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<https://www.frogans.org/en/main.html>



FROGANS

TECHNOLOGY

European Commission – Brussels
Next Generation Internet

Building the Internet of the Future

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Building the Internet of the Future

frogans

福更斯

フロガンズ

프로강스

فروجنز

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At a glance

- Our vision of the "Internet of the future"
- A new software layer on the Internet:
 - designed for humans
 - released as an open standard
 - with permanent objectives
 - covering all fields of activities
- A clear legal and technical framework for all stakeholders
- A project originated in Europe with a global reach
- OP3FT roadmap overview
- Contribution of the European Commission?

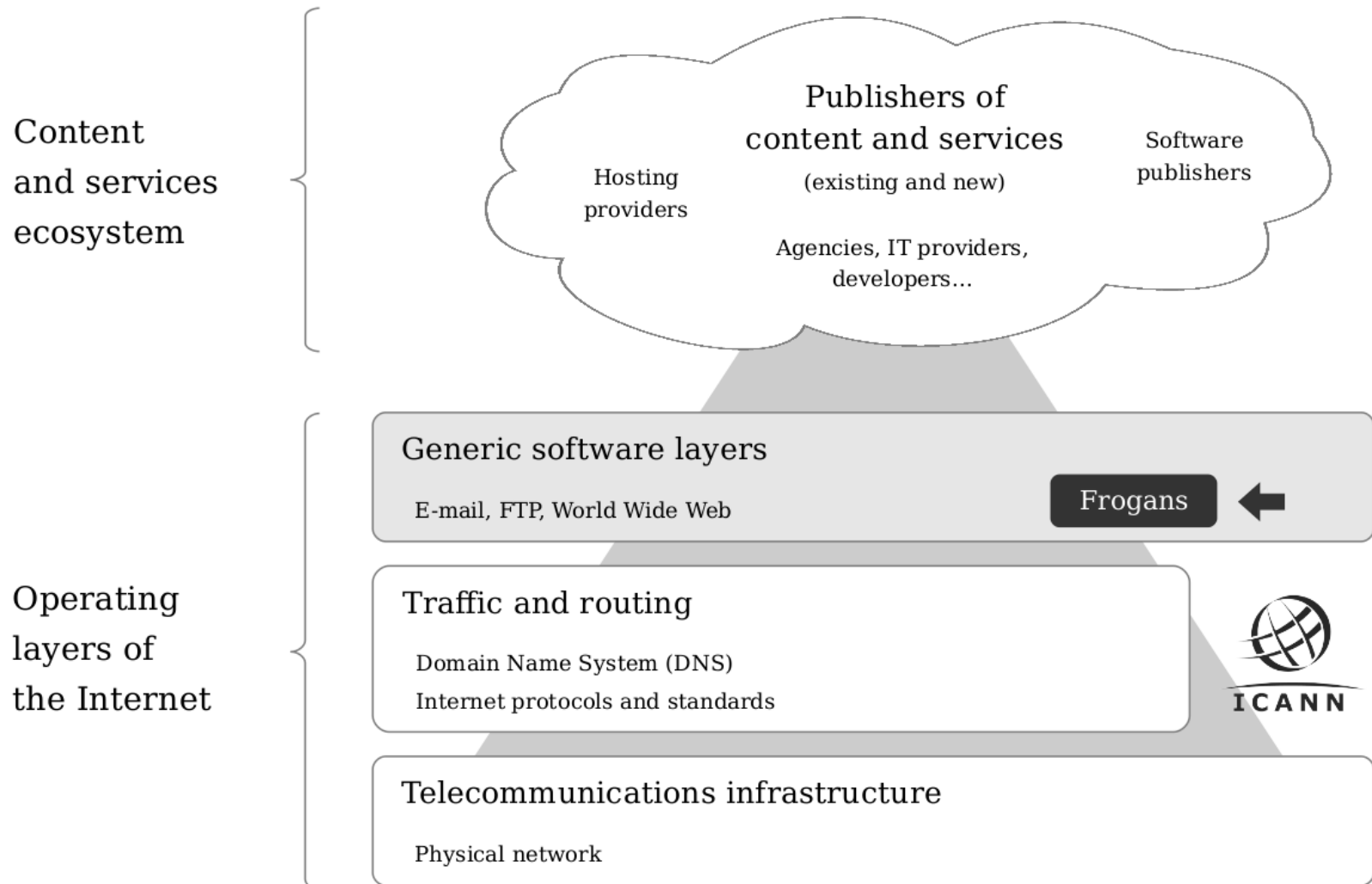
Our vision of the "Internet of the future"

