

FIC 2016 – Master Class (MC 10)

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Frogans technology: Making the publication of data on the Internet secure

Julie Laurent-Ledoux, Legal Manager, OP3FT
julie.laurent@op3ft.org

Alexis Tamas, co-inventor of the Frogans technology
alexis.tamas@op3ft.org



This presentation is available for download here:

English version:

<https://www.frogans.org/en/resources/presentations/access.html>

French version:

<https://www.frogans.org/fr/resources/presentations/access.html>

AGENDA OF THE MASTER CLASS

I. Discovering the Frogans project

II. Publishing Frogans sites

Discussion

I. Discover the Frogans project

- I.1. What is the Frogans technology?
- I.2. The Frogans technology is developed by a non-profit organization
- I.3. The four permanent objectives of the Frogans project
- I.4. A clear legal framework for all stakeholders
- I.5. A secure technical environment available to all

I.1. What is the Frogans technology?

A secure and simple technology for publishing content on the Internet

- Frogans Sites
- Frogans Addresses
- Frogans Player software

Released in the form of an open standard,
available to all, free of charge

I.2. The Frogans technology is developed by a non-profit organization

- OP3FT
- Acting in the public interest
- French *fonds de dotation* (endowment fund)
- Non-expendable endowment
- Independence

I.3. The four permanent objectives of the Frogans project

- Balancing relations between Frogans site publishers and end users
- Assuring that the Frogans technology remains both secure and simple
- Elaborating specifications, implementations and policies as a coherent whole
- Fostering employment, innovation and economic development

I.4. A clear legal framework for all stakeholders

- Frogans Technology User Policy
- Frogans Technology Development Contributor Policy
- UDRP-F Policy: FORUM and ADNDRC
- OP3FT Trademark Usage Policy
- OP3FT Privacy Policy

I.5. A secure technical environment available to all

- “.frogans” TLD: ICANN and Afnic
- Method
- FSDL (Frogans Slide Description Language)
- FNSL (Frogans Network System Language)
- FACR (Frogans Address Composition Rules)
- Frogans Player

II. Publishing Frogans sites

II.1. Today's means for publishing content online

II.2. Why a new layer?

II.3. Experiencing the navigation of Frogans sites

II.4. A secure technology designed to spread quickly everywhere

Before we start... a quick review of the Internet design

3.2 billion end-users
browsing **170+** million Web sites
(any size, any subject, anywhere)



The
operating
layers
of the
Internet

Generic application layers:
E-mail, IRC, FTP, Web

Traffic and routing

Telecommunications infrastructure

II.1. Today's means for publishing content online

- Develop **Web sites**
 - using HTML/CSS/JavaScript, or
 - on top of a framework or a CMS
- Develop **mobile apps**
- Use publishing spaces on **social networks**

II.2. Why a new layer?

End-users avoid using Web sites on mobiles
End-users install a very limited number of apps

+

Publishers want to limit cost and complexity
Publishers want total control of their content

+

People are always looking for something new

Position of the Frogans layer in the Internet

3.2 billion end-users
browsing **170+** million Web sites
and **hundreds of millions of Frogans sites**
(any size, any subject, anywhere)



The
operating
layers
of the
Internet

Generic application layers:
E-mail, IRC, FTP, Web, **Frogans**

Traffic and routing

Telecommunications infrastructure

II.3. Experiencing the navigation of Frogans sites

- Find Frogans addresses



- **Enjoy it!**
 - **New shapes** for content
 - **Parallel surfing** experience
 - **Identical appearance** on all devices
 - **Fast-loading**, minimal resources
 - **Secure** navigation

→ **Sneak preview**

II.4. A secure technology designed to spread quickly everywhere

- ✓ Available to all **free of charge**
- ✓ **International**
- ✓ **Compatible** with existing systems
- ✓ Open to **third-party innovation**
- ✓ Released as an **open standard**
- ✓ Backed by a **non-profit organization**

Content stimulates content

To go further with Frogans technology

- <https://www.frogans.org/>
- Attend FTC 6 on February 16, 2016
- Participate in the first Frogans site creation contest
- Article (in English):
<http://www.observatoire-fic.com/the-frogans-technology-makes-the-publication-of-data-on-the-internet-secure/>
- Article (in French):
<http://www.observatoire-fic.com/la-technologie-frogans-securise-la-publication-de-donnees-sur-linternet/>