## **INVISIBLE WEB**

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# CONSIDERAÇÕES INICIAIS

SEGURANÇA

**PRIVACIDADE** 

**APOLOGIA** 

# INTRODUÇÃO

Existem vários repositórios de informações que os motores de buscas não conseguem enxergar, ou seja, diferente das páginas convencionais e visíveis, a invisible web, termo dado a este tipo de prática, tem sua base de dados inacessível aos softwares que criam os índices dos motores de busca.

# A PAISAGEM DE DADOS ESTRUTURADOS

Unstrucconsultasemais precisas para o motor de busca.

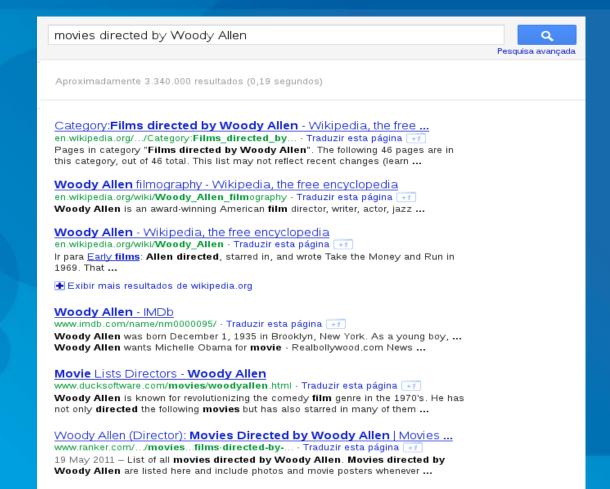
Estas tarefas são mais ambiciosas que o conjunto anterior. Single-page structured queries

cam consultas (palavra-chave) e obtem uma lista de URLs de páginas web

Multi-page structured queries

## **EXEMPLOS**





## PARA DEEP WEB

Os dados são claramente úteis para unstructured queries e single-page structured queries, que retornam URL's como resultados.

# ORGANIZAÇÃO

O conteúdo dessa zona se caracteriza por não ser indexado, não existem ligações/links externos, protegido por senha ou criptografado, scripts e conteúdo não HTML.

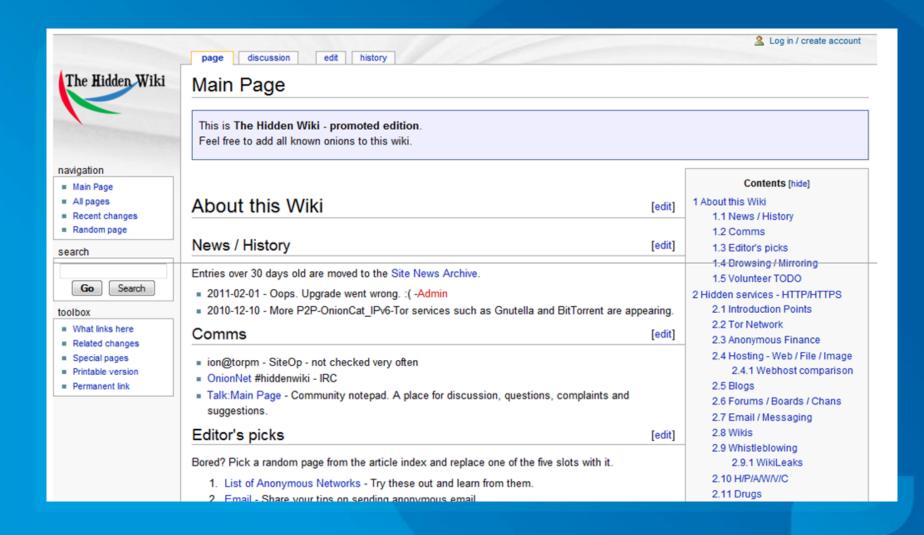
# ORGANIZAÇÃO

Quando estes sites são consultados, o retorno é de forma de páginas web dinâmicas que tem um endereço único que permitem que eles sejam recuperados mais tarde, porém não são persistentes.

# The Onion Routing



## **CASOS**



## .onion

### tor2web: visit anonymous websites

Tor is a software project that lets you use the Internet anonymously. to r2web is a project to let Internet users access anonymous servers.

Here's how it works: Imagine you've got something that you want to publish an onymously, like <u>the Federalist Papers</u> or <u>leaked documents from a whistleblower</u>. You publish them via HTTP using a <u>Tor hidden service</u>; that way your anonymity is protected. Then people access those documents through tor2web; that way anyone with a Web browser can see them.

#### Getting started

Whenever you see a URL like http://duskgytldkxiuqc6.onion/, that's a Tor hidden Web service. Just replace .onion with .tor2web.org to use the tor2web proxy network. Example:

#### https://duskgytldkxiuqc6.tor2web.org/

This connects you with tor2 web, which then talks to the hidden service via Tor and relays the response back to you.

**WARNING:** tor2web is only intended to protect publishers, *not readers*. You won't get the level of an onymity, confidentiality, or authentication that you would get if you were using a Tor client yourself. Using tor2web trades off security for convenience; install Tor for better results. (More details...)

# OpDarknet Official Release -- 10/30/2011 - Pedo hunt trophies, Bear Rugs for Mike Perry

- Lolita City and Freedom Hosting;
- 30 hours;
- To our shock, the community of pedos were able to quickly regroup and rebuild Lolita City and Freedom Hosting within a week;
- True identity of the builder and architect of Freedom Hosting;
- What we found was truly shocking, it was the deeds to a California, USA 'shell' company for 12 Tor Exit Nodes named Formless Networking LLC.

## WTF?



- ★ About
- ★ Services
- ★ Cost
- ★ How It Works
- ★ Get Organized
- ★ Contact Us
- ★ Privacy



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## "Mike Perry"

- Freedom Networking LLC has the Apache backend.
- Freedom Hosting server has ngnix front cache to proxy a backend Apache with PHP safemode on...
- Tor Security expert who fixed hidden service IP enumeration bugs
- Freedom Server has as business IP internal NAT of 10.0.1.X
- Mike Perry run's 12 Tor exit nodes under a shell company under Formless Networking LLC

# Demonstração com o Free Net Project



#### Freenet

Browsing

Forums

Community

Filesharing

Friends

Status Configuration Key Utils

#### My bookmarks[Edit]

#### Directories of websites on Fre

Linkageddon (Links to all Fr AFKindex (Freenet sites so

The Ultimate FreeNet Index

Index des sites Français (In

#### Freenet related software and

Freenet Message System (

Freemail (Email over Freen

Publish! (How to publish we

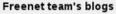
Freesite HOWTO (Another

Sone (Social chat over Free

¡Site (Essential tool for uplo

Freenet Documentation Wil

Freenet Wiki Frontpage (OI



Toad (Chief Freenet developer's personal blog)

Messages: 3 Minor

English | Switch to advanced mode | Security levels: NORMAL HIGH

EXCELLENT

## Links

- http://www.onion-router.net/
- http://freenetproject.org
- http://ncaio.ithub.com.br/2011/07/18/introducao-a-invisible-web/
- http://pastebin.com/u/opdarknet
- http://www.fscked.org
- http://www.taxninja.com/