- We believe that:
 - Internet users should not be dominated by the technology they use and that they should have **full control over aspects of the technology** that can directly impact their lives
 - a **new paradigm** is needed for allowing end users to access content and use services on the Internet in a **simpler and more secure way**, regardless of their language, type of device, or network connection
 - in its aim to shape the future Internet, **Europe can play a key role** by supporting the **Frogans technology**, an open, universal, resilient, secure, and safe technology for publishing content on the Internet

A new software layer on the Internet

- Frogans technology enables the implementation of a new **generic software layer** on the Internet, called the **Frogans layer**, alongside other existing software layers such as E-mail (1972) or the Web (1989)
- **Frogans technology** introduces:
 - a new type of online content, called **Frogans sites**
 - new software to navigate Frogans sites, called **Frogans Player**
 - new Internet identifiers for Frogans sites, called **Frogans addresses**
- The development of Frogans technology, started in 1999, has benefited from **€30M** in private funding to date (technical specifications, reference implementations, usage policies, addressing system infrastructure)
- This is the **first time** that a generic software layer for publishing content on the Internet has been introduced since the **World Wide Web** invented in 1989 by **Tim Berners Lee** at CERN in Geneva

A new software layer on the Internet



Designed for humans

- From the beginning, the **end-user experience** when using Frogans sites was designed to be **fundamentally different** from that when using Web sites
- For **end users**, the Frogans technology:
 - is **invisible**: no tech is apparent, content floats on the screen
 - is **universal**: no fragmentation, identical appearance on all devices, loads quickly over any network
 - is **safe**: no need to take care of complicated security matters, there is a new end-to-end security model (from network protocols to file formats)
 - **protects privacy**: no cookies, no information leaked behind the user's back, end users are in control of their personal data
- Frogans addresses are **short and simple**. They can be registered in **179 languages**

Designed for humans

frogans*SkydiveTour



FREE FALL
NO LIMITS. NO FEAR.
ONLY ONE THING. ADRENALINE.

SKYDIVE

TRAINING TANDEN JUMP

VIEW OUR TOURS LIST

OUR TEAM

SNEAKERS FLYSKY 360°

PINK LIFE SKY

```
1 <?xml version='1.0' encoding='utf-8'?>
2
3
4 <frogans-fsdl version='3.0'>
5   <!-- navigation files-->
6   <file fileid='next_f' nature='static' name='/s2.fsd' />
7
8   <!-- Create references to image files-->
9   <file fileid='bk_f' nature='static' name='/fond.jpg' />
10  <file fileid='bk_msk_f' nature='static' name='/mask.jpg' />
11  <file fileid='shad_f' nature='static' name='/ombre.png' />
12  <file fileid='buttons_f' nature='static' name='/buttons-s1.png' />
13  <file fileid='buttons_o_f' nature='static' name='/buttons-s1-0.png' />
14  <file fileid='vignette_f' nature='static' name='/vignette-s1.png' />
15
16
17   <!-- Create an image resources-->
18   <resimage fileref='bk_f' resid='bk_r' size='640,480' />
19   <resimage fileref='bk_msk_f' resid='bk_msk_r' size='640,480' />
20   <resimage fileref='shad_f' resid='shad_r' size='640,480' />
21   <resimage fileref='vignette_f' resid='vignette_r' size='640,480' />
22
23
24
```

For smartphones, tablets,
computers and more.

frogans*FlySky360

Released as an open standard

- The OP3FT is a French **non-profit organization**, founded in 2012, whose purpose is to hold, promote, protect and ensure the progress of Frogans technology, in the form of an **open standard** for the Internet, **available to all, free of charge**
- The ongoing development of Frogans technology is conducted in a **neutral, open and transparent manner**, with access **guaranteed to all**. This development is open to third-parties through both a **contributor policy** and **public consultations** called for by the **OP3FT Bylaws**
- The OP3FT is **independent**, including from lobbying or other political activities, and from private companies
- The **OP3FT's resources** for financing its **public-interest mission** come from the **operating license** granted by the OP3FT to the Frogans Core Registry Operator (STG Interactive S.A. in Paris) under a delegation agreement

Building the Internet of the Future

With permanent objectives



Balancing relations between Frogans site publishers and end users

The Frogans project aims to provide new ideas and solutions that respect end-user interests, including their privacy, while regularly presenting new additional and creative functionalities to Frogans site publishers.



Assuring that the Frogans technology remains both secure and simple

The Frogans project aims to continuously innovate, while assuring that no decision, at any level, will undermine the essential characteristics of the Frogans technology: its security and its simplicity.



