive suite of commercial satellite imagery. Highlight an area of interest, view and download historical satellite imagery. Requires a paid subscription for best results.

#### • Sentinel Hub EO Browser

The EO Browser aims to contribute to achieving a global, continuous and easily accessible source of satellite imagery data. Very useful tool.

#### Terria Australia

A great tool for Australian-oriented geospatial investigations. Includes some incredibly highres imagery.

#### • GeoHack Tools

Just add location and receive a list of OSINT resources for that area. Maps/satellite imagery, photos, live weather, flight and maritime tracking, railways, peaks and even fitness device data.

### • NOAA Digital Coast

Provides the data, tools, and training that communities use to manage their coastal resources. Here users find topics of interest from climate adaptation to ocean planning, plus quick access to the Digital Coast data, tools, and training most relevant to a particular topic.

### • Wikimapia

A geographic online encyclopedia project. The project implements an interactive web map that utilizes popular mapping services with a geographically-referenced wiki system, with the aim to mark and describe all geographical objects in the world.

### • City-Data

Collecting and analyzing data from a variety of government and private sources, they are able to create detailed, informative profiles for every city in the United States. From crime rates to weather patterns.

#### • <u>360cities</u>

Interactive map that lets you explore panoramic images taken in specific locations.

#### 360 Gigapixels

A collection of gigapxel images of various places on Earth. Offered by 360cities.

#### • EOS Land Viewer

Land Viewer is a satellite observation imagery tool that allows for on-the-fly searching, processing and getting valuable insights from satellites data to tackle real business issues. Lets you mark and download satellite imagery. Requires a paid subscription for best results.

## Global Wetlands Map

Interactive map of open waters, mangroves, swamps, fens, riverines, flood swamps, marshes, wet meadows and floodplains. Does not include every country.

#### • FreeMapTools

An online resource that enables visitors to easily and quickly use maps in order to measure, search and overlay mark-up elements on maps for a wide range of useful applications.

#### ArcGIS Living Atlas of the World

ArcGIS Living Atlas of the World is the foremost collection of geographic information from around the globe. It includes maps, apps, and data layers to support your work.

#### Overpass Turbo

A web based data mining tool for OpenStreetMap. It runs any kind of Overpass API query and shows the results on an interactive map. Using it can get technical quite quickly, beginners may find the "wizard" a good place to start.

#### • MapChannels

Lets users easily embed maps into websites and blogs. A number of tools are available to create maps from KML, GeoRSS or spreadsheet map data. A range of features and options let you customize the map appearance to meet a range of mapping needs.

## ISRO Geoportal

The gateway to Indian Earth observation. Providing visualization services and Earth observation data to users in public domain.

#### • GPS Coordinates

A simple tool that allows you to get GPS coordinates from an address or landmark.

#### • SunCalc

A simple tool that determines sun rises and sunsets by location.

#### WhoDidIt

Click on an area on the OpenStreetMap to get a list of usernames who have made changes and edits. Includes dates when the edits were made.

#### Dual Maps

Lets you combine Google Maps, aerial imagery and Google street view into one embeddable control. Very handy.

#### • <u>VirtualGlobeTrotting</u>

View amazing satellite imagery from across the globe. Celebrity homes, roadside attractions, landmarks, military and much more.

#### • <u>VirtualVacation</u>

The website that lets you experience the world from home. Offers virtual tours, live cameras, a fun "City Guesser" game and more.

#### • EarthEngine

Allows users to use simple UI elements to leverage Earth Engine's data catalog and analytical power, for experts and non-experts alike to use.

### • The Degree Confluence Project

Contains photographs of the intersections of integer latitude and longitude degree lines.

#### • <u>Mapcarta</u>

Explore open knowledge from OpenStreetMap, Wikipedia, and more.

#### DarkSky Map

A 3D view of Earth with different data layers such as temperature, UV, cloud cover, wind, and more.

#### Mapy

A general all-purpose online map with plenty of options.

#### • <u>EuroGeoGraphics</u>

A non-profit organization representing Europe's national mapping, cadastral and land registration authorities. Requires a paid subscription.

#### MapChecking

Helps estimate the maximum amount of people standing within any given area. Great for fact checking.

#### • ShadeMap

An amazing interactive map that displays where shadows fall in a specific location, at a specific time and date all from within a browser. It uses <u>Mapbox's 3D Dataset</u> and was created by Twitter user <u>@truted2</u>, be sure to follow him for updates on this project.

#### • Ocelli Project: Rakhine

An interactive geospatial dataset that documents open source evidence of the systematic displacement and genocide of the Rohingya ethnic minority in Myanmar's Rakhine state.

#### • HawkEye360

Provides precise mapping of radio frequency emissions. This unique ability to identify and geolocate sources of radio frequencies from space. Requires a paid subscription.

#### • Kakao Map

A very detailed map of South Korea.

#### • Online KML Viewer

Simply upload any KML or KMZ file and this tool will allow you to view it.

## **Street View Maps**

#### KartaView

Is a project to collect crowdsourced street-level photographs for improving OpenStreetMap.

## • <u>Mapillary</u>

A crowd-sourced street-level imagery platform that scales and automates mapping using collaboration, cameras, and computer vision.

### • Instant Street View

Uses the Google Places Library Autocomplete service to quickly get the location you're looking for. It uses the street view service to display the street view panoramas and allows for easy bookmarking or sharing. It is fast and features clear images.

#### RouteView

See your route via Google Street view. Requires a Google Maps API key.

## **Political Maps**

#### IR Map

IR Map provides a clear and comprehensive picture of international relations between countries.

#### • 24 Time Zones

This interactive map represent time zones around the world and cities observing them. Just point at the city on the map or search it in the search field to see the detailed information.

#### • Native Land

A global map of first nations land and reservations.

#### • CIVICUS Monitor

A research tool and map that provides close to real-time data on the state of civil society and civic freedoms in 196 different countries.

#### • <u>HateMap</u>

Provides information about various hate groups across the USA.

## • World Map of Encryption

An interactive world map that shows the legal status of encryption by country. In some countries, the use of encryption-related technologies is relatively unconstrained; in others, companies and users face significant restrictions.

#### • <u>DLA Piper Global Data Protection Law Map</u>

Provides an overview of the key privacy and data protection laws and regulations across the globe.

#### Maplt

A service that maps geographical points to administrative areas. Uses OSM data.

#### • COVID-19 Travel Regulations Map

An interactive map that shows you the current travel restrictions and entry requirements in regards to the COVID-19 pandemic.

#### Travel Restrictions Map

Another interactive map the shows you the currently travel restrictions in-place due to the COVID-19 pandemic.

## • World Population Density Map

An interactive map that displays the population densities from all over the world.

#### WorldAtlas Countries of the World

Lists information about each country on Earth. Including flags, populations, GDP statistics, capital cities, ISO codes and dialing codes.

#### • Power Plug Sockets

A directory that shows you the different types of power plug sockets used in different parts of the world.

#### WorldPlugs

Provides information and an interactive map about the different types of electrical outlets used in different parts of the world.

#### • Global Military Base Map

An interactive map that provides information about different military bases and installations around the world. Uses OpenStreetMap data. Map created by <a>@GONZOs</a> int, go give him a follow!

## **Topographic and Geologic Maps**

#### USGA TopoView

Enter a location in the search bar and see all topographic maps for that location. USA based.

## • Atlas of Canada Toporama

A large collection of topographic maps of Canada provided by the Canadian government.

## • NGMDB Geologic Maps

Map for exploring some geologic maps and articles from the National Geologic Map Database (NGMDB).

## • OpenTopoMap

A project that renders topographic maps from OSM and SRTM data.

## **Historical Maps**

#### • OldMapsOnline

Offers old and historic maps from all over the world.

#### • Arcanum Maps

Offers loads of historical maps from all over Europe. Requires registration and payment.

#### • Disease Map

An interactive map of human diseases, both historical and current.

## **Weather Maps**

## **General Weather Maps**

## • Zoom Earth

View live satellite images, rain radar, and animated wind speed maps. Track the latest hurricanes, weather and wildfires in real-time.

### • OpenWeatherMap

An online service that provides global weather data via API, including current weather data, forecasts, nowcasts and historical weather data for any geographical location on Earth.

#### • NullSchool Earth

See current wind, weather, ocean, and pollution conditions, as forecast by supercomputers on an interactive animated map. Updated every three hours.

#### Windy

View current worldwide wind and weather forecasts.

#### • EIA Maps

A collection of interactive maps for energy infrastructure, floods, real-time storm tracking and a wide variety of other data offered by the US Energy Information Administration.

#### WunderGround

Find historical weather information by searching for a city, postal code, or airport code. Include a date that you would like to see weather history for.

#### Ventusky

Live wind, rain and temperature maps, detailed forecast for your place, data from the best weather forecast models such as GFS, ICON, GEM.

#### • <u>LightningMap</u>

See lightning strikes in real time across the planet. Free access to maps of former thunderstorms.

#### • The Weather Network Radar

Weather maps provide past, current, and future radar and satellite images for local cities and regions.

#### • <u>US National Weather Service Forecast Maps</u>

A collection of weather maps and data for the US. Provided by the US National Weather Service.

#### MeteoBlue

View current weather reports for basically everywhere.

#### RainAlarm

A map that shows where it is currently raining.

#### • World Air Quality Index

Shows global air quality information in real-time.

#### • Blitzortung Live Lightning Map

See lightning strikes in real-time for any location on Earth.

#### • Blitzortung Live Lightning Map Archive

A historic archive of lightning strikes from any location on Earth.

#### • Light Pollution Map

An interactive map that displays light pollution information by area.

#### WindFinder

Wind forecasts, wind radar, wind force and weather.

#### WindGuru

Provides maps of wind and weather model forecasts.

## **Natural Disaster Maps**

## • <u>FireSmoke</u>

Contains information about wildland fire weather and smoke. From here you can access smoke forecasts, fire weather forecasts, fire information and track the movement of smoke.

#### • NASA Fire Map

A map of current fire hotpots from around the world provided by NASA.

#### • NOAA NCEI Global Hazards Map

View natural hazards from around the world.

#### TornadoHQ

Displays live information and warnings about tornados in the U.S. on a map. They also provide a historical archive of tornado warnings.

#### • Live Earthquakes Map

A tool that lists current information about earthquakes happening around the world in near real-time.

# • Tertremo Live Earthquake Map

An interactive map that shows you earthquakes and information about those earthquakes happening across the globe in near real-time.

# • GDACS

The Global Disaster Alerting Coordination System (GDACS) provides real-time access to web-based disaster information systems and related coordination tools.

# • <u>Surging Seas Risk Zone Map</u>

Tracks the risk zones due to the rise in sea levels as a result of global climate change.

#### Cyclocane

An interactive map that shows information about hurricanes.

#### • <u>VolcanoDiscovery</u>

Provides a map and information about current volcanic activity all over the globe. Major and minor eruptions, activity reports and warnings.

# • Volcanoes And Earthquakes

A live interactive map that displays information about active volcanic eruptions and earthquakes currently taking place around the world.

# • Smithsonian Global Volcanism Program

Another map and information source for current and historic global volcanic activity.

#### • USGS Hawaii Lava Flows

Provides information and tracking of lava flows and high-risk areas on the Hawaiian Islands. Click <u>here</u> for the latest lava flow hazard map. Archived copies of the .pdf document are available <u>here (Wayback)</u> and <u>here (archive.today)</u>.

# **Ocean Maps**

# **General Ocean Maps**

# NCEC Bathymetric Maps

NCEI is the official distribution point for NOS bathymetric maps, bathymetric/fishing maps, regional maps, geophysical maps, and preliminary maps.

# • NOAA Historical Charts

An interactive map that allows you to search historical ocean and fishing maps.

# • USA Fisher Map

An interactive map that displays depths and other information for a selected body of water. They also offer nautical maps.

# • GlobalFishingWatch

Interactive map that allows you to view the current fishing efforts at a specific location.

# • OCEARCH Shark Tracker

A pretty interesting mapping tool that lets you track sharks, turtles, whales and other ocean animals. Some of the data appears to be a few years old, but still cool.

# • OpenCPN

This software allows you to download and organize ocean and navigation charts.

# **Shipwreck Maps**

# • ShipwreckWorld

An interactive map of shipwrecks from around the world.

# • Google Shipwreck Map

A map of shipwrecks featured on Shipwreckology plotted on Google Maps.

# • 3D Shipwreck Data

A 3D interactive map of shipwrecks from various time periods.

#### Wrecks and Obstructions

A database and map of shipwrecks and obstructions on the sea floor.

# **Tree Maps**

#### GlobalForestWatch

Explore the state of forests worldwide by analyzing tree cover change on GFW's interactive global forest map using satellite data.

# • FallingFruit

A massive, collaborative map of the urban harvest uniting the efforts of foragers, freegans, and foresters around the world. Explore and share information about the sources of free food in your neighborhood.

# • OpenTreeMap

A collaborative platform for crowdsourced tree inventory, ecosystem services calculations and urban forestry analysis. Basically one giant database of trees.

# • NYC Street Tree Map

The world's most accurate and detailed map of Ney York's street trees.

# • London Street Trees

A dataset of street trees in London, UK. There are currently 815,916 trees in this dataset.

#### • Vancouver Street Trees

A dataset of street trees in Vancouver, BC Canada.

#### • Toronto Street Trees

A dataset of street trees in Toronto, ON Canada.

# **Network Maps**

# **Internet Maps**

# • HE Backbone Network Map

A 3D WebGL map of Hurricane Electric's backbone network, global submarine cables and global data-centers.

# • Submarine Cable Map

A comprehensive and regularly updated interactive map of the world's major submarine communication cable systems and landing stations.

# • Infrapedia Map

Claims to be the most complete and versatile interactive infrastructure map of the Internet. Requires registration.

#### • Map of the Internet

A 3D interactive internet map, search engine, index and directory. Each domain, website, or any other internet address is represented by cubes in 3D space. Over 1 Billion internet domain hosts can be found on this map. Pretty neat.

# • Historical Computer Network Maps

Interesting collection of historical maps for ARPANET, the internet, Usenet, and other computer networks.

# • Indexmundi Internet Users by Country

Shows how internet use varies by country. The shade of the country corresponds to the magnitude of the indicator. The darker the shade, the higher the value.

#### • Internet Exchange Map

A free interactive map of internet exchanges that depicts over 300 active exchanges and more than 500 buildings. Data contained in this map was complied by TeleGeography and is updated on a regular basis.

# • The Internet Mapping Project

Started at Bell Labs in the summer of 1998. Its goal is to acquire and save Internet topological data over a long period of time. This data has been used in the study of routing problems and changes, DDoS attacks, and graph theory.

# • CRTC Broadband Coverage Map

Broadband internet coverage map for Canada, provided by the CRTC.

# • Lightbox Connectivity Map

This service provides users with precise internet connectivity data for all structures across the United States. Requires a paid subscription.

# • TeleGeography Global Internet Map 2021

A collection of internet and telecom infrastructure maps.

# • <u>US National Broadband Map</u>

This national broadband map provides the most accurate, up-to-date map of availability and speeds in the U.S. It is also the first map that provides a national view of pricing down to the census block.

# • Pingdom Map

A live map of internet downtime and statistics.

#### • Internet Map

An interactive map of the World Wide Web.

# • Halcyon 2021 Map of the Internet

Inspired by design of historical maps, this project aims to concisely, but still comprehensively visualize the current state of the World Wide Web.

# **Cell Tower Maps**

#### OpenCellID

The world's largest open database of cell towers.

# • SCADACore US Cell Tower Map

Features over 25,000 locations with corresponding tower and radio information. This map is useful in planning and troubleshooting cellular networks.

# • <u>US Cellular Tower Locator</u>

View information on US cell towers. They also provide a cellular coverage map.

# Canadian Cellular Tower Map

Presents the locations of tower sites for each licensed Canadian wireless provider. Each site is indicated by a color coded icon.

# **Cellular Coverage Maps**

# • <u>CellMapper</u>

A crowd-sourced cellular tower and coverage mapping service for the USA. Maps actual coverage of cellular networks based on real life conditions and the coverage and signal strength of the network in areas that have been mapped.

# • Nperf Cellular Coverage Map

View the coverage area of different cellular operators from different countries.

### • Nperf Global 5G Coverage Map

A map that displays global 5G coverage.

#### • <u>CompareCellular</u>

A cellular coverage map for various Canadian cell carriers including Telus, Rogers, Bell, Freedom Mobile, SaskTel and VideoTron.

# • <u>UK Cellular Coverage Maps</u>

Maps for 3G, 4G and 5G cellular data network coverage in the United Kingdom.

# • MastData

Mobile telecom base station resources, tools and coverage maps for the UK.

# • GSMA Network Coverage Maps

Continuously updated GSMA network coverage maps. Simply select the country you are visiting and the operators in that country will be listed.

# **Satellite Phone Coverage Maps**

# • <u>SatPhoneCoverageMaps</u>

Coverage maps for various satellite phone providers such as Iridium, Inmarsat, GlobalStar, Thuraya and more.

# • <u>Canadian Satellite Phone Coverage</u>

Coverage maps for satellite phone providers for Canada.

# **Industry Maps**

#### MinDat

Maps, information and images regarding mineral mines in various different countries.

# • Global Gas Pipeline Map

Provides a detailed map and other information regarding gas pipelines currently in use all over the world.

# • EnergyWebAtlas

An interactive gas map that provides a comprehensive source of facility and project data. Allows users to access the latest project data including facility status and ownership details, detailed pipeline information, industry gas information and more.

#### OpenInfraMap

Map the world's electricity, telecom, oil, and gas infrastructure. Uses OSM data.

# • <u>UK Power Network Map</u>

Contains maps if the UK power grid, and also allows you to add many other layers.

# **Landmark Recognition**

# • <u>HeyWhatsThat</u>

A large collection of panoramic images from many different mountain summits all over the world.

# • Landmark Recognition

Upload a image of a natural landmark or architectural landmark and this will show you where it is located.

# PeakVisor

Find out the name, altitude and other information about a mountain.

#### • PeakFinder

Shows the names of all mountains and peaks with a 360° panorama display. This functions and worldwide. Contains more than 850,000 peaks.

#### • AlleBurgen Castle Map

An interactive map of castles, palaces and other fortified buildings across Europe.

#### BrueckenWeb

An awesome database of bridges from all over the world. Offers a search function as well. Click <u>here</u> for a German to English translation.

# • Bollards of the World

A great list of the different types bollards used around the world. Includes images as well. I converted this into a .pdf for offline use, available <a href="here">here</a>. Archived copy available <a href="here">here</a> (Wayback).

#### Sobory

An interactive map that displays the locations of Orthodox churches and temples from all over the world.

#### CCD School Map

An interactive map of schools, colleges and universities in the U.S.

# **Outdoor Activity Maps**

#### Strava Heatmap

A heat map from athletes all over the world. Shows places that are popular spots for physical activity. Data collected from Strava, map updated monthly.

# • RideWithGPS

Find bicyclists by name and/or location, view maps and other information about their bicycle routes.

# • BikeMap

The world's biggest bike route collection. Find cycling routes by country. Requires registration to upload your own data.

#### • RunMap

One of the largest collections of running routes on the web. Allows you to extract GPS data.

# • WanderMap

One of the largest collections of hike routes on the internet. Allows you to extract GPS data.

#### • OpenRouteService Map

An open-source route planner with plenty of features for car, heavy vehicles, hiking, cycling and wheelchair.

#### OpenCampingMap

Global map of camp grounds. Based on data from OpenStreetMap.

# • Map of Music Festivals

A map that shows the upcoming music festivals around the world.

#### Komoot

Route planner for hiking, cycling and running.

# • OpenCycleMap

A global cycling map for general overview and trip planning.

# **Other Mapping Resources**

# • World Map of OSINT Tools

An awesome collection of OSINT tools plotted and sorted on a map. Created by <a>@cyb\_detective</a>, be sure to give him a follow!

#### • GeoNames

Geographical database covers all countries and contains over 11 million place names that are available for download free of charge.

# • I Know Where Your Cat Lives

A data visualization experiment that locates a sample of one million public images of cats on a world map by the latitude and longitude coordinates that is embedded in the images EXIF data.

# • <u>ShadowCalculator</u>

Display building shadows on google maps for specified location and time. Calculate the azimuth and altitude of the sun.

#### • GigaPan

Provides hardware, software, and services to create and share high-resolution, interactive gigapixel panoramic images.

# • Speed Camera DB

A worldwide interactive map of speed cameras and speed traps.

# • Wheelmap

A global wheelchair accessibility map.

# • World Map of Social Networks

A map that details the most popular social networks per country. Also provides a wealth of statistics.

# • World Map of Alphabets

A great resource for identifying where in the world a specific written language or script is from.

# TravelTime

This site helps you calculate how far can someone go from a place in a specific time period. Search by any location in the world, means of transport, and time period.

#### McBroken

An interactive that tells you which McDonalds locations currently have broken ice cream machines. Probably one of the best uses of OSINT I have ever seen.

#### • McBrokenAustralia

A map that shows you if the McDonalds ice cream machines are working or not in Australia.

# • Geograph Worldwide

A concept and open source code for a online website to create a comprehensive collection of photographs capturing every part of given region.

# • <u>BatchGeo</u>

A great way to create Google Maps from spreadsheets.

# • NavBug

Traffic reports, construction, live news and road condition by location.

# • The True Size Of

A simple tool that lets you compare the relative size of countries.

#### • <u>NukeMap</u>

An rather *interesting* tool that lets you simulate explosions of nuclear weapons.

#### Mundraub

A global map of edible plants and fruits.

# • Tesla Supercharger Map

An interactive map that displays all of the Tesla Superchargers all over the world.

# • ToiletMap Australia

A data set and map of public toilets in Australia.

# • Toilet Map France

A dataset of public toilets for France.

# • UK Toilet Map

An interactive map of public toilets in the UK.

# • <u>TorontoToilets</u>

A map of public toilets for Toronto, ON, Canada.

# • Ottawa Public Washroom Map

A dataset of public toilets for Ottawa, ON, Canada.

# • Vancouver Public Washroom Map

Another dataset of public toilets for Vancouver, BC, Canada.

# • PeePlace

A great tool to help find a public toilet near a specific location.

# • <u>Flaggenlexikon</u>

Helps identify over 2,200 flags, including historical ones.

# • <u>FlagID</u>

A vexillologic database and tool to help identify flags.

# • PDF Map Maker

A free online tool that lets you create a PDF map of a specific area of interest.

# • OpenAddresses

A free, worldwide and open-source database of addresses.

# **Imagery Intelligence [IMINT]**

# **General Image Search**

PastVu

View old photos from 1826 to 2000 that have been geo-located and plotted on a map.

• FaceSaerch

Uses Google to search for images of faces from a specific keyword.

IconFinder

Search for icons used for various apps and websites via keywords.

# **Reverse Image Search**

# • PimEyes

A reverse image search engine that uses facial recognition to find pictures containing given faces. See where images that match a persons face appear online. Free search results are censored, to see uncensored results and view matching URLs requires a paid subscription.

• Yandex Reverse Image Search

Reverse image search with facial recognition and character recognition turned on.

• <u>Tineye</u>

A reverse image search engine. It was the first image search engine on the web to use image identification technology rather than keywords, metadata or watermarks.

• Google Images

Google reverse image search.

• KarmaDecay

A reverse image search tool for Reddit. Currently still in beta.

• ImgOps

An online image toolkit. Allows you to preform reverse image searches on many different platforms, metadata extraction, image editing and conversions.

• Pl@ntNet

A web application which allows you to identify plants simply by taking a picture of them with your phone. They also provide a free mobile application for <u>Android</u> and <u>iPhone</u>. Allows you to identify all kinds of plants including flowering plants, trees, grasses, conifers, ferns, vines, wild salads and cacti. Before you ask, yes, it works with weed plants.

• Reverse Image Search

Simply upload an image and find matching images and similar images using Google, Bing and Yandex.

• Image-Search

Allows you to find the most relevant pictures online. With this reverse image search tool, you can search pictures by uploading directly or by using a keyword or however you want.

• Berify

Reverse image search to help you find stolen images and videos. Search over 800 million images along with image data from all of the major image search engines. Requires an account and a paid subscription to view full results.

Pixsy

An online platform for creatives and image owners to discover where and how their images are being used online. Great for identifying copyrighted images and automating DMCA takedowns.

#### MySeldon News

Reverse search an image of a lesser known official, politician, local TV anchor, or whomever to find related information and articles. Searching for Russian companies also works if the image contains a valid OGRN number.

#### EveryPixel

A powerful search engine powered by AI that indexes 51 paid and free stock image websites and allows users to search through a massive database of stock photos in seconds.

# • Aliseeks Image Search

Search for items via images in both AliExpress and eBay.

#### • Same Energy

A visual search engine. You can use it to find art, photography, decoration ideas, or virtually anything else.

# • Openi Medical Image Search

Reverse image search tool for scientific and medical images as well as x-ray scans.

#### Search by Image

Search for any products by using an image. Helps you find deals.

# • Sogou Image Search

A Chinese reverse image search tool. Works quite well.

#### Portrait Matcher

Upload an image of a face and receive three paintings that have a semi-similar face.

#### Qihoo360

A Chinese reverse image search tool. Also works pretty well.

# • Lykdat

Search for clothing via reverse image search.

#### IQDB

A reverse image search tool designed for anime and manga art.

# ASCII2D

Japanese reverse image search engine for identifying anime.

#### • BBC News Search

BBC news search, Enter the name or an image of an item and the service will show in which news stories and at what time interval it appeared.

# • Geoestimation

Upload an image and this AI powered tool will "guesstimate" the location where that image was taken.

# • Brand Recognition

Upload an logo and this tool will display which company it belongs to.

#### • <u>Plant Identification</u>

Upload an image of a plant and this tool will figure out what plant it is.

### • Animal Identification

Upload an image of an animal and this tool will tell you what animal it is.

# • <u>DepositPhotos</u>

Reverse image search through their dataset, which contains over 200 million images.

# **Image Generation**

#### • This Person Does Not Exist

Uses generative adversarial networks (GAN) to generate an image of a person that does not exist. Good for sock puppet accounts.

# • This X Does Not Exist

A directory of websites that use generative adversarial networks (GAN) to generate images of a wide variety of things.

#### • FaceMaker

Based on the average European face can to design a virtual character in real time. You decide on the facial parameters of an avatar. Save, render, and share the generated 3D models. Application is based on WebGL.

• Face Generator

A unique face generator tool. Allows you to set parameters and create an image of a unique person in real-time. Great for sock-puppet accounts.

• Rudalle

Enter a text query and this neural network will generate a picture based on the input.

HOTDRV Facegen

Generates faces using artificial intelligence. Essentially a Russian version of thispersondoesnotexist, very handy.

# **Image Enhancement**

• MyHeritage Photo Enhancer

Enhance photos automatically with "the world's best" deep learning technology. Works best with old and/or historical images.

• LetsEnhance

A great tool that uses AI to increase image resolution without loss of quality. Requires a paid subscription for best results.

• <u>ImageEnlarger</u>

Allows you to upscale small images without losing quality or introducing distortion (also known as "artifacts").

• AutoStitch

A handy tool that allows you to easily stitch together multiple photos into one.

Colorize Photo

Upload a black and white image and this tool will colorize it for you.

# **Image Editing and Manipulation**

• <u>FotoF</u>lexer

A free online image editing tool.

29a Image Manipulation Tool

A great online toolkit for analyzing and manipulating images.

• <u>DiffChecker</u>

A tool to check the differences between two images.

• Remove Image Background

A simple free tool that allows you to remove the background of an image

• Image Color Picker

A free online tool to identify hex color codes from an image.

• BlockLayer

Find and set scales from an image. This site also provides loads of other great tools for many different things.

AddText

Basic online tool to add text to images. Great for making memes.

# **Image Metadata and Forensics**

• Jeffrey's Image Metadata Viewer

Simply upload an image to view its metadata.

• EXIF App

Upload two images and view a table of their metadata. The differences will be highlighted in yellow.

• Metapicz

A simple online image metadata viewer.

# • Reveal Image Verification Assistant

Features a multitude of images tampering detection algorithms as well as metadata analysis, geolocation, thumbnail extraction and integration with Google reverse image search.

# • ImageEdited?

A tool that helps detect if an uploaded image has been edited or "shopped" (That means "photoshopped").

# • ImageForensics

Upload an image and see its EXIF, IPTC and XML metadata. Also provides an error level analysis (ELA) tool.

#### Pic2Map

An online EXIF data viewer with GPS support which allows you to locate and view photos on a map.

#### ForensicDots

A web application that detects printer machine identification codes (MICs). Also known as the infamous <u>"yellow dots"</u> or "tracking dots".

# • Online Protractor

A simple tool to measure angles within an image.

# **Orbital Intelligence [ORBINT]**

# **General Orbital Intelligence**

# • Space-Track

Promotes space flight safety, protection of the space environment and the peaceful use of space worldwide by sharing space situational awareness services and information with U.S. and international satellite owners/operators, academia and other entities. Requires account.

#### N2YO

Select any satellite orbiting the Earth and check where is located in real-time. Check satellite passes over your location and receive alerts on your phone.

#### Heavens-Above

Provides satellite predictions and other astronomical data customized for your location.

#### SatFlare

Track in real time all the satellites orbiting the Earth, with both 2D and 3D interactive representations, predict their passes, view their trajectory among stars on an interactive sky chart, predict satellite flares and transits (across the Sun and the Moon). You can also follow satellite re-entries and other special events.

#### • In The Sky

Provides astronomy news, interactive guides to the night sky, satellite information and tracking.

#### • AMSAT-UK

This is a great collection of information regarding amateur cube satellites.

#### • List of Mission Patches

A great resource that displays images and information for *most* mission patches from the early days of space exploration to present day missions. Appears to be missing some more recent patches like the <u>Inspiration 4</u> patch and a few others.

# • [PDF] NASA ISS Reference Guide

A document provided by NASA in November 2010 that acts as a reference guide and provides details of the construction and layout of the International Space Station. Archived copies can be found <a href="https://example.com/here/wayback">here (Wayback)</a> and <a href="https://example.com/here/wayback">here (Library Genesis)</a>.

# • <u>Stellarium</u>

A virtual online planetarium. Pretty neat.

Moon Trek

Exploration portal for the moon, provided by NASA.

• Mars Trek

Exploration portal for Mars, provided by NASA.

• 3D Solar System Simulator

Orbits of planets and more than 150 comets and asteroids.

• Solar System Scope

Solar system, night sky and outer space in real time.

• 100,000 Stars

An interactive visualization of the stellar neighborhood.

InTheSky

An interactive 3D map of the universe.

• MoonCalc

Shows the motion of the Moon and Moon phase for a particular day at a particular location.

# **Visualization**

• LeoLabs Low Earth Orbit Visualization

A visualization of satellites, debris, and other objects tracked by LeoLabs in low earth orbit.

Stuff In Space

Stuff in Space is a real-time 3D map of objects in Earth orbit, visualized using WebGL. Daily updates with orbit data from Space-Track.org and uses the excellent satellite.js JavaScript library to calculate satellite positions.

• ESRI Satellite Map

This satellite map shows current position and trajectory of over 19300 satellites orbiting the Earth. View satellites by country, type, size, launch date, ect.

• Live Starlink Satellite Map

Live view of the SpaceX Starlink and OneWeb satellite constellations.

• Find A Starlink

Calculate when you can see the SpaceX Starlink satellites above your location.

• ISS Tracker

Track the current location of the International Space Station (ISS) in real-time.

# Business Research and Trade Intelligence [TRADINT]

# **General Business Search**

• OpenCorporates

Claims to be the largest open database of companies and corporations in the world.

• <u>aiHit Company Database</u>

A great tool that allows you to search over 15 million companies. Provides a large amount of information per company.

• Craft

Search for a company and receive a wealth of information, analytics, financials, and locations.

• LEI Search

Search for a legal entity identifier (LEI) and find other associated companies.

• OpenLEIs

A free, open and searchable database of Legal Entity Identifier (LEI) information.

#### • Effect International

Find business information for corporate risk, B2B marketing and sales. Explore data on over 170 million companies across 200 different countries. Requires a paid subscription.

# • BizDirLib

A large business directory sorted by country.

#### • BizEurope

A directory of European businesses, sorted by category.

#### • Panjiva

Provides supply chain intelligence for global trade companies. Requires a paid subscription.

#### • OpenSanctions

Provides open-source sanctions data on persons and companies of interest.

#### • <u>TradeMap</u>

Provides indicators on export performance, international demand, alternative markets and competitive markets, as well as a directory of importing and exporting companies in the form of tables, graphs and maps.

#### TendersInfo

Search tenders around the world via keywords. Requires registration. If you do not want to register to see the full data, then just copy the names of found tenders and search it on Google.

# **Patents and Trademarks**

# • Google Patents

Search Google for patents, documents and other related patent information.

# • <u>US Patent and Trademark Search</u>

Search for a U.S. companies registered patents, trademarks and other copyright information.

#### • Espacenet Worldwide

A massive database that offers over 130 million patent documents for free.

# • WIPO Global Brand Database

Gateway to more than 46 million trademark records from 71 different national and international collections.

# **Business Registries**

# **Worldwide Registries**

# • EBRA Worldwide Registers

A large directory of business registries from all over the world.

# • Around The World Company Registration

Similar directory of worldwide company registries, they also offer many other great company research tools. Click <u>here</u> for a German to English translation.

# • OpenOwnership

A company search tool that provides a wealth of data. Search by company name, beneficial owner. They also offer their data sets for download.

# **Country and Region Specific Registries**

# **Africa**

#### South Africa

Companies and Intellectual Property Commission

Search for South African companies and intellectual property records. Requires registration.

# **Europe**

#### • North Data

Provides easily understandable company information that is publicly available for European companies. Obtained from sources such as trade registers, yearly reports, funding registers, trademark registers, patent registers and others.

#### Societe Ninja

Free public information about companies located in France.

#### • Infoveriti

The largest supplier of business information in Poland. It has an updated database of companies, associations and debtors. Full access requires a paid subscription.

#### **North America**

#### Canada

# o Canada Business Registries Search

Search through the official registries of Alberta, British Columbia, Manitoba, Ontario, Quebec, Saskatchewan, and Corporations Canada. This service lets you search across these registries at one time. Information from these registries may be updated on a daily or monthly basis.

# **Shipping and International Trade**

#### • ImportYeti

Search over 70 Million U.S. Customs sea shipment records. Displays plenty of import information, analytics and company information.

#### • Tradint.io

Using TRADINT intelligence, they have gathered the best resources, and created tools to make locating trade information simple.

# • <u>52WMB</u>

International trade data service platform that provides customs data, a buyer and supplier directory, B/L, industry reports, and more. Requires registration.

# **Financial Intelligence [FININT]**

# **General FININT**

# OCCRP Aleph

An investigative data platform that helps reporters follow the money. They provide public access to a vast archive of government records and open databases. OCCRP also grants access to journalists and activists on a case by case basis.

#### • Candid 990 Form Search

A database of individual 990 forms of private foundations, public charities, and other non-profits.

#### Open990

Similar to the above, allows you to find 990 forms for non-profit organizations.

#### • <u>US OpenPaymentsData</u>

This site will provide a breakdown of payments from pharmaceutical companies and/or medical device companies.

#### OpenPayrolls

Search through millions of public employee salary records by name.

# • France Transparency

Similar to the above tool, except for France. Provides payments received from pharmaceutical companies and/or medical device companies.

# **Cryptocurrency and Blockchain**

# **General Analysis**

# • Blockchain Explorer

Contains information about Bitcoin (BTC), Bitcoin Cash (BCH) and Ethereum (ETH) including historical prices, most recently mined blocks, the mempool size of unconfirmed transactions, and data for the latest transactions.

# Blockchair

Universal blockchain explorer and search engine BTC, ETH, XRP, XLM, BCH, LTC, DASH, BSV, DOGE, GRS and much more that allow you to find, sort and filter transactions and addresses.

# • CryptoHound

A tool for blockchain analysis and BTC or ETH address lookup. Track address activity, transaction history, address relations, and other metrics.

#### BlockCypher

Blockchain explorer for Bitcoin, Ethereum, Litecoin, DogeCoin and Dash. Provides information about address, transactions, block hashes, block numbers and/or wallet names.

#### Breadcrumbs

An open blockchain analytics platform that allows you to trace and monitor cryptocurrency transactions.

#### CryptoLogos

Locate a certain cryptocurrency by its logo.

#### CoinWink Alerts

Receive email notifications when a specific cryptocurrency rises or drops below a certain value.

# • Crypto Currency Alerting

Another tool to receive alerts whenever a coin reaches a specific value.

# **Bitcoin [BTC] Specific**

# • Bitcoin Block Explorer

An online blockchain browser which displays the contents of individual Bitcoin blocks and transactions and the transaction histories and balances of BTC addresses.

# • <u>Blockstream Explorer</u>

An open source block explorer providing detailed blockchain data across Bitcoin, Testnet, and Liquid.

# • <u>BitcoinWhosWho</u>

Provides plenty of useful tools for the Bitcoin network. Allows you to explore the blockchain, check if a BTC address has been reported as a scam, discover owners of BTC addresses, setup transaction alerts to notify you when a target BTC address has activity on the blockchain and more.

# WalletExplorer

Preforms address clustering. Find out if addresses belong to the same user, or in rare cases, identify what mixer was used.

# • BitRef

A simple tool to display a Bitcoin addresses current balance.

#### • BitcoinAbuse

Tracking bitcoin addresses used by ransomware, blackmailers, fraudsters, etc.

• <u>LearnMeABitcoin</u>

Locate transactions between two Bitcoin addresses.

# **Ethereum [ETH] Specific**

• Etherscan

View data regarding any pending or confirmed Ethereum blockchain transactions.

# Monero [XMR] Specific

Monero Blocks

Monero blockchain explorer. Search by block height, block hash, transaction hash or payment ID.

XMRChain

Allows you to explore Monero data.

# **Dogecoin [DOGE] Specific**

DogeChain

The official Dogecoin blockchain explorer. View wallet balances and transactions on the DOGE blockchain.

# **Investments and Stocks**

BrokerChecker

A free tool from FINRA that can help you research the professional backgrounds of brokers and brokerage firms, as well as investment adviser firms and advisers.

• FINRA Disciplinary Action Search

Conduct a search for FINRA disciplinary actions that were issued 2005 or later, and are eligible for publication pursuant to <u>FINRA Rule 8313</u> (<u>Wayback</u>), (<u>archive.today</u>). Results will also include opinions issued by the SEC and federal appellate courts that relate to FINRA disciplinary actions that have been appealed.

• Financial Secrecy Index

Ranks jurisdictions according to their secrecy and the scale of their offshore financial activities. A politically neutral ranking, it is a tool for understanding global financial secrecy, tax havens or secrecy jurisdictions, and illicit financial flows or capital flight.

• Enigma

Offers tools for small businesses operating in the United States such as real-time revenue insights, risk assessments, merchant transactions, marketing tools and a small business directory. Requires a paid subscription.

# **Banking**

Wikipedia - Lists of Banks (WikiLess)

A worldwide directory of banks and financial institutions from Wikipedia.

SWIFT Code Lookup

Provides access to the basic BIC Information.

• SWIFT Message Standards

Provides a listing of standards for the SWIFT financial network.

• FDIC BankFind

Locate current and former FDIC insured banking institutions by name, FDIC certificate number, website or location. It also allows you to follow the history and financial trends of an individual institution, group of institutions, or the industry as a whole.

• ABA Routing Number Lookup

Allows for single lookups of financial institution routing numbers. Users of this service are allowed no more than two lookups per day and are limited to ten lookups per month.

• Country AML Reports

A large directory of anti-money laundering (AML) reports. Organized by country.

IBAN Checker

Check the validity of an international bank account number (IBAN) and see the information about the associated bank.

# **BINs and Card Information**

• Credit Card Checker

Here you can validate, verify and check a credit card or debit card number.

• BIN List

BIN list is a public web service for looking up credit and debit card metadata. They also provide a free API.

# **Physical Currency**

• Wikipedia - List of Circulating Currencies (WikiLess)

A Wikipedia page that lists all physical currency that is currently in worldwide circulation. Organized by country.

• World Currency Codes and Symbols

A list of currencies, currency codes and symbols that are used by each country in the world.

# <u>Vehicle and Transportation Intelligence</u> [<u>VATINT</u>]

# **Road Vehicles**

# **Vehicle Recognition**

• <u>CarNetAl</u>

An amazing tool that allows you to simply upload an image of a vehicle, and its AI will identify the make, model and year of that vehicle. Claims to have a 97% accuracy.

• Car Identification

Guide to learning and recognizing specific cars.

Vehicle Recognition

This car recognition system can accurately identify vehicle information based on an uploaded image of a car. Including brand, model, year and color.

# **Vehicle Identification Numbers [VIN]**

VINDecoderz

A universal VIN decoder.

VIN Decoder

Useful VIN search for finding more information regarding the vehicle.

• VIN Decoding Explained

Guide on how to lookup and decode a VIN number.

• FaxVIN

Search via VIN number and get vehicle information, specifications, title information and more. For best results, a paid subscription is required.

# **License Plates**

# • World License Plates

A catalog of license plates from around the world. Organized by country, province and state. Includes a wealth of information regarding license plates.

#### PlatesMania

A large collection of license plate images from around the world.

# • <u>LicensePlateMania</u>

Another large collection of license plate pictures from across the world created by Jeroen Coninx.

#### €uroplates

Collection of license plate pictures from EU countries and a few other near by countries.

# • How's My Driving NYC

Allows you to search for traffic and parking violations via license plate number in New York City.

# • <u>Deciphering Number Plates</u>

Contains a few great guides on how to decipher license plates from various different countries.

# • [IMAGE] Map of License Plates in Europe

A simple map that shows examples of the different plates for each country in Europe. Archived copies available <a href="here">here</a> (Wayback) and <a href="here">here</a> (archive.today).

# • Partial Number Plate Search UK

Need to find a UK registration plate but don't know all of the characters? Give this tool a try.

# • <u>UK Number Plate Search</u>

A number plate search tool offered by the UK government.

#### Number Plate Check

Another tool where you can check the number plate for any registered plate number in the UK.

#### VehicleHistory

Search via U.S. plate number and get vehicle history and other details.

# • FaxVIN

Lookup a U.S. license plate.

#### • <u>SearchQuarry</u>

Another U.S. license plate search tool. Requires a paid subscription for best results.

### • FindByPlate

Search for a U.S. license plate and receive details about the vehicle.

# • AutoCheck License Plate Search

A U.S. license plate search tool.

# Marine

# **Vessel Tracking**

#### • MarineTraffic

Discover information and vessel positions for vessels around the world.

#### • FleetMon

Maritime traffic on a live map. Past, current and future ship positions for almost every vessel in the world. Plus port information and APIs.

#### • ShipAIS UK

Live information about vessels in and around the British coastline.

#### VesselFinder

A free AIS vessel tracking web site. VesselFinder displays real time ship positions and marine

traffic detected by global AIS network.

#### • ShipFinder

Another website to track any ship's live location by simply searching the ship's name. This website shows complete details about the ship like latitude and longitude, destination port, speed, and estimated time to reach their destination.

#### BoatNerd

This application shows the vessel name, when we click on the vessel name on the map it shows details like screen location, ship type, position, destination, estimated time (ETA), speed, dimensions, and status.

# • Live Cruise Ship Tracker

Simple tool for tracking cruise ships.

# • OpenSeaMap

A website to add tourism information for sailors, this application build in the year 2009. Around 1 million people worldwide collected and stored in the database.

#### • <u>ShippingExplorer</u>

An open-source website to track any vessel in real-time. Allows you to view different ships, ports, location with photos. You can also view the port names with country name and the number of ships available.

#### • Submarine Tracker

Track submarine vessels in near real-time.

# • Maritime Awareness Project

A detailed map of maritime borders and economic zones with statistical data on ports and more.

# • IMB Piracy and Armed Robbery Map

This site lists all the piracy and armed robbery incidents reported to the IMB Piracy Reporting Centre since 2011.

# • Fleet Tracker News

This is a great site that shows you positions of U.S. Navy carriers around the world.

# **Vessel and Crew Information**

# • Maritime-Connector

This site allows you to facilitate a connection between ship crew and shipping jobs. Very useful.

# • MyShip

A social networking site for seafarers and crewing companies. Find information on crew members, view job listings and more.

# • Crew List Index Project

A searchable database of mostly historical details of ships and crews.

# • The Shipping Database

An extremely comprehensive archive of the world's ships. Even has data that dates back to 1820.

# • eShips World Shipping Register

Searchable database for the World Shipping Register.

# • <u>VesselTracker</u>

Registered members get to search a database and see many useful ownership & location details about various commercial vessels.

# • <u>UK Ship Register</u>

UK ship register for merchant ship and bareboat charter.

#### • HIN Identification Guide

HIN Validation tool and guide for identifying information from the given HIN (Hull Identification Number).

• ShipSpotting

A ship image archive, searchable by vessel name, IMO or MMSI.

BoatInfoWorld

Search, view, and download information on over 416,000 vessels.

Equasis

Provides safety related information on ships and companies. Requires registration.

• Superyachts Top 100 Largest Yachts

A searchable database of the top 100 largest privately owned yachts.

• <u>The Superyacht Directory</u>

The world's largest database of private luxury yachts, with over 12,000 mega yachts listed. It's the most authoritative place to find everything you need to know about superyachts. Including new builds, historic vessels and the most famous boats of all time.

SailboatData

A searchable database that contains information on over 8400 production and semiproduction sailboats dating back to 1900.

• [PDF] Anatomy of a Ship

A document that details the different parts of a vessel. Archived copies can be found <a href="here">here</a> (Wayback) and <a href="here">here</a> (archive.today).

# **Container Tracking and Information**

• Track-Trace

A free service that allows you track shipping containers for 143 different companies.

• Container-Tracking

Allows you to track containers by their prefix code.

• ShippingLine

A similar tool to assist you in tracking shipping containers worldwide.

Maersk Tracking

Searchable container tracking database.

• ShipmentLink

Another searchable container tracking database.

• SeaRates Container Tracking

Another searchable container tracking database.

• ShipIt Container Tracking

Yet another searchable container tracking database.

• <u>Utopiax Container Tracking</u>

A collection of links for tracking ocean cargo.

• International Maritime Organization (IMO)

A searchable database of public cargo. Requires registration.

• Shipping Container Info

A searchable database that provides various information regarding cargo containers such as dimensions, owner information, suppliers, manufacturers, tracking, specifications and more.

• Prefixlist ISO Codes

A database of codes for the ISO Alpha codes for containers.

• Prefixlist Digit Codes

A searchable database of container digit codes.

• BIC-Code

A searchable database of the international identification codes of container owners, called BIC codes or ISO alpha codes.

Sea Ports Catalog

A catalog of sea ports from all over the globe.

# • LogisticsGlossary

Want to know the meaning of a logistic term? Here you will find hundreds of terms from the world of transport and logistics clearly explained.

# **Aircraft**

# **Aircraft Tracking**

# • FlightRadar24

A global flight tracking service that provides you with real-time information about thousands of aircraft around the world.

#### PlaneFinder

Provides virtually real time air traffic control information on planes in various countries across the globe.

# • <u>FlightAware</u>

Providing advanced, accurate, actionable data and insights that inform every aviation decision. Search by flight number or route.

#### FlightStats

Track real-time flight status, departures and arrivals, airport delays, and airport information.

# • <u>PlaneFlightTracker</u>

Displays live air traffic tracking maps, airport arrivals and departures, airline fleet monitoring in real-time, history data and flights replay for the last 7 days.

#### ADS-B Exchange

Live flight tracking, searchable by registration details.

#### AirNav RadarBox

A tracking portal for real-time tracking updates. Flight position data is relayed by over 12 different data aggregating sources, including ADS-B, FAA SWIM, MLAT, ADS-C and Oceanic Reports, to give second-by-second position updates along an aircraft's journey.

# • GliderTracker

Live European glider and other flight tracking data.

# • Freedar UK

A live flight tracking map that includes many military aircraft.

#### • <u>DictatorAlert</u>

A project that tracks the aircrafts of authoritarian regimes all over the world.

# **Aircraft Information**

#### • <u>PlaneSpotters</u>

Civil aviation database with 1 million photos and information on ~45000 aircraft.

#### • Airframes Aircraft Database

An unofficial, searchable, international aircraft registration database.

#### Rziets

A crowd-sourced online database of civilian jet and turbojet aircraft.

# • Airliner Spotter

Useful visual guide for identifying various airliners.

# • Aircraft Recognition Guide

Useful guide for determining specific aircraft based on its features.

#### JetPhotos

A useful international database including complete ownership history of jet liners and other aircraft.

#### • Aviation Safety Network

A database of details for all airliner accidents and safety issues.

#### • Australian Aircraft Register

Searchable database of the Australian Civil Aviation Safety Authority (CASA) aircraft register.

#### • Canadian Civil Aircraft Register

CCAR lets you search for aircraft registrations by mark, common name, model name, serial number and owner name.

# • UK Aircraft Register (G-INFO)

Searchable database of UK aircraft registered with the Civil Aviation Authority (CAA).

#### Flying In Ireland

Searchable database of various aircraft registered in Ireland.

#### Live ATC

Provides live air traffic control (ATC) broadcasts from air traffic control towers and radar facilities around the world.

# • Parts of an Airplane

A visual reference detailing the different parts of an aircraft.

# **Airport Information**

#### • OurAirports

A map and database of airport information from around the world. Provides plenty of useful information and links, they also provide free downloadable datasets in various file formats that is updated daily.

# • World Airport Codes

A searchable database of over 47,000 airports. Provides airport codes, abbreviations, runway lengths, NOTAMs, frequency data and other information.

# • Airports-Worldwide

Find information for flights such as arrivals, departures, delays, cancellations, hotel reservation, weather and airport access. Schedule updated in real time.

# • <u>SkyVector</u>

Provides navigation details for airports, aeronautical charts and other information such as fuel prices.

# • <u>AirportData</u>

A database of worldwide airports, searchable by name. Requires registration.

# • World Airport Guides

A large database of various airport information including terminal maps, departures, security information and much more.

# • ICAO Global Airport Runways Map

A great interactive and high resolution map of most of the airports and landing strips on Earth.

#### • <u>AirNav</u>

Searchable database of airport information. Countries available are limited.

#### UK Airfields

A database of airfields, not airports in the UK and elsewhere, searchable via map.

#### AirportWebcams

Directory of webcams from various airports and runways from around the world.

### • List of German Airfields

Great airfield database for Germany. Includes smaller training, private and military airfields. Click <a href="here">here</a> for a German to English translation.

# Other Information

• FAA Airmen Registry

A searchable database of the U.S. Department of Transportation and the Federal Aviation Administration for airmen and pilots.

• <u>Utopiax Air Cargo Tracking</u>

Details for tracking air cargo from various airlines.

• WorldAviation Accident Database 2008-Current Year

A searchable database of the most recent aircraft accidents from all over the world.

• World Aviation Accident Database 1962-2007

A searchable database of historical aircraft accidents from all over the world.

• NOTAM Map

A free tool that allows you to search for NOTAMs.

# **Railways**

# **Railway Maps and Tracking**

• OpenRailwayMap

An OpenStreetMap based project for creating a map of the world's railway infrastructure.

• <u>US Surface Transportation Board Railroad Map Depot</u>

An independent US federal agency that provides access to a national rail network map as well as localized maps that allow for layering and saving your own images.

• US FRA Safety Map

The Federal Railroad Administration provides an interactive map that shows class I, passenger, commuter and Amtrak railroads with multiple map layers that show freight station, grade crossing and mileposts.

• Track A Train

Provides detailed GPS information for Amtrak trains in the US. Information includes arrival and departure times, current speeds. Searchable by train name, number or station.

Yandex Transportation Maps

A live map of trains, aircraft and buses for Russia, Belarus, Ukraine, Kazakhstan and Abkhazia.

• ACWR Interactive Railroad Maps

This website provides nine different interactive railroad maps for the US and Canada. Also provides information regarding fleets, interchanges, maintenance equipment and buildings.

• Amtrak Status Map Archive

A searchable database of historical train schedules for stations for a particular day. Data dates back to 2008.

• TRAVIC

Transit visualization client allows you to see real-time movements of trains, trams, subways, busses, ferries and more from major cities across the globe.

• Raildar France

Information regarding trains operating in France.

• Spoorkaart Netherlands

Contains information regarding trains operating in the Netherlands.

• PortalPasazera Poland

Contains information regarding trains operating in Poland.

• Railfan Atlas

A collection of train images that is plotted on an interactive map.

• <u>US FRA Trespasser Casualty Map</u>

View information about specific incidents and deaths that happened on US railways dating

# **Railway Video**

RailWebcams

Live video feeds of railway, metro and tram from around the world.

• RailCam UK

Offers daily video feeds of railways within the UK.

RailServe

Contains over 400 live video feeds of worldwide railways.

# Other Information

• European Train Station Floorplans

A database of floorplans for train stations across Europe.

TrainOrders

A forum and media sharing platform for train enthusiasts that includes a wealth of information and images for US, Canadian, European and many other nations.

• BTS Statistics

Provides information and statistics for transportation in specific US states.

GoRail

Provides data on the impact of the freight rail industry in the US.

• Length of Railway Networks

Provides the total length of railway networks from many different countries of the world.

# **Public Transit**

# **General Public Transit**

• <u>Travic</u>

Transit routes and timetables for trains and busses operating in North America, South America, Europe, Asia and Oceania.

• MetroLogos

This website shows you all of the different metro system logos from around the world.

• Mapnificent

Shows you areas you can reach with public transport in a given time.

• TransitLand

An open data platform that collects <u>General Transit Feed Specification (GTFS)</u> (<u>WikiLess</u>), GTFS Realtime, and other open data feeds from over 2,500 transit providers in over 55 countries. Also offers a free API.

# **Europe**

• Live London Bus Map

View and track busses operating in London, UK in real-time.

• EssexBus

View bus routes and timetables for Essex, UK.

Riga Public Transport

View routes and timetables for all public transportation systems operating in Riga, Latvia.

Foli Busses

View bus routes and timetables for Turku, Finland.

• Tallin Transit

View and track public transportation systems operating in Tallin, Estonia in real-time.

#### • Fahrinfo

View routes and timetables for all public transportation systems operating in Berlin, Germany.

# Ovzoeker

View routes and timetables for all public transportation systems operating in the Netherlands.

#### EasyWay

View routes and timetables for all public transportation systems operating in Ukraine.

#### STBSA

View routes and timetables for all public transportation systems operating in Bucharest, Romania.

#### • Tromsreise

View routes and timetables for all public transportation systems operating in Tromse, Norway.

# **North America**

#### • LADOT Transit Map

View bus routes and timetables for Los Angeles, California USA.

#### • UCSD Bus

View bus routes and timetables for San Diego, California USA.

#### SeatBusLive

View bus routes and timetables for Connecticut, USA.

# • TrackIt MyStop

View bus routes and timetables for Antelope Valley, California USA.

#### • GrandRiverTransit

A map that shows the real-time position of GRT buses and ION trains in the Waterloo region, Canada.

# Other Areas

# • AnyTrip AU

View and track public transit operating in Australia and New Zealand in real-time.

# • BusGO

View routes and timetables for all public transportation systems operating in Seoul, South Korea

# **Digital Network Intelligence [DNINT]**

# **WHOIS**

# • WhoisFreaks

An API which allows you to search for WHOIS records by company name, owner name or keyword. Currently has over 430 million records dating as far back as 1986. Requires registration.

#### Whoisology

Search for WHOIS records and other data via domain name, email address or keyword. For enhanced results, a paid subscription is required.

# • <u>DomainBigData</u>

Find the registrant and other domains owned by the same person with their reverse WHOIS. Find domain history, domains on same IP, network owner and more.

#### GoFindWHOIS

A great online tool for locating information about a website or IP address. Offers WHOIS lookups, DNS records, IP tools, and other website enumeration tools. Created by <a href="mailto:one-botcomp">one-botcomp</a>, so be sure to follow them for updates.

#### Marcaria

Search WHOIS information in over 2,000 extensions including international ccTLDs and gTLDs.

# • IQ WHOIS

A great WHOIS search tool that offers downloadable databases, historical WHOIS records and more.

# **Internet Protocol Addresses [IP]**

#### IKnowWhatYouDownload

Search an IPv4 or IPv6 address and view the most recent torrents that have been downloaded or that the user is currently seeding.

#### AbuseIPDB

A database of abuse reports. Search an IP address and see if it has been included in any abuse reports, malicious activity reports, and spam campaigns.

# • Hurricane Electric BGP Toolkit

Contains loads of great networking tools.

# BGPView

A BGP toolkit and ASN routing lookup tool that allows you to debug and investigate information about IP addresses, ASN, IXs, BGP, ISPs, prefixes and domain names.

# • InfoSniper

Provides detailed IP geo-location information.

#### • IP Hub

An IP lookup tool featuring proxy and VPN detection. A free API is also available. Requires a paid subscription for best results.

#### • IP Quality Score

A collection of fraud detection tools including proxy and VPN detection, bot detection, email validation, and lots of other tools. Offers many free tools. Requires a paid subscription to be able to use everything.

# • IP Teoh

Simple tool that provides basic information about an IP address. Geo-location, ISP, and proxy/VPN/TOR node detection.

# • <u>CentralOps</u>

A great collection of various networking tools. Ping, traceroute, WHOIS, nslookup, domain dossier and so on.

# • IP-Neighbors

Find neighboring websites, hostnames, and domains. Get an idea who runs a host, the hosting density, and neighboring hosts

# • NetworksDB

Contains information about the public IPv4 and IPv6 addresses, networks and domains owned by companies and organizations across the world along with city-level IP geolocation data and autonomous system information. Also offers a free API.

# • PeeringDB

A user-maintained database of networks. Provides a wealth of interconnection data.

#### • Robtex

Gathers public information about IP numbers, domain names, host names, autonomous systems, routes, etc. It then indexes the data in a big database and provides free access to the data.

# **Domain Name System [DNS] Records**

#### • PTArchive

Search for historical reverse DNS records. Currently has over 230 billion records retrieved from 2008 to now.

#### PassiveDNS

Search for DNS records via domain name.

#### IntoDNS

Checks the health and configuration of DNS and mail servers.

# • ViewDNS Info

Allows users to gather a large amount of data about a given website or IP address.

# • **DNSlytics**

Offers loads of great tools such as DNS, MX, WHOIS and SPF lookups along with multiple reverse search tools.

#### • <u>dnstwister</u>

The anti-phishing domain name search engine and DNS monitoring service, Search a domain name and this tool will show you related domain names that could potentially be used for phishing campaigns.

# • DMNS

Domains App makes it easy to see domains availability across extensions and notifies you about any WHOIS or DNS changes.

# **Website Analysis**

# **Enumeration**

# Wappalyzer

Discover what software versions are running on any website.

# • BuiltWith

Find out what technology a website is running.

#### w3techs

See which technologies a website is running, such as CMS, programming language, web server and hosting provider.

# • <u>HackerTarget</u>

Find virtual hosts, server info and IP address reputation of a server or IP address. Gather IP address intelligence including hosting provider, ASN, netblock and IP geolocation.

# • NetCraft Site Report

Find out the infrastructure and technologies used by any site.

# • <u>Hexometer</u>

Check out the technologies that are being used on any website.

# • <u>LargerIO</u>

Uncovers the technologies used on websites.

# • <u>CMLabs</u>

List the websites that use a particular technology, with email addresses and phone numbers. Use this to find new leads, market analysis and competitor research.

# AnalyzeID

Helps locate websites that have the same owner. Checks for matching email, Facebook app ID and nameservers. Search by URL.

#### • <u>Pulsedive</u>

Enter a URL and receive information such as threat intelligence reports, port scans, IP details, additional URLs, subdomains and other IOCs.

#### • MMHDAN

Calculate a fingerprint of a website. Things like HTML, Favicon, Certificates in SHA1, SHA256, MD5 and MMH3. Lets you create links to quickly search in various IoT search engines.

# • Snyk Vulnerability Scanner

Preforms a basic passive vulnerability scan on a website. Detects outdated technologies, insecure HTTP headers, XSS and more.

#### CookieServe

Enter the URL of a website and find out what cookies are being used and understand their purpose.

# • Reverse Google AdSense

Locate domains with the same Google AdSense ID.

# • Lookyloo Web Forensics Tool

Captures websites and let you analyze and investigate them.

#### • The Favicon Finder

A free online service to finding icons on websites. Just enter in a target URL.

# • SOCRadar Deep Web Report

Search a domain and get a simple report of the companies exposure. Requires a paid subscription to view full reports.

# **Web Page Monitoring**

# • FollowthatPage

A change detection and notification service that sends you an email when your favorite web pages have changed.

# • WatchThatPage

A service that enables you to automatically collect new information from any web page. Select which pages to monitor, and this will find which pages have changed, and collect all the new content for you.

# • VisualPing

Enter a URL that you would like to monitor, then enter an email address and this will send you emails everytime that page changes.

# • Carbon Dating The Web

Predict the birthday of any web page.

# **URL Redirects and Backlinks**

#### RedirectDetective

A free URL redirection checker that allows you to see the complete path a redirected URL goes through.

# • WhereGoes

Allows you to do a full trace of URL redirects.

#### • SpyOffers

A tool for tracking and recording the redirection paths of a URL.

# • SEO Spyglass Backlink Checker

Allows you to find out how many sites are linking to a certain web page. Requires registration to view full results.

# • Backlinks Analyzer

See how many sites link to a web page.

# • SpyFu

Displays website information and metrics, SEO analytics, backlinks and more by searching a URL.

#### CheckShortURL

Easily expand URLs from most URL shortening services such as t.co, goo.gl, bit.ly, amzn.to, tinyurl.com, ow.ly, youtu.be and more.

# • URLScan

Scan URLs for any malicious activity.

#### OpenLinkProfiler

A free link research tool that enables you to check the backlinks of any website. Enter a domain name in the search box and click the 'Get backlink data' button to get an immediate link analysis.

# Wireless Fidelity [WiFi]

#### WiGLE

The Wireless Geographic Logging Engine is a website for collecting crowd-sourced wardriving information about the different wireless networks and cell towers around the world. Users can register on the website and upload hotspot data like GPS coordinates, SSID, MAC address and the encryption type used on the hotspots discovered. Great way to get an address from a Wi-Fi SSID.

# Mylnikov API

A free API that allows you to get latitude and longitude by Wi-Fi BSSID or MAC address.

#### • OpenWiFi

API and database. The project seems idle since 2018 but the service is still online.

#### • 3WiFi

Similar to Wigle, this is a interactive, crowd-sourced map of wireless access points.

#### RadioCells

A community project to collect information on cell tower and Wi-Fi base stations and plot them on a map. The project itself was founded in 2009.

#### OpenWiFiMap

Database and map for free network Wi-Fi access points from all over the world.

#### WiMan

Helps find all the free Wi-Fi hotspots available per destination and elsewhere in the world.

# • WiFiSpace

Find open free and public Wi-Fi hotspots practically anywhere in the world.

# • WiFi Map

Another site that shows you publicly open Wi-Fi networks by location. They also offer a mobile app.

#### • BT WiFi

The UK's biggest Wi-Fi hotspot network. Over 5 million available hotspots nation wide.

#### • OpenWiFiSpots

Search for free open wireless networks worldwide.

# Media Access Control [MAC]

# • MAC Address Lookup

Lookup any MAC address and view the manufacturers name.

# MAC and OUI Lookup

Displays the name of the company that manufactured a network card. You can also do a reverse lookup and find the MAC addresses registered by a company.

# • MAC Lookup

Another tool that provides information about any MAC address.

# • MAC Address Search

Yep, it's another MAC address search tool.

# **User Agents**

#### <u>User Agent Parser</u>

Lookup a browser user-agent and view details about it such as software versions, OS types, and more.

#### UA Parser

A simple tool that displays your current user agent strings.

# Internet of Things [IoT] Search

# **Device Discovery**

#### Shodan

A search engine that lets the user find specific types of computers and IoT devices connected to the internet using a variety of filters.

# • Censys

The search engine for finding internet devices, like computers, servers, and other smart devices.

#### ZoomEye

Another search engine which is used mostly to see open devices that are vulnerable and most often used by pentesters to test or exploit their vulnerabilities over the internet. Zoomeye lets user find specific connected network devices.

# • Thingful

A search engine for the internet of things (IoT), providing a unique geographical index of connected objects around the world, including energy, radiation, weather, and air quality devices as well as seismographs, iBeacons, ships, aircraft and even animal trackers.

#### GreyNoise

Collects, analyzes, and labels mass internet scan and attack activity into a feed of Anti-Threat Intelligence (ATI).

#### Natlas

This is described as a "collection of nmaps". Catalogs things like open ports and software versions.

#### ONYPHE

A cyber defense search engine for open-source and cyber threat intelligence data. Collected by crawling various sources available on the Internet and active internet scanning.

# FOFA

FOFA is a cyberspace search engine. It help customers find IP assets quickly. Essentially a clone of Shodan.

# LeakIX

Search engine indexing open ports on the internet. It focuses on listing the databases and table names and keeps an history of every successful connection.

### • <u>BinaryEdge</u>

Focuses on acquiring, analyzing and classifying internet wide data by combining efforts in the areas of cybersecurity, data science and machine learning. Requires registration.

# **CCTV and Webcams**

#### • <u>EarthCam</u>

A searchable global network of live streaming webcam feeds.

#### WebCamTaxi

Directory of open webcams organized by country and location.

# • OpenTopia

Catalogues live webcams that have been found via search engines. Allows you to view camera feeds plotted on a map.

# • <u>Insecam</u>

Live cameras directory. Claims to be the world's biggest directory of online surveillance security camera feeds. Searchable by location or camera manufacturer.

# • The Webcam Network

A large directory of open CCTV and webcams, organized by location.

#### Windy Webcams

A large open webcam directory. Formally known as "Lookr".

# • WebcamMap

A directory or open IP cameras plotted on a map.

# • <u>SkylineWebcams</u>

View live webcam feeds from around the world. Sorted by country.

#### AirportWebcams

Directory of webcams from various airports and runways from around the world.

#### • KrooozCams

Another large directory or open IP cameras.

# • London Traffic Cams

Live feeds of traffic cameras in London, England.

# • London Traffic Cams 30 Day Archive

A 30-day archive of traffic camera footage from London, England.

#### • Fisgonia

Directory of open IP cameras plotted on a map. Website is in Spanish.

# • List of Unsecured IP Cameras

A great article that describes the most common types of IP cameras that are exposed online. Also provides a list of default credentials for common IP cameras.

# • IPVM Camera Calculator

Calculate the field of view, layout and design of a CCTV camera network.

# • <u>CamVista</u>

A directory of open IP cameras. Appears to be outdated, but still worth mentioning.

# **Attack Maps**

# • Bitdefender Threat Map

A cyber threat and cyber-attack map that displays information in real-time.

# • Kaspersky Cyberthreat Map

Displays cyber-attacks in real-time with very pretty animations.

#### • <u>Digital Attack Map</u>

A map that displays distributed denial-of-service (DDoS) attacks in real-time.

# • FireEye Cyber Threat Map

Shows on-going cyber threats and cyber-attacks in real-time.

# • <u>LookingGlass Threat Map</u>

Shows attacks and infections for known malware in real-time.

# • <u>CheckPoint Live Cyber Treat Map</u>

Displays real-time malware infections, phishing attacks and exploitation on a map.

# • <u>Talos Intelligence Reputation Center</u>

Claims to be the world's most comprehensive real-time threat detection network. Includes an interactive map.

# • Spamhaus Live Botnet Threat Map

A live map of botnet activity, zombies and C2 servers.

• Imperva Threat Attack Map

Real-time view of on-going cyber attacks.

• Talos Intelligence Cyber Attack Map

A live map that shows the top spam and malware distributors.

• ThreatButt

A real-time cyber attack map. By far the most 1337 looking attack map out there.

Akamai Attack Visualizations

This real-time visualization shows the phishing, malware, and command & control threats that Akamai is blocking (for customers) through its Intelligent Platform and its unprecedented insights into DNS and IP traffic.

• Fortinet Threat Map

Interactive map that displays statistics of active cyber attacks in real-time.

• Sophos Threat Intelligence

A static threat tracking map. All data comes from SophosLabs monitoring and malware research activities. Map is not in real-time.

• NetScout Omnis Threat Map

Displays DDoS attacks observed globally in real-time as well as other statistics such as size, type, sources, destinations, time span and more.

• SonicWall Worldwide Attacks

Provides a graphical view of worldwide attacks over the last 24 hours. It shows which countries are being attacked and where the attack originates. This interactive map shows not only malware attacks, but ransomware, encrypted traffic, intrusion attempts, and spam/phishing attacks. Also included are attack site statistics for the past 24 hours.

# **Public Buckets**

Public Buckets

Find public AWS and Azure buckets and documents via keyword.

• GreyHatWarfare Bucket Search

A great tool that lists open AWS S3 buckets and helps you search for interesting files. Requires registration for limited free use. Requires a paid subscription to access advanced features.

# **Exploits and Proof of Concept [PoC]**

ExploitDB

An archive of exploits, vulnerabilities, shellcode, 0days, security articles, whitepapers and more. Ran by Offensive Security.

• GHDB

The Google Hacking Data Base is an index of search queries (we call them dorks) used to find publicly available information, intended for pentesters and security researchers.

MITRE CVE

The mission of the CVE program is to identify, define, and catalog publicly disclosed cyber-security vulnerabilities.

• NIST NVD

The U.S. government repository of standards based vulnerability management data represented using the Security Content Automation Protocol (SCAP). Enables automation of vulnerability management, security measurement, and compliance. The NVD includes databases of security checklist references, security-related software flaws, misconfigurations, product names, and impact metrics.

• CVE Details

You can browse for vendors, products and versions and view CVE entries, vulnerabilities,

related to them. You can view statistics about vendors, products and versions of products. Vulnerability data is updated daily using NVD feeds.

#### VulDB

A vulnerability database documenting and explaining security vulnerabilities, threats, and exploits since 1970.

#### • CVE Trends

Crowdsourced CVE intelligence and trends.

# **Advanced Persistent Threats [APTs]**

#### • MITRE ATT&CK Groups

Great collection of known APT groups that are currently in operation as well as groups that are no longer active.

# • [XLSX] APT Groups and Operations

A large list of known APTs that is organized by country of operation. Archived copies available <a href="here(Wayback">here (Wayback</a>). Offline copy available <a href="here(AnonFiles)">here (AnonFiles)</a>.

# • [IMAGE] APT Operation Groups

A collection of infographics that display the various known and currently active cyber operation groups per country. Archived here (Wayback) and here (archive.today).

# **Personal Connection Profiling**

# • GRC SheildsUP

Great tool for profiling your internet connection and router for exposure, potential vulnerabilities, and open ports. These are the results you want to see; [IMAGE] SheildsUP TruStealth, (Wayback), (archive.today).

#### IPLeak

See what information you are giving away while browsing the internet. IP addresses, DNS leaks, WebRTC leaks, fingerprints and user-agent.

#### BrowserLeaks

Here you will find a gallery of security testing tools that will show you what kind of personal data can be leaked, and how to protect yourself from it.

#### • DNS Leak Test

A simple tool to check for DNS leakage.

# WebKay

A demonstration of all the data your browser knows about you. All this data can be accessed by any website without asking you.

#### PrivacyTests

An open-source list of web browser privacy tests.

# • <u>Trackography</u>

Find out who is tracking you when you are reading your favorite news online.

