This presentation is more than one year old. Some parts may be outdated. You can find the latest information here:
Frogans as a new medium on the Internet

Jérôme Delacroix, Head of local branch development at the OP3FT
jerome.delacroix@op3ft.org

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

July 19, 2018
Frogans as a new medium on the Internet

frogans

福更斯

フロガンズ 프로강스 فروجنز

φρόγανς Τσανγ φρόγένσ

prepend

φρόγκανς
Frogans as a new medium on the Internet

At a glance

• A new open standard on the Internet developed by the OP3FT
• A new medium for publishing creative content on the Internet
• A new end-to-end security model for online publishing
• OP3FT 中国：building an Internet standard in China
• Current objectives
Frogans as a new medium on the Internet

A new open standard on the Internet developed by the OP3FT

- The OP3FT is a standards developing organization (SDO), founded in France in 2012, with a team of 30 people.
- The purpose of the OP3FT 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.
- At the OP3FT, we believe that netizens should not be dominated by the technology they use and should have full control over aspects of the technology that can directly impact their lives.
- For netizens, Frogans is a new medium for accessing content and using services in a simpler and more secure way.
Frogans as a new medium on the Internet

A new open standard on the Internet developed by the OP3FT

• 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
  
  • Afilias (Irish major gTLD registry) 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
Frogans as a new medium on the Internet

A new medium for publishing creative content on the Internet

- From a technical standpoint, the **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 Frogans technology implements a new **generic software layer** on the Internet alongside other existing software layers such as E-mail (1972) or the Web (1989).
A new medium for publishing creative content on the Internet

Frogans as a new medium on the Internet
Frogans as a new medium on the Internet

A new medium for publishing creative content on the Internet

For netizens, Frogans:

- 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 as a new medium on the Internet

A new medium for publishing creative content on the Internet
Frogans as a new medium on the Internet

A new end-to-end security model for online publishing

Key technical properties of the model:

• The identifiers of Frogans sites, called Frogans addresses, are secure by design.
• Connections to Frogans site servers are operated in a purely deterministic manner.
• The nature of the files conveying the content of Frogans sites is innocuous.
• Protective measures are applied systematically when treating files received from Frogans site servers.
• The software used to navigate Frogans sites is protected against malware
The OP3FT is switching to the spread of Frogans.

The OP3FT must ensure that the promotion and future development of the Frogans technology meet the needs of Internet users in all countries.

In some countries, the OP3FT plans to open local branches.

The OP3FT came to the conclusion that China was a country in which a local branch was required to fulfill its mission.

OP3FT 中国 is the first local branch to be opened by the OP3FT.
OP3FT 中国: building an Internet standard in China

- OP3FT 中国 will participate in the development and promotion of the Frogans technology.
- This mission will be carried out by a local team in Beijing.
- The team will:
  - do research and development
  - write technical specifications
  - produce source code
  - carry out tests
  - write documentation
  - write policies and contracts
  - etc.
Current objectives

- Complete the creation process of OP3FT 中国.
- Prepare Frogans technology working groups that will be managed by OP3FT 中国. These working groups will be open to participants of the Chinese technical community.
- Draw up projects for students in Chinese universities based on the Frogans technology.
Frogans as a new medium on the Internet

References

- The OP3FT's Web site:
  https://www.op3ft.org/

- The Web site presenting OP3FT 中国:
  https://china.op3ft.org/

- The official Web site of the Frogans technology:
  https://www.frogans.org/

- Frogans Slide Description Language (FSDL) 3.0 resources: