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Chapterthon 2021

# isTrust

A free service for Internet community users and chapters

Internet Society Belgium Chapter  
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## isTrust is addressing several needs

- **Users and trust on Internet:** how to trust a website? What about phishing, DNS Abuse, fake or unsecured websites, and more?
- **Internet Society Chapters** looking to offer a service to the community, attract members and build a relationship with a sustainable approach and business model.
- **Internet Society's global objectives** of open standards everywhere, encryption and Internet Way of Networking.

## isTrust is:

- a freeware, open-source browser add-on (Firefox, Chrome, Edge...)
- enabling users to visit Internet websites in full trust (domain name holder, check DNSSEC signature, https certificate...)
- supporting multiple languages (3 to start)
- linking users to the closest Internet Society Chapter
- privacy by design
- sustainable, with strong business model
- addressing long-standing issues with unique value proposition
  
- the start of a journey, with a minimum viable product ready

# 2 examples of use

The image displays two browser screenshots with isTrust popups overlaid. The left screenshot shows the Belgium.be website with a popup containing domain and security information. The right screenshot shows the eubusinessregister.net website with a similar popup. Both popups include a settings gear icon and an information icon at the bottom.

**isTrust popup for Belgium.be:**

- Domain**
  - 22 March 1995
  - 25 May 2021
  - FOD Kanselarij van de Eerste Minister
- Security**
  - Communication secured
  - Federale Overheidsdienst Beleid en Ondersteuning

**isTrust popup for eubusinessregister.net:**

- Domain**
  - 13 May 2019
  - No organisation
- Security**
  - http → https

Link to local chapter's website based on user's location

# Users and Trust on Internet



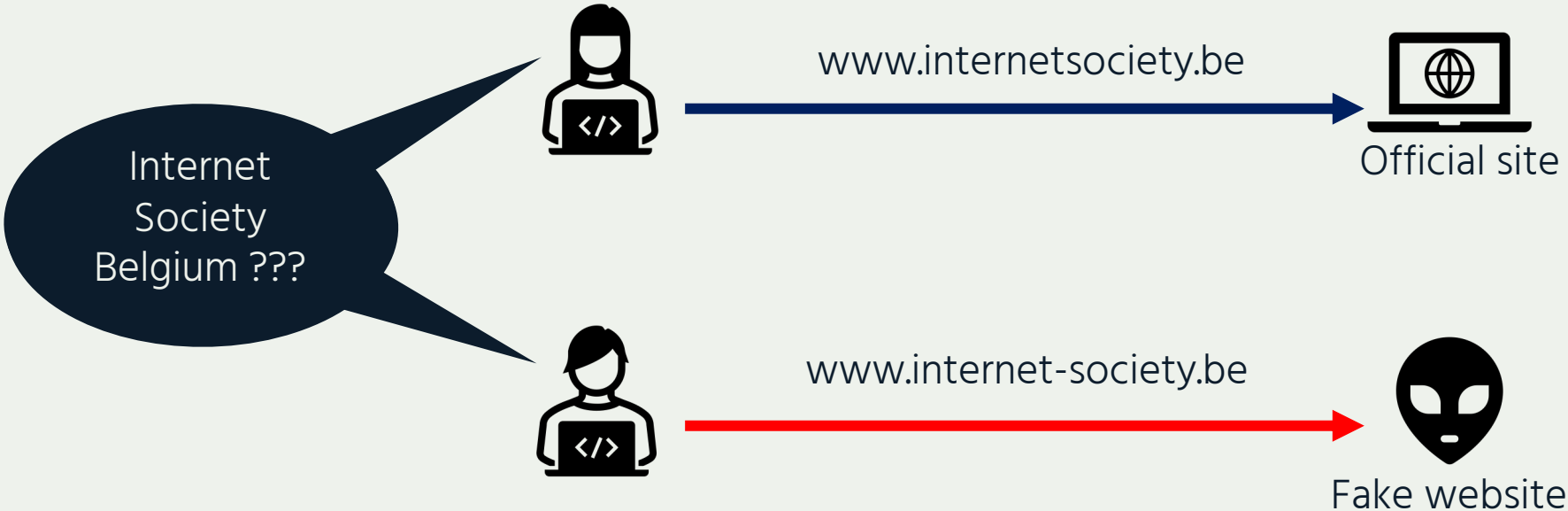
# Internet User Community needs

In our understanding, priorities for Internet Users are, in this order:

1. Access to the Internet
2. Security, Privacy and Trust
3. Content related & services

The browser add-on answers to second priority needs.

# DNS Abuse and phishing : an example



How to be sure to visit a site in full trust ?



# DNS Abuse (Domain Names) : a long-standing issue...

## DNS abuse

There was a sense of frustration amongst the members of the ICANN community who were present at the ICANN70 meeting when it comes to tackling the issue of DNS abuse. Several constituencies, including the GAC, ALAC and BC expressed their (...) of DNS abuse recommendations within the SubPro

Source: [CENTR Report on ICANN70](#)

**DNS Abuse Remains #1 Public Safety Priority**

ICANN | GAC  
Governmental Advisory Committee

Source: [gac.icann.org](http://gac.icann.org)

## DNS abuse: more needs to be done

The headline message from ICANN 70 regarding DNS abuse is that ICANN and contracted parties are not doing enough to combat abuse. Comments of this nature were heard repeatedly throughout the meeting, including in Governmental Advisory Committee (GAC) sessions on DNS abuse, in discussions between commercial stakeholders and contracted parties, and in the ICANN 70 public forum, among other sessions.

Source: [WorldTrademarkReview](#)



# How to install ?

This browser add-on is currently under submission on various stores. In the meantime:

1. Go on <https://github.com/Internet-Society-Belgium/isTrust/releases> to download the latest release (.zip file)
2. Install the browser add-on on
  1. Mozilla Firefox : [how-to](#)
  2. Google Chrome : [how-to](#)
  3. Microsoft Edge : [how-to](#)
3. Use it and keep us posted with the feedback feature or by email ([istrust@isoc.be](mailto:istrust@isoc.be))

# Chapter needs



# Internet Society Chapter needs

Some challenges:

- How can chapters engage with the community ?
- How to gather volunteers and attract new forces ?
- How to do this with a sustainable business model ?

isTrust contributions:

- a useful tool for Internet users, free of charge, reusable and extendable
- Connecting users with their local chapter: users from Belgium will go to Belgian website, but users from another country will go to the chapter of their country;
- For countries with multiple chapters, the closest one will be proposed (India, Spain, US,...);
- All chapters have been encoded
- Localized – in the first version in English, Dutch and French, easily extendable

# Documentation link

To translate in your local language:

- <https://github.com/Internet-Society-Belgium/isTrust/wiki/Internationalization>

Main public repository address:

- <https://github.com/Internet-Society-Belgium/isTrust>

If you need assistance, contact [istrust@isoc.be](mailto:istrust@isoc.be)

# Internet Society global objectives

isTrust contribution



# Internet Society global objectives

isTrust, contributes to following objectives:

- **Open Standards Everywhere** / for web servers, as checking https connection, certificates, and DNSSEC (🔒 icon next to domain, like on twitter)
- **Encryption** : for the same reasons, as promoting use of encryption to build trust;
- **Internet Way of Networking**: we made the IWN exercise, being positive as our tool comes with open-source building blocks, enforce official DNS (data from IANA), is working as much as possible with a decentralised architecture (browser addon)
  - Next improvement : contact local governments and other country domain name extensions (cTLD) to enrich the tool with a multistakeholder approach.

# STATUS & ACTION PLAN

[istrust@isoc.be](mailto:istrust@isoc.be)

[www.internetsociety.be/project/istrust](http://www.internetsociety.be/project/istrust)



# isTrust Minimum Viable Product : current status

- Working everywhere, multi-browsers, multi-platforms
- Link to all ISOC local chapters, including latest one (welcome Poland!)
- Publication on stores in progress (Mozilla firefox, Google Chrome, Microsoft Edge)
- Transfer of server side (API) from development to production still to be done
  
- Analyses all gTLD domains (.com, .org, .info, .green,...) : 100% done
- Coverage of country top level domains (cTLD) :
  - “.be” done in collaboration with DNS Belgium;
  - for others, you can propose developments or reach us for assistance;
  
- Localisation (taking browser’s language): English (default), Dutch and French covered;
  - expandable, submit on GitHub or contact us.



# isTrust needs you

- Do you want to participate to the project ?
- Don't wait, vote for the isTrust project and join us today

More info:

- GitHub: <https://github.com/Internet-Society-Belgium/isTrust>
- Project: <https://www.internetsociety.be/project/istrust/>
- Email: [istrust@isoc.be](mailto:istrust@isoc.be)
- Note: **isTrust.org** has been booked to make it a more global project

Create change  
and VOTE now  
for our project.



Internet Society  
Belgium Chapter



# Thank you.

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