# **Browser Extension Resources**

#### CRXcavator

Automatically scans browser extension stores every 3 hours and produces a quantified risk score for each extension. Catalogs extensions for Chrome, Firefox and Edge.

#### • Crx4Chrome

A catalogue of Chrome extensions. Allows you to download older versions and view related metadata about an extension.

# • Firefox Legacy Collector Dump

A large archive of legacy Firefox browser extensions.

#### • ca-archive

Another catalogue of classic Firefox add-ons created before WebExtensions apocalypse.

# **Other Tools**

#### • Domains-Index

An index of registered domains, sorted by TLD. Allows you to download lists of registered TLDs in .csv format. Requires registration and a paid subscription. However, some TLD lists are free.

#### ZoneFiles

Another index of registered domains sorted by TLDs. Updated daily. Requires paid subscription and registration to access their datasets.

# • Zone-H

An Internet security portal containing original IT security news, digital warfare news, geopolitics, proprietary and general advisories, analyses, forums, and a large archive of website defacements.

# • <u>Default Router Settings</u>

A list of default settings and login credentials for over 2,000 routers.

#### OpenSezMe

Contains over 6,000 default credentials for routers and other IoT devices.

# • Bowserling

Allows you view a website in a different browser online. For example, a Mac user can test a website to see how it acts in Internet Explorer, without having to install a VM.

#### ISP Quick List

A free database that lists ISPs for wireless, broadband, DSL, ADSL, cable, etc. Organized by country.

#### ISP Today

A worldwide database of internet service providers.

Wikipedia - Lists of Internet Service Providers by Country (Wikiless)
 Lists of ISPs organized by country.

# • Abuse.ch

A research project at the Bern University of Applied Sciences (BFH). Home of some great projects such as MalwareBazzar, botnet C&C trackers, SSL blacklists and more.

# • **URLHaus**

A project from abuse.ch with the goal of sharing malicious URLs that are being used for malware distribution.

# **Signals Intelligence [SIGINT]**

# **Radio Frequencies**

# • Signal Identification Wiki

Identify radio signals through example sounds and waterfall images. Most signals are received and recorded using a software defined radio.

# • RadioGarden

Tune into thousands of live radio stations from across the world.

# Live Online Radio

A large directory of radio stations from around the world that lets you listen in. Organized by geographical region.

# • RadioNet

View and listen to radio stations near your location or search for radio stations via keyword.

#### Broadcastify

Listen to live to police, fire, EMS, aviation, and rail audio feeds from the USA.

#### Radiooooo

A collaborative collection of radio stations from all over the world.

#### OpenMHz

Listen to live police and fire radio from all across the U.S.

#### RadioReference

The largest radio communications data provider. Has a complete frequency database, trunked radio system information and FCC license data. Requires registration.

# • American Archive of Public Broadcasting

Discover, listen and watch historic radio and television broadcasts from across the USA.

#### GlobalTuners

Provides access to remotely controlled radio receivers all over the world. You can tune the receivers to listen to remote radio broadcasts, air traffic, amateur transmissions and much more.

#### Wide-Band WebSDR

On this page you can listen to and control a short-wave receiver located at the amateur radio club at the University of Twente. This receiver can be tuned by multiple users simultaneously.

# • <u>Digital Frequency Search</u>

Helps find, scan, and identify digital radio frequencies in a specific area. All searches are by county and state. Data is provided from the FCC.

#### DXing

A database of national radio frequencies.

# • American Disaster Shortwave Frequencies

A list of emergency radio frequencies used by various US agencies.

# • Bearcat Family Radio Frequencies

A list of radio frequencies used by NatCom.

#### • Bearcat Fast Food Frequencies

A list of frequencies used by fast food chains in the US.

# • <u>Bearcat Military Frequencies</u>

A list of US military trunked radio frequencies.

# • Bearcat Sports Frequencies

A list of radio frequencies related to sports.

### • Bearcat Online

A tool that allows you to search various frequency databases. Requires a paid subscription.

# • <u>Default Frequencies for Motorola Business Radios</u>

A list of Motorola business radios with their channel numbers and the default frequencies assigned to them out of the box.

# • EchoLink Link Status

A list of currently available link stations for amateur radio operators.

# • <u>FindU</u>

The primary source of data is an amateur radio system called APRS, some weather data comes from an internet based system called the Citizen Weather Observer Program. Data is constantly being updated.

# **HAM Radio**

# • QRZ Callsign Database

Search for licensed HAM radio operators by callsign, real name, address, country and more.

#### • FCC License Search

Allows you to search for amateur radio operators by callsign, name or FRN. Search results

can provide a persons full name, callsign, addresses and in some cases, felony records.

• Canadian Amateur Radio Operator Search

A database where you can search Canadians who are licensed amateur radio operators. Search by callsign, last name, city, province or postal code.

# **Deep Webs and Darknets**

# **General Darknet Search**

Haystack

Search engine service to discover hidden services and gain access to onion sites or eepsites in the I2P network.

DarkOwl

A great tool for searching through different darknets including TOR, I2P, ZeroNet and paste sites. Requires a paid subscription.

# The Onion Router [TOR]

# **TOR Networking Tools**

TOR Exit Nodes

Contains a full list of TOR exit nodes that are currently active as reported by the Tor Project.

ExoneraTor

Enter an IP address and date to find out whether that address was used as a Tor relay.

TorWHOIS

Look up an .onion address and see basic information such as date last seen, open ports, running software and banners. You can also query specific onions from the command line: whois -h torwhois.com facebookcorewwwi.onion

# **TOR Search Engines and Directories**

• <u>Ahmia</u>

Searches for hidden services on the Tor network.

• OnionLand Search Engine

A search engine for the deep web. Official onion site can be found here.

• Dargle

A data aggregation platform for dark web domains. Using this directory, we can generate a portfolio of domains and their statuses, gain insight into the content and nature of these services, as well as the connections between them.

OSINT Party Fresh Onion RSS

An amazing RSS feed of fresh and newly discovered .onion sites. Be careful, this feed remains uncensored, so you may encounter illegal content.

• <u>HiddenWiki</u>

A large and neatly organized directory of .onion sites. You can visit this site without TOR <a href="here">here</a> (CLEARNET PROXY).

• Hidden Services Today

Place with fresh links to TOR services hidden that is free of spam and scam sites. Only trusted and safe links are provided.

• Hunchly Daily Dark Web Report

Identify new hidden services, or find investigation targets that you might not have otherwise known about. It is 100% free and every day you will receive a link to a spreadsheet you can download or view online. Requires you to provide an email address to join their mailing list.

#### • <u>TOR66</u>

An onion site that lists newly discovered onion sites that have been submitted from a variety of different clearnet platforms.

# • H-Indexer

Another onion site that offers a list of fresh onions. Beware, results are often uncensored, so you may encounter illegal material.

#### DarkSearch

A search engine for TOR onion sites. Claims to index thousands of onions. Offers the ability to use <u>advanced search operators</u>, and they also provide a free API. Appears to be a bit outdated though.

#### Kilos

Specific market & vendor sale of goods engine. Currently indexing over 876,601 forum posts, 106,558 listings, 6,313 vendors, and 1,443,739 reviews from 12 markets and 5 forums.

# • IACA Darkweb Tools

A collection of darkweb search tools. Allows you to query .onion search engines, marketplaces and social media sites.

#### • TOR Taxi

A catalog and directory of the most popular onion sites.

# **Miscellaneous TOR Resources**

# • Darknet Market Buyers Bible

The buyer's DNM bible aims to be a complete guide that covers all steps that users have to take in order to buy securely from darknet markets. It orientates itself on OPSEC best practices and, if exactly followed, will greatly minimize the risk of you getting caught. They also offer an offline version of this guide, available <a href="here">here</a> (CLEARNET PROXY) and <a href="here">here</a> (Wayback).

# • <u>Dropgangs - The Future of Darknet Markets</u>

An excellent article from 2018 about the evolution and the future of darknet market places. Available as a <u>PDF</u>. Archived <u>here (Wayback)</u> and <u>here (archive.today)</u>.

#### • DarkFeed RansomWiki

A site for researchers that keeps track and provides links to various ransomware group darknet sites.

# • Ransomware Group Sites

An onion site that provides links and details about ransomware groups currently operating. Clearnet proxy provided <a href="https://example.com/here/clearnet-proxy">here (CLEARNET PROXY)</a>.

# • NullTrace

An onion site that offers an easy to use PGP toolkit. Allows a user to create PGP keypairs, sign, verify, encrypt and decrypt.

# • Njalla

A privacy focused domain service that acts as a "middle man" between the domain name registration service and you, acting as a privacy shield.

# **Invisible Internet Project [I2P]**

# • I2P Search

A I2P search engine. I2P gateway is used for the search results to access I2P hidden services, known as "eepsites".

# • Ahmia I2P Search

Another great I2P search engine.

#### • Nekhbet I2P Links

A neatly organized directory of eepsites.

### **FreeNet**

• FreeNet Documentation

Learn how to configure and use FreeNet.

### **eMule**

• Online eMule Client

A simple online eMule search engine. However, it sometimes does not work for whatever reason.

• eMule Safe Server List

Specializes in providing IP filters, nodes.dat and server lists for eMule.

### ZeroNet

• Whonix ZeroNet Wiki

Excellent guide on how to securely setup ZeroNet. Also provides a decent list of common ZeroNet sites.

## **Interplanetary File System [IPFS]**

IPSE

An IPFS search engine.

• IPFS Search

Another search engine for IPFS.

• IPFS Datasets

A huge collection of all sorts of different datasets hosted via IPFS.

## **FidoNet**

• FidoNet Nodes

A large list of FidoNet nodes. Searchable by node address or sysop name.

## **Usenet**

• NZBFriends

A search engine for Usenet.

# **People Investigations**

# **General People Search**

Melissa Lookups

Arguably one of the best search tools for people out there. Provides a massive amount of tools and resources to search people by name, address, phone number and so on. They also provide loads of other useful tools and resources including maps, federal data, property records and more.

• SocialCatfish

Find connections and verify a person's online identity using a name, image, email address, phone number, username or physical address.

Verecor

Generic people search site for U.S. citizens.

#### • <u>uFind Name</u>

Search for a persons name and see matching results including LinkedIn and Facebook accounts, whitepage results, vehicle registration database entries, marketing data and more.

#### • Pipl

One very great tool for locating people by name, address, email address, username and so on. Once offered as a free service many moons ago, now requires a paid subscription.

#### Phonebooks

A free international people search, telephone directory and address search.

#### xLek

A free public data search site mainly for U.S. citizens. Was formerly known as Cubib.

#### Cloob

An Iranian people search engine.

#### • BehindTheName

Find different pronunciations of a name and their diminutives.

## **Vital Records**

#### • <u>Vital Record Search Tools</u>

This site contains tools for finding immigration records, census records, vital records, and for dealing with calendars, maps, foreign alphabets, and numerous other applications. Some of these tools fetch data from other websites but do so in more versatile ways than the search tools provided on those websites. Created by Stephen P, Morse.

#### • <u>US Census Record Database</u>

Federal census records have been digitized and made available to the public. US census records currently available date from 1790 to 1940.

#### • UK Census Online

Census records from the United Kingdom have been digitized and made available to the public. Includes birth, death, marriage, and census records.

#### • Social Security Death Index Search

Another tool from Stephen P. Morse that allows you to easily search through the US social security death index (SSDI). Records are from 1936 to February 28th, 2014.

#### SlaveVoyages

Includes detailed information on over 35,000 trans-atlantic slave trading voyages that occurred between 1520 and 1866 as well as estimates of the overall size and direction of the trade.

#### • Ellis Island Passenger Search

A searchable archive of over 65 million records of passengers arriving to the Port of New York, USA from 1820 to 1957.

## Genealogy

#### Ancestry

The world's largest collection of online family history records and genealogy records. Requires a paid subscription.

#### • GenealogyOnline

Search for ancestors and relatives in published family trees. Also allows you to publish yourself to find matches in other family trees. (*Please do not actually do that*).

#### • FamilySearch

Search for family ancestors, family history and family trees. Requires registration.

#### • US National Archives Resources for Genealogists

Provides a wealth of resources related to genealogy for people in the U.S.

Archives Canada Genealogy and Family History

Access the Canadian ancestry and genealogy records and discover a wealth of information for people in Canada.

• <u>CubaGenWeb</u>

An on-line bi-lingual depository of resources and data dedicated to Cuban Genealogy. It is intended to facilitate the search for Cuban roots by providing as much information as possible to get you started in your research and help fill in some of the missing blanks.

### **Court Records**

JudyRecords

Search over 580 million United States court cases.

• <u>CaseLaw Access Project</u>

A free tool that allows you to search over 1.7 million U.S. federal cases and over 4.9 million state cases.

• CourtListener

Search over 4 million U.S. federal and state cases and opinions in over 400 different jurisdictions.

• CourtRecord

Search complete and up-to-date public court records in the U.S.

DocketAlarm

A searchable database with over 91 million state cases. Over 19 million specialized agency cases such as patent, trademark, tax, international trade, etc.

• <u>SearchSystems</u>

Search for United States public records.

UniCourt

Provides case research, tracking and legal analytics of court data.

• BRB Public Records

A large catalog of public records and data sources for the U.S.

• New Zealand Court Records

Judgements of public interest issued by the Supreme Court, Court of Appeal and the High Court of New Zealand.

## **Criminal Records**

USA Arrests

Search for a U.S. citizen by first and last name and see that individuals recent arrests.

• BC CSO

Search by name for criminal history records for residents of British Columbia, Canada.

## **Sex Offenders**

FamilyWatchdog

A free service to search for registered sex offenders in the United States.

• National Sex Offenders

A free government provided public database of registered sex offenders in the U.S.

• IBB Claims UK

A list of convicted sex offenders in the UK. As the UK sex offender registry is not available to the public, the names listed are pulled from various news articles and sources.

## **Inmate Records**

#### • The Inmate Locator

Search for U.S. offenders, inmates and prisoners by name and state. Also provides other useful information.

#### • InmateAid

Helps you locate and connect with inmates in the U.S. prison system.

#### • BOP Inmate Locator

Search for U.S. prisoners by BOP register, DCDC, FBI, INS number or by name. Contains information about federal inmates incarcerated from 1982 to the present.

#### • JailBase

Search for U.S. inmates by name. Also provides a generic people search tool.

#### • The Inmate Search

Yet another U.S. inmate search tool.

# **Email Addresses**

## **General Email Tools**

#### • Epieos Email Tool

Enter an email address and see which sites the email address has been used. This is a web frontend of the holehe tool.

#### • Email Header Analyzer

Simple tool that analyzes email headers and making them human-readable.

#### • Free Email Scraper

Easily find email addresses by entering a website URL. This tool will scrape the page for any email addresses and display any results.

#### • <u>HavelBeenEmotet</u>

Check if an email address or domain is involved in the Emotet malspam campaign.

#### • Email-Format

Helps find the email address formats in use for thousands of different companies.

#### • Hunter.io

Lets you find professional email addresses in seconds. Very useful tool. For best results, a paid subscription is required.

#### • Snov Email Finder

Locate employee email addresses via domain name. Very handy.

#### • MailsHunt

Search a domain name and get a list of email addresses. Requires registration.

## **Data Breach Search**

#### HavelBeenPwned

Lets you search for an email address or phone number. Will tell you what breaches include what you have searched.

#### BreachDirectory

Search via email address, username or phone number to see censored passwords. They also provide the full password as a SHA-1 hash, which can easily be cracked.

#### DeHashed

Is the largest & fastest data breach search engine. You can search for IP address, email, username, name, phone, address and more. Requires a paid subscription.

#### IntelX

Allows you to search through breach data for email address and more. Requires a paid subscription to view full results.

#### MyPWD

A tool for monitoring leaked passwords for accounts linked to emails. Actually shows you the leaked passwords.

#### Leaked Site

Another leaked database search. Requires a paid subscription.

#### WeLeakInfo

Provides you the best leaked breached databases downloads. Requires a paid subscription.

#### • LeakPeek

An all-in-one online data protection platform. Search for your publicly leaked passwords using an email or username. Shows you censored results. Requires a paid subscription to view uncensored results.

#### LeakedSource

Search for leaked data by email address, name, username, phone number, IP address or password. Requires a paid subscription.

#### LeakCheck

Check your account for leaks. Requires a paid subscription for best results.

#### HotSheet

Use this free service to check if an email address is in any hacked data from known breaches. Get a summary of what specific information may be at risk. Essentially a clone of HavelBeenPwned.

#### • Leak-Lookup

Allows you to search across thousands of data breaches to stay on top of credentials that may have been compromised. Requires a paid subscription.

#### Am I Breached

Lets you search for name, email, IP, phone number, username, credit card numbers, VIN and more. Requires a paid subscription.

#### • <u>ScatteredSecrets</u>

Allows you to search data breaches to see if your password has been compromised. Requires a paid subscription.

#### SkidSearch

Breached account lookup service. Requires registration.

#### SnusBase

Snusbase makes it easy to stay on top of the latest database breaches and makes sure you and your closest stay safe online. Requires a paid subscription.

### Personal Data Leak Checker

Find out if your email or phone number and related personal information could get into the wrong hands.

#### • Data Breach Checker

Use this tool to check if your email address has been compromised in any known data breaches.

#### Ashley Madison Search

Check to see if an email address was included in the Ashley Madison breach.

#### PwnDB Onion

A .onion site that allows you to search an email address and provides you with free, uncensored results. You can visit this site without TOR <a href="here">here</a> (CLEARNET PROXY).

#### • Leaked.Domains

Contains a large number of breached datasets to perform passive intelligence gathering on domains. Allows you to search a domain name and see how many times the domain has been included in breached data. Requires registration with a company email to access full reports for that specific domain.

#### • DeepSearch Onion

An .onion site that lets you search through leaked databases. Requires an account.

#### CheckLeaked

Discover leaks, know the passwords and information that hackers already have about you. Requires a paid subscription

## **Pretty Good Privacy [PGP]**

• MIT PGP Public Key Server

A searchable database of public PGP keys from MIT.

