This presentation is more than one year old. Some parts may be outdated. You can find the latest information here: https://www.frogans.org/en/main.html
International Frogans Addresses
for ICANN 51 Attendees

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OP3FT's mission

TO HOLD

TO PROMOTE

TO PROTECT

TO ENSURE THE PROGRESS OF

Frogans technology

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

- OP3FT is a non-profit organization
- Develops the Frogans technology in the public interest
- Respectful of national laws
Frogans technology: A new software layer on the Internet

The three operating layers of the Internet

- **Generic applications**
  - E-mail, FTP, IRC, World Wide Web

- **Traffic and routing**
  - Domain Name System (DNS)
  - Internet protocols and standards

- **Telecommunications infrastructure**
  - Physical network

- A new step in the development of the Internet
- Allows the introduction of Frogans sites
- Uses the .frogans gTLD delegated by ICANN in order to function
Frogans sites: A new format for publishing content online

- Secure
- Smaller in size and weight
- Open to the creativity of publishers all around the world

LOREM IPSUM
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Truly multi-platform

- Same browsing experience and identical display on all devices
- Downloadable free of charge from the OP3FT
- Respectful of end-user privacy
Frogans addresses: new identifiers for Frogans sites

- Short and simple pattern
- Supports writing systems from all around the world
- Easily distinguishable thanks to the Asterisk character

Network-name*Site-name

Latin

Chinese

Cyrillic

Source: Google translate

اسم-شبكة*اسم-موقع

Arabic

شب-רשת*שם-אתר

Hebrew

+ Japanese, Korean, Devanagari, Thai, Greek
Frogans addresses: managing confusion

- Freedom in choosing network names and site names
- Raises potential security issues for end users
- The most important issue relates to spoofing
Multiple organizations and standards

- Extensive work has already been carried out
- Worldwide source of linguistic expertise
- Standards evolve frequently
A two-part model for specifying Frogans addresses

IFAP
- International
- Frogans
- Address
- Pattern

FACR
- Frogans
- Address
- Composition
- Rules

- Technical pattern
- Language-independent
- Long-term
- Implemented globally

- Security rules
- Language-related
- Updated as needed
- Implemented by the FCR Operator

- Called for by the OP3FT Bylaws
- Provides stability for a widely distributed and installed technology
- Provides flexibility and reactiveness demanded to solve security issues
Overview of the FACR specification

1. Introduction
2. Terminology
3. The need for new concepts
4. Rules for each linguistic category
5. Valid network names and site names
6. Generating convergence forms
7. Overlapping linguistic categories
8. Checking whether two network names are convergent
9. Checking whether two site names are convergent
10. Available linguistic categories
11. Future enhancements
12. References

Appendix A. FACR lookup tables
Appendix B. Pseudocode syntax
Appendix C. Assistance in implementing the specification

• Sets forth the composition rules applicable to Frogans addresses
• Rules apply to Frogans addresses that IFAP compliant
• Designed to meet the clarity and precision of Internet Standards (IETF)
Applying FACR to register Frogans addresses in the FCR

- Ten linguistic categories available in FACR 1.0
- Three linguistic categories are overlapping: Chinese, Japanese, Korean
- Two kinds of convergence forms: Intra-LC and Inter-LC

Sample network names:
nn1 = Bonjour
nn2 = Привет
Universities, language or technical experts all around the world are linked to the OP3FT to discuss local issues.

OP3FT Working Groups

- OP3FT tasked with instigating worldwide input
- Technical and local issues considered
- Local correspondents where possible
THANK YOU

Frogans

Фроганс

 프로강스

フロガンズ

Фрόγκανς

พระองค์  

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Links

- Welcome to the Frogans project
  https://project.frogans.org/

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

- International Frogans Address Pattern (IFAP) technical specification:
  https://www.frogans.org/en/resources/ifap/access.html

- The UDRP-F and its Rules of procedure:
  https://www.frogans.org/en/resources/udrpf/access.html

- The Frogans Technology Conference:
  https://conference.frogans.org/

- The Frogans technology mailing lists:
  https://lists.frogans.org/