Elaborating specifications, implementations and policies as a coherent whole

The Frogans Project aims to ensure the stability of the Frogans technology for all its users throughout the world, by elaborating in a coherent manner its technical specifications, its reference implementations and its policies.



Fostering employment, innovation and economic development

The Frogans project aims that an ecosystem flourish on top of the Frogans technology, by providing all stakeholders, including entrepreneurs, with an open, stable and durable environment for developing and successfully managing their activities.

Building the Internet of the Future

Covering all fields of activities

Industrial Internet

IoT

e-Commerce

Connected cars

e-Government

Smart Energy

e-Citizenship

Transportation

e-Banking

Smart Homes

e-Learning

Interactive TV

Social Media

Connected Health



Personal publishing

etc.

A clear legal framework for all stakeholders

- Frogans Technology User Policy
- Frogans Technology Development Contributor Policy
- UDRP-F Policy
- OP3FT Trademark Usage Policy
- OP3FT Privacy Policy
- Reserved Terms for the registration of Frogans addresses

A secure technical environment

- .frogans TLD on top of DNS
- FSDL (Frogans Slide Description Language)
- FNSL (Frogans Network System Language)
- FACR (Frogans Address Composition Rules)
- Frogans Player
- and more: UCSR, UDSM, FSDL software library, etc.

A project originated in Europe with a global reach (1/2)

- The OP3FT has partnered with **organizations around the world** in order to ensure the **stability** and **long-term existence** of the Frogans layer:
 - **ICANN** (Internet Corporation for Assigned Names and Numbers) through the delegation of the **.frogans TLD** whose purpose is to ensure the security, stability and reliability of the Frogans layer for the benefit of all Internet users
 - **Afnic** (French registry of .fr domain names) which is the **back-end registry** for the .frogans TLD
 - **ADNDRC** (Beijing, Hong Kong, Seoul, and Kuala Lumpur) and **FORUM** (United States) which provide **dispute resolution** for Frogans addresses under the **UDRP-F**

A project originated in Europe with a global reach (2/2)

- More than 30 organizations ready to provide Frogans address **watch services** in Europe, the Americas, Africa, Asia and Oceania
- **User communities** are starting to emerge, e.g. in **Africa** (Ivory Coast, Burkina Faso)
- The OP3FT plans to open a **local branch** in Beijing, called OP3FT 中国 , whose mission will consist in being attentive to the **Chinese Internet ecosystem** and in contributing, locally, to the **production** and **promotion** of Frogans technology

OP3FT roadmap overview

2017

- Release of Frogans technology in Beta version
- Opening of the Frogans Core Registry to Internet users
- Promotion of Frogans technology worldwide
- Preparation of the Frogans Innovation Layer Challenge
- Preparation of the next R&D phase (*)

2018

- Release of new versions of Frogans technology
- Opening of OP3FT 中国
- Promotion of Frogans technology worldwide
- Preparation of the Frogans Innovation Layer Challenge
- R&D (*)

2019

- Release of new versions of Frogans technology
- Opening of new local branches of the OP3FT
- Frogans Innovation Layer Challenge
- Promotion of Frogans technology worldwide
- R&D (*)

Contribution of the European Commission? (1/2)

- Rationale for the European Commission's contribution:
 - The Frogans project is a **game-changer** for the future Internet. It matches the **European Commission's priority** for enhancing Europe's position as a **world leader in the digital economy**
 - The Frogans technology creates new business opportunities for **European companies**. They can provide people with **better services** via an open-standard technology that is **safe** and that **respects their privacy**. They can take leading positions in this new Internet layer
 - The Frogans technology is **coherent, open** and **transparent**. It reflects the European social and ethical values: **free, open** and **more interoperable**

Contribution of the European Commission? (2/2)

- The EU could provide financing to **accelerate the efforts** of the non-profit OP3FT, for example to support:
 - The creation of **radically new functionalities** with Frogans technology
 - The **promotion** of Frogans technology **in Europe**
 - The worldwide **Frogans Layer Innovation Challenge** (EU+15 countries)

References

- The OP3FT's Web site:
<https://www.op3ft.org/>
- The official Web site of the Frogans technology:
<https://www.frogans.org/>
- Frogans Technology Conferences:
<https://conference.frogans.org/>
- Using the .frogans TLD:
<https://nic.frogans/>
- The UDRP-F and its Rules of procedure:
<https://www.frogans.org/en/resources/udrpf/access.html>
- Directory of Frogans address watch providers:
<https://fcr.frogans/en/resources/fawp-directory/access.html>