• PeeGeePee

A public key server for public PGP keys.

PGP Global Directory

Search for public PGP keys.

• OpenPGP Key Search

Search for public PGP keys via email address, PGP fingerprint or key ID.

• Keybase

Search for Keybase users and PGP keys.

# **Phone Numbers**

## **General Phone Number Tools**

• National Cellular Directory

Search via phone number or name and see information about the owner. Requires a paid subscription.

• <u>SpyDailer</u>

A free reverse lookup tool. Reverse search a phone number, name, address or email address.

• Cellulaire

A reverse phone number lookup tool that utilizes public records to help identify the owner of a specific phone number. Appears to not have that much data.

• 800notes

A crowd-sourced reverse phone number search. Good for identifying scammer numbers.

• FoneFinder

Allows you to enter any phone number and see the type of number, the location where it was assigned, the cell carrier and a few other details.

• Payphone Directory

A directory of payphones still in operation in Canada, U.S., UK and other countries.

Country Codes

This calling chart will help you find the dialing codes you need to make calls around the globe. Simply find and click the country you wish to call.

• Wikipedia - List of Country Dialing Codes (WikiLess)

Similar to the above, this is a big list of dialing codes for each different country.

• Global Prepaid SIM Registration Policies

A neatly sorted list that shows you the different laws and requirements to purchase a prepaid burner SIM card in different countries.

• NummerSearch

Search for a Swedish phone number and confirm which phone operator the number belongs to.

# White/Yellow Page Directories

#### • Phonebook of the World

A massive directory with links to white and yellow pages from 244 different countries and over 1,000 different cities from around the world.

#### • Directories Abroad

A very well organized directory of phone number directories from around the world, organized by country. Click <u>here</u> for a Norwegian to English translation.

#### • InfoBel

A large directory of white and yellow pages for over 60 different countries around the world.

#### AllPages

Yellow page directory that provides business listings for all business categories in Canada and the U.S.

#### • SuperPages

Yellow pages for Canada and the U.S. Find and connect with local plumbers, handymen, mechanics, attorneys, dentists, and more.

#### • World White Pages

A decent directory of links to white pages for specific countries.

#### • World Yellow Pages

A large directory of links to both white and yellow pages for different countries around the world.

#### • GetHuman

Web service designed to help people get assistance quickly by providing a directory or support numbers and contact emails. Simply enter the name of the company you wish to reach and view ways to contact their support teams. GetHuman generally only deals with large, national, or international firms.

## **Country Specific White Pages**

### Asia

- Afghanistan
  - Afghanistan White Pages
     White page directory for Afghanistan.
- Cambodia
- China
- Hong Kong
- India
- Israel
- Japan
- Kazakhstan
- Kyrgyzstan
- Malaysia
- Mongolia
- Pakistan
- Russia
- Singapore
- Sri Lanka

- RainbowPages
  - Sri Lanka's only telephone directory.
- Taiwan
  - o White Pages Taiwan
    - Find people or companies in Taiwan. Uses a Google custom search.
- Turkmenistan

## **Africa**

- Algeria
- Central African Republic
- Egypt
- Gabon
- Kenya
- Lebanon
- Libya
- Madagascar
- Malawi
- Mali
- Morocco
- Nigeria
- Sierra Leone
- South Africa
- Uganda
- Zambia
- Zimbabwe

### Caribbean

- Costa Rica
- Dominican Republic
- Haiti
- Puerto Rico
- Trinidad and Tobago

## **Europe**

- Albania
  - <u>Shqiperia</u>

White pages and people search for Albania.

- Austria
- Belarus
- Belgium
- Croatia
  - White Pages Croatia
     White pages for Croatia. Find people and companies.
- Cyprus
- Czech Republic
- Denmark
- Estonia

- Finland
  - o <u>Fonecta</u>

Find Finnish individuals and companies from a single search.

- France
- Germany
- Greece
- Hungary
- Ireland
- Italy
- Latvia
- Liechtenstein
- Lithuania
- Luxembourg
- Malta
- Moldova
- Netherlands
- Norway
- Poland
- Portugal
- Romania
- Serbia
- Slovakia
- Slovenia
- Spain
- Sweden
  - Ratsit SwedenSwedish white pages.
- Switzerland
- United Kingdom
  - o <u>192 UK</u>

White pages for the United Kingdom.

## **North America**

- Canada
  - 0 411

Canada white pages.

o <u>Canada411</u>

Canadian white and yellow pages.

- Mexico
- United States
  - White Pages USA
     USA white pages.

o <u>USA411</u>

Another white page directory for the USA.

OldPhonebook

Contains historical white page data from 1994 until today. Focused around U.S. citizens.

#### **South America**

- Argentina
  - Argentina White Pages
     White pages for Argentina.
- Belize
- Bolivia
- Brazil
- Chile
- Colombia
- Ecuador
- Guatemala
- Honduras
- Peru
- Venezuela

# **Country Specific Yellow Pages**

### **Asia**

#### • Afghanistan

o Afghanistan Yellow Pages

Business directory for Afghanistan.

o Afghana

A search engine for Afghan owned businesses in and outside Afghanistan.

#### • Bahrain

o Bahrain Yellow Pages

Has information about local businesses with addresses and contact details and other information.

• <u>BahrainYellow</u>

Bahrain business directory. Has options to filter by specific location.

Bahrain Directory

Bahrain business directory with categories for companies in Bahrain and links to jobs.

o Bahrain-Companies

Company directory with more than ten thousand companies and organizations published.

o PointBH

Point Bahrain allows you to search for businesses and services in Bahrain by clicking on a map to search a specific location.

#### Bangladesh

o Yellow Pages Bangladesh

Yellow pages for Bangladesh, allows you to search for businesses and services.

Address Bazar

An online yellow pages for Bangladesh.

• Bangladesh Business Directory

An online business directory and company guide for Bangladesh.

• BDquery

One of the largest local business directories in Bangladesh.

#### • China

Yellow Pages Macau

Online yellow pages for Macau, China.

#### Cambodia

Yellow Pages Cambodia

The online edition of this business directory. You can use this site to find up to date listings with contact information, profile, advertisement, email and web URLs.

#### Iraq

Iraq Directory

An Iraqi business directory.

#### Iran

o <u>IranPage</u>

Known as the first online directory of Iranian professionals and Iranian owned and operated businesses worldwide.

#### • India

o Yellow Pages India

Yellow pages business directory for India.

IndiaCatalog

A web directory of top Indian companies where you can find products, services, addresses, phone numbers and email details of top Indian companies.

#### • Indonesia

Yellow Pages Indonesia

Indonesian business directory.

#### Israel

Yellow Pages Israel

Israeli yellow pages.

- Japan
- Kazakhstan
- Kyrgyzstan
- Macau
- Malaysia
  - o Yellow Pages Malaysia

Yellow pages for Malaysia.

- Mongolia
- Pakistan
  - Jamals

Yellow pages business directory for Pakistan.

#### • Russia

Yellow Pages Russia

Russian yellow pages.

• Singapore

Yellow Pages Singapore

Singapore business directory.

o SG Search

Singapore company, address and telephone search engine.

#### • Sri Lanka

Yellow Pages Sri Lanka

Yellow pages for Sri Lanka.

#### • Taiwan

o <u>Taiwan Yellow Pages</u>

The official yellow pages directory of Taiwan.

• Taiwan Business Directory

Directory of manufacturers, exporters, suppliers, importers, wholesalers and retailers in Taiwan.

Yellow Pages Taiwan

Yellow pages business directory for Taiwan.

#### Turkey

• <u>BuildTurkey</u>

Construction business directory for Turkey.

#### • Turkmenistan

#### Vietnam

Yellow Pages Vietnam

Yellow Pages website for Vietnam, providing information on business, products and online shopping.

Yellow Pages Vietnam

Another business directory for Vietnam.

• Business Listing Vietnam

Find thousands of manufacturers, distributors, wholesalers and service providers in Vietnam.

### **Africa**

- Algeria
  - PagesJaunes

Yellow pages and business directory for Algeria.

- Central African Republic
- Egypt
  - Yellow Pages Egypt

Egyptian yellow pages.

- Gabon
- Kenya
- Lebanon
  - o Yellow Pages Lebanon

Business directory for Lebanon.

- Libya
- Madagascar
- Malawi
- Mali

#### Morocco

- Yellow Pages Morocco
   Moroccan business directory.
- Nigeria
- Senegal
  - Yellow Pages Senegal
     Yellow pages for Senegal.
- Seychelles
- Sierra Leone
- South Africa
  - Yellow Pages South Africa
     South Africa yellow pages.
- Uganda
  - Yellow Pages Uganda
     Ugandan yellow pages.
- Zambia
  - Yellow Pages Zambia
     Yellow pages for Zambia.
- Zimbabwe
  - Yellow Pages Zimbabwe
     Zimbabwe yellow page directory.

### Caribbean

- Cayman Islands
  - Find Yello

Cayman Islands yellow pages search and Cayman Islands telephone directory of phone numbers.

o Cayman Directory

Thousands of local pages and listings to search and find businesses, people and government.

o eCay Online

The ultimate business directory for the Cayman Islands.

- Costa Rica
- Dominican Republic
- Haiti
  - Yellow Pages Haiti
     Haitian online business directory.
- Puerto Rico
- Trinidad and Tobago

## **Europe**

- Albania
  - Yellow Pages Albania
     Albanian business directory.
- Armenia

Spyur AM

Contains information about companies and organizations in Armenia.

#### • Austria

Yellow Pages Austria

Austrian yellow pages and business directory.

#### Azerbaijan

Yellow Pages Azerbaijan

Azerbaijani business directory.

#### • Belarus

o B2B Belarus

Business directory for Belarus.

- Belgium
- Croatia
- Cyprus
- Czech Republic
- Denmark
  - o Yellow Pages Denmark

Business directory for Denmark.

#### • Estonia

o Yellow Pages Estonia

Estonian yellow pages.

- France
  - o <u>Yellow Pages France</u>

Yellow pages directory for France.

- Germany
- Greece
- Hungary
  - Yellow Pages Hungary

Hungarian yellow pages.

- Ireland
- Italy
- Latvia
- Liechtenstein
  - o <u>WelcomeLl</u>

Yellow pages and business directory for the Principality of Liechtenstein.

- Lithuania
- Luxembourg
  - o Yellow Pages Luxembourg

Yellow pages for Luxembourg.

- Malta
  - Yellow Pages Malta

A Maltese business directory.

- Moldova
  - Yellow Pages Moldova

Moldova yellow pages.

- Netherlands
- Norway
- Poland
  - Yellow Pages Poland
     Polish business directory.
- Portugal
- Romania
- Serbia
  - Yellow Pages Serbia
     Business directory for Serbia.
- Slovakia
- Slovenia
- Spain
  - Yellow Pages Spain
     Business directory for Spain.
- Switzerland
- United Kingdom

### **North America**

- Canada
  - Yellow Pages Canada
     Yellow page listings for Canada.
  - o <u>PhonePages</u>

Another yellow page business directory for Canada.

o <u>CanPages</u>

A large directory of Canadian companies.

- Mexico
- United States
  - Yellow Pages USA

Yellow pages for the USA.

DexKnows

An online business directory for the Unisted States.

#### Oceana

- Australia
  - Yellow Pages Australia
     Australian business directory.
- Cook Islands
- Fiji
  - Yellow Pages Fiji

Yellow page business directory for Fiji.

- Papua New Guinea
  - Yellow Pages Papua New Guinea
     Yellow pages for Papua New Guinea.

### South America

#### Argentina

Yellow Pages Argentina

Business directory for Argentina.

o Cylex AR

An online business directory. Here you can find addresses, descriptions and maps of the companies as well as user comments.

#### Belize

o Yellow Pages Belize

Business directory for Belize.

- Bolivia
- Brazil
  - Yellow Pages Brazil

Business directory for Brazil.

- Chile
- Colombia
  - Yellow Pages Colombia

Business directory for Colombia.

#### Ecuador

Yellow Pages Ecuador

Business directory for Ecuador.

o <u>Ecuador-Seek</u>

Ecuador business directory listings.

- Guatemala
- Honduras
- Peru
- Venezuela

# **Usernames**

## **General Username Tools**

• WhatsMyName

This tool allows you to enumerate usernames across many different websites.

• AnalyzeID Username Search

Social media username checker. Gather information on the taken username and get a summary of who the person is.

IDCrawl

A free people search engine that organizes social network information, deep web information, phone numbers, email addresses and more.

UserSearch

Search by username or email to find anyone using this free social network reverse lookup tool. Lookup profiles on social media and dating sites.

• <u>UserHunt</u>

A username search engine that goes to all the social, tech and creative sites to check if a username is taken or is available.

#### • <u>InstantUsername</u>

Checks more than 100 social media sites and let you know if a username is available there.

#### • PeekYou

Username search enables you to locate a person by their online alias, wherever they can be found on the web. Uncover the social pages, images, and weblinks associated with millions of usernames.

#### SearchPOF

Lets you search via username on PlentyOfFish, Instagram, Twitter, Facebook, LinkedIn, Pinterest, YouTube, SnapChat and more. Requires login in order to search POF accounts.

#### CheckUsernames

Check and see if a username is in use across about 60 different social networks.

#### • KnowEm

Allows you to check for a username or real name instantly on over 500 popular and emerging social media sites.

#### CheckUser

Check username on all popular social networks Including Instagram YouTube Facebook Twitch and more.

#### ClaimBrand

Search over 1000 popular social networks for usernames.

#### • PyPI User Search

Search the Python Package Index (PyPI) for a username. Simply add the target username to the URL. Example: <a href="https://pypi.org/user/<enter-username-here">https://pypi.org/user/<enter-username-here</a>.

#### • Usersearch.io

A great tool for finding information on a target. Search via email, username, real name, address, etc, and receive a wealth of results. Requires a paid subscription.

# <u>Gaming</u>

## **Gaming Forums**

#### • <u>SteamCommunity</u>

A massive gaming forum and discussion board for the Steam community.

#### GameFAQ

One of the largest online gaming forums. Tips, tricks, guides and user discussions.

#### • IGN Boards

Large gaming forum. Includes user discussions, guides, news and more.

#### • NeoGaf

Another online gaming forum.

#### • GTAinside

Grand Theft Auto mods and modding community.

### Steam

#### SteamID

A service where you can easily find information on Steam profiles. Simply enter a user's Steam ID or profile URL and you will be shown historical information such as the user's previously used avatars, aliases, historic friends and game information.

#### • SteamSpy

Gathers data from Steam user profiles, analyzes it and presents it in a neatly organized fashion.

### • SteamDB

Shows how much money a user has spent on Steam games.

• SteamRep

A tool to search a Steam account to see any reports of scamming related to that account.

• STEAMID/IO

Convert Steam IDs, Steam ID64s, Steam ID3s, Custom URLs and find Steam Community profiles.

• Steam ID Finder

Similar to the above. Allows you to covert SteamIDs and find the associated account.

FindSteamID

Another tool for searching SteamIDs.

SteamDiscovery

A tool that helps you filter the best Steam games by genre, tags, keywords and more. With Steam games sales tracking and updated guides for every Steam game.

## **Xbox Live and PlayStation Network**

#### XboxGamertag

Lookup a Xbox Live gamertag and see information about their profile including name, gamerscore, achievements, profile picture, avatar, bio and more. Works for both Xbox 360 and Xbox One accounts.

Tracker.gg

Enter a Xbox gamertag, PSN name or user ID to find player stats for a large variety of games.

PSNProfiles

Look up a PSN username and view that players stats, profile picture, recently played games and trophies.

• PSN Trophy Leaders

View PSN trophy leaderboards and profile information such as profile picture, played games, statistics and more.

## **Game Specific**

Rolimons

Quickly search for Roblox players and view their profiles. Show which limited items they own, their RAP, value charts, and more.

• Minecraft-Statistics

Displays detailed statistics for Minecraft players. You can find the players by nickname or UUID. See which servers they played in, how much time they spent on each server, when they last played, how many hours a day they play, with whom last played and more.

• MinecraftUUID

View a players UUID and name change history. Also good for checking if a username exists.

• NameMC

Check the availability of Minecraft names, look up the name history of Minecraft accounts, view Minecraft skins in 3D, convert UUIDs, and much more.

• LoLProfile

Search for a League of Legends player and view their statistics.

• Fortnite Tracker

Search for a player by their username and view their Fortnite statistics.

# **Real Estate**

## **General Real Estate**

#### Zillow

Search for an address and receive a wealth of information regarding that property. Such as images, size, features, price and tax history, floorplans and more.

#### • Homemetry

Provides information about almost every property in the U.S. Each listing contains all property related records including home values, sales history, taxes, size, structure characteristics, neighborhood information, local organizations, and other valuable information.

#### OfficeSpace

An online search engine that connects tenants and brokers in the U.S commercial real estate marketplace. Requires registration.

#### Arivify

Allows you to search for public property records for addresses in the U.S.

#### • Emporis

Provides information about skyscrapers and high-rise buildings. They also provide an <u>interactive map</u>.

#### • <u>DataTree</u>

Great resource and toolkit for finding real estate information and records. Requires a paid subscription.

## **Historical Data**

## **Property Records**

## **Data Sets**

## **General Data Sets**

#### • UCSF Industry Documents

Massive digital archive of documents created by industries which influence public health, such as the tobacco, chemical, drug and fossil fuel industries.

#### • <u>LuminDatabase</u>

A searchable database that collects and analyzes legal complaints and requests for removal of online materials (DMCA take-downs), helping Internet users to know their rights and understand the law.

#### • National Center for Biotechnology Information

Allows you to search 39 different scientific databases such as Pubmed, SRA, OMIN, MedGen and more from a single page.

#### • Afrobarometer

Large archive of sociological surveys conducted in African countries over the last ~20 years.

#### • Arabbarometer

Large archive of sociological surveys conducted in the Arab countries of Africa and the Middle East from 2007 to 2021.

#### CensoredPlanet

A censorship measurement platform that collects data using multiple remote measurement techniques in more than 200 countries. Provides reports and offers their raw data sets which are available for download.

#### • <u>DomainsProject</u>

Massive dataset of over 600 million domains. Total size is ~16 GB.

#### • Face Recognition Datasets

A large collection of face datasets for training facial recognition systems and other things of that nature.

• <u>Kaggle</u>

Offers over 50,000 public datasets for all kinds of various things.

Common Crawl

An open repository of web crawl data that can be accessed and analyzed by anyone.

• OCCRP Catalogue of Research Databases

A massive collection of public data sources compiled by OCCRP researchers that are the most useful for investigative reporting.

• CORE Research Paper Database

CORE currently contains 207,255,818 searchable open access articles and research papers collected from 10,286 data providers around the world, which you can search using keywords.

• Public Intelligence

An international, collaborative research project aimed at aggregating the collective work of independent researchers around the globe who wish to defend the public's right to access information.

### **Government Data Sets**

• FBI Vault

The US FOIA library. Contains over 6,700 scanned FOIA documents.

• <u>CIA Reading Room</u>

Search and view documents released through the FOIA and other CIA release programs.

• US Department of State Records

Search through 221,373 documents reviewed and released to the public.

• US National Archives

An independent agency of the United States government charged with the preservation and documentation of government and historical records. It is also tasked with increasing public access to those documents which make up the National Archive.

• UK National Archives

One of the worlds largest archives, containing over 11 million historical government and public records. From Domesday Book to modern government files. Includes paper records, digital records, websites, photographs, posters, maps, drawings and paintings.

• Canada Declassified

A digital repository of government records declassified under the Canadian Access to Information Act. Spans from 1945 through 1991.

• Archives Canada

A gateway to over 800 archival repositories across Canada.

• Australian National Archives Search

A tool to search the national archives of Australia. Includes an advanced search function.

• ICO Search

The Information Commissioner's Office (ICO) upholds information rights in the public interest, promoting openness by public bodies and data privacy for individuals. ICO is an executive non-departmental public body, sponsored by the Department for Digital, Culture, Media and Sport.

• <u>David McKie Open Data Portals</u>

This is a great collection of Canadian open data portals, both federal and provincial. This site also provides some other useful non-Canadian data sets.

## **Leaked Data Sets**

• WikiLeaks

An international non-profit organization that publishes leaks and classified media from

governments, companies and organizations alike. All data is provided by anonymous sources. #FreeAssange.

#### • <u>CryptoMe</u>

Publishes documents that are prohibited by governments worldwide. Particularly material on freedom of expression, privacy, cryptology, dual-use technologies, national security, intelligence, secret governance, open, secret and/or classified documents.

#### • ICIJ Offshore Leaks

Data from more than 785,000 offshore companies, foundations and trusts from the <u>Panama Papers</u>, <u>Offshore Leaks</u>, <u>Bahamas Leaks</u>, and the <u>Paradise Papers</u>.

#### • ICIJ Luxembourg Leaks

Also known as the "LuxLeaks", is a collection of over 350 documents about Luxembourg's tax rulings set up by PricewaterhouseCoopers from 2002 to 2010 to the benefits of its clients.

#### • <u>Distributed Denial of Secrets</u>

A journalist 501(c)(3) non-profit devoted to enabling the free transmission of data in the public interest. Aims to avoid political, corporate or personal leanings, to act as a beacon of available information.

# **Organized Crime and Illicit Trade**

## **General Organized Crime**

#### • InsightCrime

Criminal history, latest news and investigations organized by country. Provides news and information about the drug trade, armed groups, criminal actors, and other investigative reports.

#### • Global Initiative

comprises a network of over 500 independent global and regional experts working on human rights, democracy, governance, and development issues where organized crime has become increasingly pertinent.

#### • Organized Crime Observatory

Get last information about organized crime research over the word. Studies, books, research, reports, announcements, news and more.

#### • Numbeo Crime Database

Numbeo allows you to see, share and compare information about crime levels and types worldwide. It surveys the following about crime and safety in the cities.

#### • [PDF] CBSA Tattoo Identification Handbook

A great resource for identifying various tattoos and their known affiliations. Archived copy can be found <a href="https://example.com/here/wayback">here (Wayback)</a>.

#### LocalCrimeNews

Search for crime related news articles by location.

#### OddCrimes

A catalog of news stories and articles regarding many different, strange and unorthodox crimes.

#### Mugshots

Search for mugshots of convicted American criminals.

## **Most Wanted Fugitives**

#### • INTERPOL Red Notices

Basically INTERPOL's list of the most wanted fugitives. This is one hell of a list to be on.

#### INTERPOL Wanted Persons Search

Search for fugitives and most wanted persons through INTERPOL's database.

DEA Most Wanted

A list of the most wanted fugitives by the United States Drug Enforcement Agency (DEA).

• FBI Ten Most Wanted Fugitives

The United States Federal Bureau of Investigation's (FBI) list of their top ten most wanted criminals.

ATF Most Wanted

A list of the most wanted fugitives by the United States Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF).

ICE Most Wanted

A list of the most wanted fugitives by the United States Immigration and Customs Enforcement (ICE).

US Marshals Most Wanted

A list of the most wanted criminals by the U.S. Marshals Servce.

• Wanted by the RCMP

A list of the Royal Canadian Mounted Police's (RCMP) most wanted fugitives.

• Europe's Most Wanted Fugitives

A list of the most wanted criminals in Europe. List is maintained by EUROPOL.

## **Criminal Enterprises, Gangs and Syndicates**

GangstersInc

One of the best places for the latest news and in-depth reporting on the Mafia and other organized crime groups from around the world.

• Biker News

1%er motorcycle club news from all over the world.

• [IMAGE] Common Outlaw Biker Gang Colors

A few images that display the common layouts and patches used by 1%er outlaw motorcycle clubs. Archived <a href="https://example.com/here/bases/">here (Wayback)</a> and <a href="https://example.com/here/bases/">here (Wayback)<

• StreetGangs

Provides information and current news regarding various street gangs and prison gangs.

• Wikipedia - List of Criminal Enterprises (WikiLess)

This is a global listing of criminal enterprises, cartels, smuggling rings, street and prison gangs, tongs, mafias, syndicates and cybercrime networks that are or have been involved in organized crime. Some data here is out-dated, but still valuable.

• Metro Vancouver Shooting Map 2021/2022

A custom Google map of shootings and gang-related incidents for Vancouver, BC, Canada.

## **Human Trafficking and Migration**

• Global Modern Slavery Directory

Designed to be a useful tool for all stakeholders in the global anti-human trafficking field including providers, potential victims, survivors, community members, researchers, students, and others looking to identify or connect with resources.

• Human Trafficking Search

The global resource and research database on human trafficking. The database consists of academic journals, reports, research studies, congressional testimony, news articles, and other primary and secondary sources.

• [PDF] Financial Flows from Human Trafficking 2018

A report from 2018 by the Financial Action Taskforce (FATF) about the financial proceeds from human trafficking, Archived <a href="https://example.com/here/wayback">here (Wayback)</a>.

• <u>MixedMigration</u>

The MMC is a leading source for independent and high quality data, information, research

and analysis on mixed migration.

• Migration Policy Data Hub

Showcases the most current national and state-level demographic, social, and economic facts about immigrants to the United States; as well as stock, flow, citizenship, net migration, and historical data for countries in Europe, North America, and beyond.

## **Drugs and Drug Trade**

• RxList Pill Identification Tool

Search for and identify any unknown pills and/or capsules. Search by brand, imprints, color and shape.

• [PDF] The Cocaine Pipeline to Europe

Report from Global Initiative that shows information about the cocaine pipeline and smuggling routes into Europe. Archived versions of this document can be found <a href="https://example.com/here/wayback">here (archive.today)</a>.

• [PDF] DEA Drug Slang Terms and Code Words

This compendium of drug slang terms has been alphabetically ordered, and identifies drugs and drug categories in English and foreign languages. Archived copies of this document can be found <a href="https://example.com/here/bases/">here (Library Genesis)</a>.

• Commonly Abused Drug Charts

Contains information and reports about the most commonly used drugs.

• [PDF] List of Controlled Substances

An alphabetical list of controlled substances in the United States. Archived versions of this document can be found <a href="here">here</a> (Wayback) and <a href="here">here</a> (Library Genesis).

• OFAC Sanctions List Search

The US sanctions list includes many entities involved in drug trafficking, including a long list of individuals and companies targeted under the "Kingpin Act". Also available as a <u>PDF</u> <u>document</u>. Archived copy of this document from June 8th, 2021 can be found <u>here</u> (<u>Wayback</u>).

• FDA Approved Drug Index

Includes information about drugs, including biological products, approved for human use in the United States.

• DEA Drug Images

A database with images of many different types of illicit drugs. Created and maintained by the United States DEA.

• [PDF] 2020 National Drug Threat Assessment

Lots and lots of good information in here including some pretty interesting images. Has information about transnational traffickers in the Americas and Asia, trafficking methods, and illicit finance. Archived copies available <a href="here">here</a> (Wayback) and <a href="here">here</a> (Library Genesis).

## Wildlife Crime

• GIJN Illegal Wildlife Trafficking Guide

A guide from GIJN on how to conduct investigations regarding the illicit wildlife trade.

• Illegal Wildlife Trade

Basic information regarding the illegal wildlife trade from the U.S. Fish and Wildlife Service.

Oxpeckers

Africa's first environmental investigation unit. Combining traditional investigative techniques, data analysis and GEOINT to help expose wildlife offences and track organized criminal syndicates.

Oxpeckers WildEye Map

A tool to track seizures, arrests, court cases & convictions relating to wildlife crime across

Europe.

#### WWF

The World Wide Fund for Nature is an international non-governmental organization founded in 1961 that works in the field of wilderness and wildlife preservation and the reduction of human impact on the environment.

#### • Top 10 Most Trafficked Animals

A list of the most trafficked animals on the planet.

#### • INTERPOL Environmental and Wildlife Crime

Provides information about wildlife operations conducted by INTERPOL. Also provides some great documents related to the global illicit wildlife trade.

#### • DOJ Prosecution of Federal Wildlife Crimes

This page maintained by the United States Department of Justice (DOJ) shows details and outcomes of various criminal wildlife cases.

#### • [PDF] 2020 WildLeaks Report

Released on September 8th, 2020. This is the first report published by the wildlife whistleblowing initiative known as <u>WildLeaks</u>. Archived copies can be found <u>here (Wayback)</u> and <u>here (Library Genesis)</u>.

### • [PDF] Money Laundering and the Illegal Wildlife Trade

A report released in June 2020 from the FATF that describes how proceeds from the wildlife black market is laundered and how its used to fuel crime and corruption. Archived <a href="here">here</a> (Wayback) and here (Library Genesis).

#### • [PDF] UNODC Wildlife and Forest Crime Analytic Toolkit

A very well put together document that gives a comprehensive overview for understanding the main issues related to environmental offences and for analyzing preventive and criminal justice responses to wildlife and forest offences in a given country. Archived copies available <a href="https://hereity.com/h

## **Fraud and Scams**

#### • Fake-Scam

A German website with information, reports and guides on how to identify and avoid scams. Click <u>here</u> for a German to English translation.

#### ScamSearch

Global scam database. Search by picture, email, username, pseudo name, number or crypto address. Be aware that this is a crowd-sourced database, so there is potential for false positives.

#### • ScamAlert

Search for scam stories and common scammer methods via keyword.

#### ScamNumbers

A worldwide database of phone numbers that have been proven to be used by internet scammers. Tells you where in the world it is from, along with any other additional details that are available.

### • <u>ScamDigger</u>

A list of people who have been reported as scammers. Searchable via email, IP, real name and username. Data is crowd-sourced, so there is potential of false positives.

## **Other Illicit Trade**

#### ICOM Red Lists

This illustrated database compiles all the categories of at-risk cultural goods in the ICOM Red Lists. For more information on the Red Lists, please visit their <u>dedicated page</u>.

#### Havocscope

Provides information and threat intelligence on the global black market. The information about the black market has been collected from government agencies, academic studies, media reports, and reported data from other private sources.

# **Stolen Property**

## **Antiquities and Art**

#### • Art Loss Register

Submit a search against the Art Loss Register (ALR) database to determine whether an item has been reported stolen, missing or looted.

#### • The Antiquities Coalition

The leading organization for combating cultural racketeering and the illegal antiquities trade. Also provides many useful reports and infographics related to the illegal antiquities trade.

• INTERPOL Stolen Works of Art Database

Search INTERPOLs worldwide database of stolen art and artifacts. Requires you to submit an application form and register.

Find Stolen Art

A searchable database of stolen art and artifacts. Designed to assist law enforcement, dealers and buyers in identifying stolen artifacts. Contains descriptions and images of items, organized by type.

• Culture Crime News

A large database of art and antiquities crime news and reports.

### **Boats**

StolenBoats UK

A searchable database of stolen boats and engines in the UK.

• CPIC Stolen Boat Database

Search for boats that have been reported stolen in Canada. Search by either boat name, hull identification number, license number or registration number.

• CPIC Stolen Boat Motor Database

Search for boat motors that have been reported stolen in Canada. Search by serial number and motor type.

## **Firearms**

• HotGunz

A searchable database of firearms that have been reported stolen. Search by serial number.

• <u>CPIC Stolen Firearms Database</u>

Search for firearms that have been reported stolen in Canada. Search by serial number.

## **Vehicles**

• isitnicked

A free database of stolen vehicles in the UK.

UK Campsite

A stolen caravan and motorhome database for the UK.

CPIC Stolen Vehicle Database

Search for vehicles that have been reported stolen in Canada. Search by VIN number.

## **Property**

#### • <u>CameraTrace</u>

CameraTrace scours the internet searching through EXIF data of photos that were taken with cameras that have been reported stolen.

### • Project529

Allows you to search worldwide for bicycles that have been reported stolen.

#### • <u>CPIC Stolen Bicycle Database</u>

Search for bicycles that have been reported stolen in Canada. Search by serial number.

#### • <u>CPIC Stolen Property Database</u>

Search for items that have been reported stolen in Canada. Search by item serial number.

#### • StolenRegister

Search for a wide range of stolen items including electronics, bikes, tools and more.

#### • IMEI Pro

Enter a device IMEI number and see if it has been blacklisted. They also provide a very useful <a href="IMEI lookup for iPhone">IMEI lookup for iPhone</a> that includes additional information. Such as iCloud lock details, FindMyiPhone status, warranty status and AppleCare status.

#### • <u>DeviceCheck Canada</u>

Allows you to check if a mobile phone has been blacklisted in Canada. Only cell carriers are able to add devices to this database. Search by device IMEI number.

#### • Stolen911

Allows you to search for leads and help recover stolen items from crowd-sourced reports.

#### • The NMPR

The National Mobile Property Register is a real-time search portal that allows you to search a vast property history database. Allows you to search a serial number or IMEI.

#### ScrapTheftAlert

A tool for law enforcement that allows you to alert the scrap industry of significant thefts of materials in the United States and Canada.

#### • <u>FatFingers</u>

Search for items on eBay in different countries. Great for tracking down stolen items, which are often fenced on eBay.

#### • Lost Numbered Items Search (Lithuania)

Find out whether numbered object is lost. A full identification number of an object is required. Indicate the whole number or a part of it searching for lost bicycles.

# **War, Crisis and Conflicts**

## **General Crisis and Conflicts**

### • CrisisWatch

A global conflict tracker designed to help track developments in over 70 ongoing conflicts and crises.

#### • EmmeLine Conflict Map

A map of all major active conflicts across the globe. Click on a crisis to learn more.

#### RiskMap

A free security and risk mapping platform for viewing and analyzing global security threats in real-time. Requires registration for full access.

#### • Global Threat Assessment Map

This map contains a threat assessment of key countries as well as the current political climate. Updated every week.

#### • <u>Mapping Militants</u>

An interactive map that identifies patterns in the evolution of militant organizations in specified conflict theatres and provides representations of changing relationships among groups.

#### • The Homicide Monitor

An interactive map of the most comprehensive publicly available dataset on murder rates in the world.

#### • ConflictID

Collects, classifies, and analyzes images of weapons from the ongoing conflict in South Sudan, one of the least documented conflicts in the world.

#### • Hunger Map

A global hunger monitoring system that tracks and aims to predict a hunger crisis in near real-time. Monitors over 90 different countries.

### • Live Universal Awareness Map

An independent global news and information site dedicated to factual reporting of a variety of important topics including conflicts, human rights issues, protests, terrorism, weapons deployment, health matters, natural disasters, and weather related stories.

### **Terrorism**

#### • Global Terrorism Database

Provides information for over 200,000 terrorism incidents.

#### • Gun Violence Archive

An online archive of gun violence incidents collected from over 7,500 law enforcement, media, government and commercial sources daily in an effort to provide near-real time data about the results of gun violence.

# Weapons and Equipment Identification

## **Firearms and Ammunition**

### • <u>Armalytics</u>

Here is a database of almost every firearm ever made.

It's a digital version of the the Canadian RCMP Firearms Reference Table (FRT). You can download the full FRT in .pdf format from <a href="here">here</a>, which is constantly being updated. An archived copy created on 3/12/2021 can be found here (Wayback).

### • Modern Firearms

Encyclopedia of firearms and ammunition from the 20th and 21st centuries.

#### • The Weapons ID Database

This database was developed with the support of the Royal Armouries UK, and features downloadable weapons ID sheets which detail the visual information required to accurately identify and record particular types of weapons.

#### • Milsurp Knowledge Library

A forum for military surplus firearm collectors. Contains lots of images, descriptions, markings, stamps and plenty of other information. Organized by county of origin or weapon type.

#### • FirearmsGuide

The largest guns and ammunition reference guide. See the current value of used firearms, find gun manuals, schematics, blueprints and more.

#### • <u>Municion</u>

A searchable database of various firearm ammunition. Provides images, measurements, descriptions and related documentation. The site is written in Spanish, so use a translation service if you don't speak Spanish.

#### • Forgotten Weapons

Ran by YouTuber Ian McCollum. Offers videos and articles with extremely in-depth history, reviews, complete disassembly and reassembly of hundreds of different firearms.

#### • Internet Movie Firearms Database

An online database of firearms used or featured in films, television shows, video games, and anime.

## **Ordnance**

#### • BulletPicker

A great resource that lists information regarding ordnance, explosives, rockets, mines and other related items. Organized by type and country of origin. They also offer an offline version, which is really nice.

#### Ordnance Info

A database that displays type, country of origin, manufacturer, dimensions, images and other information about both lethal and non-lethal grenades.

#### Missiles of the World

Information on strike capabilities from around the globe. Includes ballistic missiles, cruise missiles, rockets, artillery, and mortars (RAM), and even maneuvering hypersonic boost glide delivery systems. Organized by country, this represents a growing collection of information on global missile systems, with illustrations and up-to-date information on their capabilities and history.

#### RiotID

This project consists of a series of guides to understanding different non-lethal riot control weapons and their effects, as well as guides on documenting evidence on use of force violations.

#### CORData

The Collaborative Ordnance data repository (CORD) enables web-based search of landmine and other explosive ordnance (EO) data to assist humanitarian demining and ordnance disposal operations. Requires you to create an account.

Wikipedia - List of Landmines (WikiLess)
 Wikipedia's list of landmines used worldwide.

• JMU CISR Munitions Reference Guide

A list large list of landmines that includes lots of details. Does not contain images of mines.

## **Equipment**

#### General

#### • ODIN Worldwide Equipment Guide

The authoritative digital resource for the Worldwide Equipment Guide (WEG), Decisive Action Training Environment (DATE) and accompanying force structures. Has information about almost every piece of modern military equipment. Aircraft, vehicles, missiles, communications, small arms, naval watercraft, radar systems and much more.

#### MilitaryFactory

Reference covering global aerospace/aviation news, the infantry warfighter, defense vehicles, and naval/maritime offerings both past and present

### **Motor Vehicles**

- [PDF] Worldwide Equipment Identification Cards North Korea/DPRK
   Visual equipment identification guide for DPRK. Archived copies available <a href="here">here</a> (Wayback)</a> and <a href="here</a> (Library Genesis).
- [PDF] Worldwide Equipment Identification Cards Iran
  Visual equipment identification guide for Iran. Archived copies available <a href="here">here</a> (Wayback) and here (Library Genesis).

• [PDF] Worldwide Equipment Identification Cards - Russia

Visual equipment identification guide for Russia. Archived copies available <a href="here">here</a> (Wayback) and <a href="here">here</a> (Library Genesis).

• [PDF] Worldwide Equipment Identification Cards - China

Visual equipment identification guide for China. Archived copies available <a href="here">here</a> (Wayback) and <a href="here">here</a> (Library Genesis).

• [IMAGE] US Combat Vehicles Infographic

Quick visual reference for US military vehicles. Archived <a href="here">here</a> (Wayback) and <a href="here">here</a> (Wayback) and <a href="here">here</a> (archive.today).

• [PDF] Worldwide Equipment Guide - 1999

Visual reference guide for common equipment with notes and technical information. Archived <a href="https://example.com/here/barbare/">here (Wayback)</a> and <a href="https://example.com/here/barbare/">here (Library Genesis)</a>.

• ArmyRecognition

A neatly organized directory of vehicles and equipment used by various militaries from all over the world.

Anatomy of a Tank

Learn how to identify the main external parts of a tank. This is actually from a video game called "World of Tanks", and it's awesome.

• <u>Armored Vehicles Recognition Handbook</u>

Reference guide for identifying older armored vehicles.

• Combat Vehicle Reference Guide

Visual reference guide with descriptions on armored vehicles.

Army-Guide

Information about the main battle tanks, armored vehicles and armament of land forces and also the information concerning other army subjects.

### **Aircraft**

• [PDF] US Army Visual Aircraft Recognition

US military guide in 2006 that was meant to identify aircraft, complete with pictures and descriptions of aircraft features. Archived copied available <a href="https://example.com/here/Library\_back">here (Wayback)</a> and <a href="https://example.com/here/Library\_back">h

• Combat Aircraft Recognition Guide

Guide that shows specific aircraft attributes as well as lists individual aircraft that follows those traits.

• Military Aircraft Database

Contains a vast amount of information about different aircraft for air forces in Europe, United States, Canada, South America, Africa, and Asia.

• AirRecognition

A neatly organized directory of aircraft and aircraft equipment used by various militaries from all over the world.

• All the World's Rotorcraft

Not very user friendly guide to rotorcraft. Not very up-to-date, however it is very useful for older rotorcraft.

#### **Drones**

UAV List

List of UAV systems that are publicly known with specifications such as missions, weight, speed, etc.

• Drone Survival Guide

Visual reference to some drones in use by current militaries, including use, as well as some survival information about drones. Entire website archived <a href="https://example.com/here/bases/">here (Wayback)</a>.

UAV Guide

List of UAVs including detailed information about payloads, dimensions and other drone specifications.

• Wikipedia - List of Unmanned Aerial Vehicles (WikiLess)

Wikipedia's list of UAVs that sorts UAVs by country.

#### **Boats**

• Naval Recognition Guide

Useful reference to different naval ships across the world.

US Navy Ships

Comprehensive guide that includes operation classes, new underdevelopment classes, and classes that have been retired since the Cold War specific to the US Navy.

NavyRecognition

A neatly organized directory of naval and naval equipment used by various militaries from all over the world.

### **Submarines**

• [IMAGE] Submarines of the World

Visual reference guide to current submarines in service as of 2015. Archived <a href="here">here</a> (Wayback) and <a href="here">here</a> (archive.today).

• <u>US Submarines</u>

Live tracker for Submarines in the US Navy that are able to be tracked/located.

## **Personnel Equipment**

#### General

• Military Equipment Wiki

A free MediaWiki page that lists various equipment used by militaries from around the world.

### **Gas Masks**

GasMaskKing

This is an excellent source of information about many different kinds of gas masks. Includes images, images of stamps, identifiers and more.

NoFuture Gas Masks

One of the most quintessential gas mask information resources available. Although much of the names and descriptions of certain masks are outdated, it is still an excellent encyclopedia of gas masks.

GasMaskLexikon

Another great collection of mask information and images. However, some things here are a bit outdated.

• Don Or Die

Contains a wealth of excellent information, detailed photos, descriptions and more. Neatly organized by country of origin.

## **Personnel Identification**

• Camopedia

A comprehensive, accurate, and academically-supported database referencing all of the

major military and paramilitary camouflage patterns that have been in use around the world since the beginning of the 20th century.

CamouflageIndex

An index of the different types of camouflage used by militaries around the world.

• Uniform Insignia

International Encyclopedia of uniforms and insignia from around the world. Find illustrations, rank insignia, badges and functional labels.

• AllBadges

The worlds largest database of military badges and medals.

## **International Arms Trade**

• DSCA Major International Arms Sales

A catalog of international weapon sales and arms deals.

• SIPRI Arms Transfers

Contains information on all transfers of major conventional weapons from 1950 to now. It is a unique resource for researchers, policy-makers and analysts, the media and civil society interested in monitoring and measuring the international flow of major conventional arms.

• ConflictArm Publications

Supplies unique evidence on weapon supplies into armed conflicts in order to inform and support effective weapon management and control. Offers field guides, identification guides and more.

• SIPRI International Arms Embargoes

This archive contains information on all multilateral arms embargoes that have been implemented by an international organization, such as the EU or UN, or by a group of nations. It includes both legally binding embargoes and those that are solely political commitments.

Mapping Arms Data

MAD features over 35,000 records of the exports and imports of small arms and ammunition from more than 262 states and territories between 1992 and 2014.

• Arms Trade Statistics

International arms export licenses and statistics.

ArmsGlobe

This visualization includes over 1 million individual import and export data points from annual custom reports and maps the transfer of small arms, light weapons and other munitions.

# **Government Information**

## **General Information**

• <u>LittleSis</u>

A watchdog network connecting the dots between the world's most powerful people and organizations. Offers a free and searchable database of who-knows-who at the heights of business and government.

• EmbassyWorld

A directory of embassy locations and contact information for different embassies from around the world.

• Helpline Embassy Database

Another database of worldwide embassies.

• World Press Freedom Index 2021

Index of how much freedom the press actually has per country.

## **Identification, Licenses and Personal Documents**

## **Passports and Travel Documents**

#### • Edison Travel Documents

EdisonTD is a database containing information about travel and travel-related documents from almost every country on the globe.

#### • Passport Index

An interactive platform that curates, sorts and ranks the world's passports. Explore passport designs, colors and VISA scores.

#### • Henley Passport Index

A global ranking of countries according to the travel freedom of holders of their ordinary, opposed to diplomatic, passport holders.

### • Worldwide Passport Stamps

A list of current entry and exit passport stamps issued by each major airport in each country.

#### VISA Index

A portal for all information related to passport rankings and visa-free travel opportunities.

• Machine Readable Passport

A Wikipedia page with information regarding machine-readable travel documents (MRTDs).

#### • NIDC ID Database

Here you will find descriptions of and links to applicable ID databases, which include copies of ID, travel and breeder documents. Some databases are reserved for law enforcement, while others are publicly accessible.

### **Identification and Licenses**

### General

#### • World's Vehicle Documents

A massive collection of identification, licenses and other personal documents from around the world. Made up of members of all police forces and has the main purpose of creating an information tool that is useful to those who do deal with the fight against illicit vehicle trafficking, document fraud and human trafficking. Click <a href="here">here</a> for an Italian to English translation.

#### PRADO

Documents of member states of the European Union in alphabetic order of the three-letter country codes used in travel documents, followed by documents of the other countries participating in <u>PRADO</u>.

### **Social Security Numbers [SSN]**

• Social Security Place of Issue Lookup

Allows you to search an SSN and see what location it was issued in.

Social Security Investigative Tool

This webpage describes the format of SSNs and how to decode them.

• Guide to Deciphering SSNs

An informative guide on how to decode SSNs

• [PDF] The Social Security Number From 1937-2018

A detailed account of the history and use of SSNs issued from 1937 to 2018. Archived copy available <a href="here(Library Genesis">here (Library Genesis)</a>.

• What Does Your SSN Say About You?

Great informative article about social security numbers.

## **Country Specific**

#### **Australia**

- Western Australia Driver's License Status Enquiry
   Search for relevant information regarding a Western Australian issued driver's license.
- Queensland Driver's License Status Check
   Search for relevant information regarding a Queensland issued driver's license.

### **Belgium**

• CheckDoc

This website enables you to verify in real time whether a Belgian identity document is known to the authorities as being stolen, lost, expired, invalid or never issued. Requires registration.

### **Bulgaria**

• Personal Document Validity Check

Check the validity of Bulgarian identity cards, driver's licenses, passports, EU citizen certificates, refugee status cards, seaman passports and more.

• BGR PIN Number Check

Check the validity of a Bulgarian single civil number (PIN). Click <u>here</u> for a Bulgarian to English translation.

#### Canada

• BC Security License Verification

A simple tool where you can confirm the validity of a security workers license and security business licenses for the province of British Columbia.

### **Czech Republic**

• Invalid Document Search

A search tool to confirm the validity of a identification card, passport or a firearms license issued by the Czech Republic government.

### **Estonia**

• <u>Document Validity Check</u>

Search by document number to confirm the validity of an Estonian identification document.

• Residency Permit Validity Check

A search tool to check the validity status of a Estonian residency permit.

#### Greece

Passport Query System

This tool will let you know if the number you enter represents a passport sought as wanted.

• Useful Passport Tools

A list of other useful tools regarding Greek passports.

#### **Iceland**

• Security of Icelandic Passports

Contains information regarding the construction and security features of Icelandic passports.

### Italy

#### • Stolen and Lost Identity Documents

Search a document number to identify if that document has been reported as lost or stolen. Includes identity cards, electronic identity cards, driver's licenses, passports and other documents.

#### Latvia

• Invalid Document Check

Search via document number to see if that document is still valid or has expired.

### Norway

• [PDF] Control Guide for Norwegian Passports

This document provides security information for Norwegian passports. Archived copy available <a href="here">here</a> (Wayback).

• [PDF] National ID Card Control Guide

This document provides security information for Norwegian national identification cards. Archived copies available <a href="here">here</a> (Wayback).

#### **Netherlands**

• Dutch ID Cards for Aliens

A site that displays information and security features for Dutch identity cards and documents.

### Malta

• [XLSX] List of Maltese Passport Buyers

The latest list of Malta "golden passport" buyers, as well as naturalized citizens. Updated database from 2014 to 2020. Click <a href="here (Wayback)">here (Wayback)</a> for an archived version. Click <a href="here (wayback)">here (Wayback)</a> to download an offline copy in XLSX format.

#### **Poland**

• Driver's Qualification Check

You will see what permissions to drive vehicles are on the document along with their expiry date. Also allows you to check the current status of a Polish driver's document.

• Polish ID Card Information

Contains plenty of information regarding Polish ID cards. Click <u>here</u> for a Polish to English translation.

• Polish Passport Information

Contains plenty of information regarding Polish passports. Click <u>here</u> for a Polish to English translation.

#### Russia

Passport Validity Check

Check the validity of a Russian passport. Click here for a Russian to English translation.

• Invalid Passport Check

Check the list of invalid Russian passports. Click <u>here</u> for a Russian to English translation.

#### Slovakia

• Stolen Document Search

Search a database to identify stolen identification documents. Click <u>here</u> for a Slovak to English translation.

#### Slovenia

• Stolen Personal Document Search

Search for stolen, lost or missing Slovenian personal documents. Such as passports, ID cards, driver's licenses, border transit passes, firearms licenses and residency permits.

#### Sweden

• Passport Validity Check

Check the validity of Swedish passports and national ID cards online.

Upplysning

Allows you to discover get hold of various tax information, and in some cases, people's Personnummer (Swedish social security number). Requires registration.

### **United Kingdom**

• ID Document Validation Guide

A nice guide for learning how to identify the legitimacy of a UK identification document.

• Driver's License Check

Enter a UK driver's license number and check the validity of the license.

• Check Your Driver's License

This service of course will only work for you're information. Still worth mentioning if you are from the UK.

#### Ukraine

• Invalid Document Check

Search for invalid personal documents issues by the government of Ukraine. Including passports, national ID cards, refugee status cards, residency permits and more.

# **Dictionaries, Translation and Decoding**

## **General Translation**

• Google Translate

Translate text, documents and websites from any language into any other language.

• DeepL Translator

Translate text and full document files instantly using Al.

Yandex Translate

Synchronized translation for 100 languages, predictive typing, dictionary with transcription, pronunciation and usage examples, and many other features.

• Translation2

Another free online translation tool.

Typelt

Handy keyboard shortcuts that take zero time to learn. Allows you to switch between languages while typing.

Morse Code Translator

A simple tool that allows you to translate Morse code into readable text.

• Stars21

Combines translators from Google, Bing, Baidu, Yandex and more into on simple tool.

• [PDF] Regional Naming Conventions

This document describes the different naming conventions used in a variety of different languages. Archived copies can be found <a href="https://example.com/here/wayback">here (Wayback)</a>.

Translit

A handy Cyrillic transliteration tool. This will come in handy when working with Russian, Belarusian, Ukrainian, Armenian names.

• <u>Lingva</u>

Alternative front-end for Google Translate, serving as a Free and Open Source translator with over a hundred languages available.

## **General Dictionaries**

<u>Ethnologue</u>

Discover and research the world's 7,139 known living languages.

<u>Urban Dictionary</u>

A crowd-sourced dictionary for common online and urban slang.

• Emojipedia

An encyclopedia of emojis.

• Smart-Words

A dictionary of abbreviations and acronyms commonly used in SMS and chat rooms. Mostly for the boomers.

## **General Cracking and Decoding**

CyberChef

One of the best online tools for decoding and encoding texts and files. Created by the GCHQ.

dCode

An online toolkit for decoding messages encoded in many different types of ciphers.

• <u>Cryptii</u>

Modular conversion, encoding and decoding toolkit.

• RapidTables

A collection of tools for conversion and decoding.

• Hashes

Crack MD5, SHA1, MySQL, NTLM, SHA256 and SHA512 hashes online.

• <u>CrackStation</u>

CrackStation uses massive pre-computed lookup tables to crack password hashes. Supports LM, NTLM, md2, md4, md5, md5(md5\_hex), md5-half, sha1, sha224, sha256, sha384, sha512, ripeMD160, whirlpool, MySQL 4.1+ (sha1(sha1\_bin)), and QubesV3.1BackupDefaults.

<u>EpochConverter</u>

A free online tool that converts Unix timestamps into human readable format.

# **Miscellaneous**

• OH SHINT! Blog

Yep, it's an OSINT blog. This is where you are now.

MonologueDB

Online collection of monologues from movies, TV shows, plays and more. Includes transcripts and video clips.

What Tree Is That?

An interactive tool that helps identify a certain type of tree by asking a few questions.

#### • <u>eBird</u>

A database of birds. Offers an interactive map of bird species, searchable database of sounds and photos, hotspot maps and more.

#### • FakeSpot

Spot and avoid shady sellers, products with dishonest reviews and scam websites for free. Available as a website, Android and iOS application, Firefox add-on and as a Google Chrome extension

#### • Six Degrees of Wikipedia

Interesting tool that shows you a graph of the shortest paths from one Wikipedia topic to another. Mostly useless, but still worth mentioning.

#### WikiLess

A privacy focused alternative to Wikipedia. Basically Wikipedia without all of the invasive tracking.

#### • <u>VidGrid</u>

Allows you to stream multiple live news feeds, YouTube channels and music stations at once on a single page.

#### • <u>VideoIndexer</u>

Analyze and search videos for recognized faces, text and items. Requires registration, for best results, a paid subscription is required.

#### • Barcode Reader

A free online tool that allows you to scan barcodes and QR codes.

#### • 4QRCode

A simple online QR code scanner. Scan either via camera or by uploading a image containing a QR code.

#### • <u>BrickInstructions</u>

Lose the instructions for your favorite LEGO set? Don't panic! BrickInstructions has you covered!

#### • <u>MobilePhoneMuseum</u>

A catalogue of mobile phones.

