Kazunori Fujiwara's Resume

* Skills summary

  - 20+ years experiences on UNIX and Internet related things,
    especially about DNS

  - Research and development of Internet technologies, computer systems

* Education

  - Ph.D degree (Engineering), University of Tsukuba, Japan, 2015
     Doctoral thesis title : DNS Traffic Analysis and Reduction of DNS Load

  - Master of Engineering, Electronics, WASEDA University, Japan, 1991

  - Bachelor of Engineering, Electronics, WASEDA University, Japan, ███

* Work experience

  - (Senior) Researcher, Japan Registry Services Co., Ltd (JPRS), June 2002 - present

     = Research on engineering aspects of DNS
     = Standardization at IETF (primary areas are DNS, ENUM,
        and Email address Internationalization)
     = Design and development of DNS software
        (a member of BIND 10 project, various DNS software tools)
     = Deployment of DNS-related technologies (ENUM, DNSSEC, ...)

   - Researcher, T.D.I Co.,Ltd., April 1996 - May 2001

   - Research Associate, Center for Informatics, WASEDA University,
                                      April 1992 - March 1996
      = Design and operation of university campus network

  - Programmer, Nippon Database Co., Ltd, August 1987-April 1990 - March 1992

* Publications

  - Journal Papers

    = Reduction of Root DNS Server Queries, K. Fujiwara, A. Sato, and K. Yoshida, IEICE
Transactions on Communications, Vol.J98-B No.6 pp.497-508, 1 June 2015. (Japanese
Language)

    = DNS Traffic Analysis --- CDN and the World IPv6 Launch, K. Fujiwara, A. Sato, and
K. Yoshida, Journal of Information Processing, Vol. 21, No. 3, July 2013.

    = Multiprocessor Scheduling Algorithms Considering Data-Preloading and Poststoring,
K.Fujiwara, K. Shiratori, M. Suzuki, H. Kasahara, IEICE Transactions on Information and
Systems, D-1 Vol.75, No.8 pp.495-503, Aug.1992 (Japanese Language)

- Conference Papers

= DNS traffic analysis -- Issues of IPv6 and CDN --, K. Fujiwara, A. Sato, and K. Yoshida, IEEE/IPSJ 12th International Symposium on Applications and the Internet, pp129--137, July, 2012.

= A Multi-grain Parallelizing Compilation Scheme for OSCAR (Optimally Scheduled Advanced Multiprocessor), H. Kasahara, H. Honda, A. Mogi, A. Ogura, K. Fujiwara, S. Narita, Fourth International Workshop on Languages and Compilers for Parallel Computing, pp.283-297, Aug. 1991.

- RFCs

= RFC 5483, ENUM Implementation Issues and Experiences, L. Conroy, K. Fujiwara, March 2009. (Format: TXT=72780 bytes) (Status: INFORMATIONAL)

= RFC 5504, Downgrading Mechanism for Email Address Internationalization, K. Fujiwara, Y. Yoneya, March 2009. (Status: Experimental)

= RFC 5825, Displaying Downgraded Messages for Email Address Internationalization, K. Fujiwara, B. Leiba, April 2010. (Status: Experimental)

= RFC 6116, The E.164 to Uniform Resource Identifiers (URI) Dynamic Delegation Discovery System (DDDS) Application (ENUM), S. Brandner, L. Conroy, K. Fujiwara, March 2011. (Status: Proposed Standard)

= RFC 6856, Post Office Protocol Version 3 (POP3) Support for UTF-8, R. Gellens, C. Newman, J. Yao, K. Fujiwara, March 2013. (Status: Proposed Standard)

= RFC 6857, Post-Delivery Message Downgrading for Internationalized Email Messages, K. Fujiwara, March 2013. (Status: Proposed Standard)

= RFC 7719, DNS Terminology, P. Hoffman, A. Sullivan, K. Fujiwara, Dec., 2015. (Status: Informational)

- Internet Drafts (Working, WG documents)

= draft-ietf-dnsop-nsec-aggressiveuse-03, Aggressive use of NSEC/NSEC3, K. Fujiwara, A. Kato, W. Kumari, September 2016

= draft-ietf-dnsop-terminology-bis-02, DNS Terminology (RFC 7719 bis), P. Hoffman, A. Sullivan, K. Fujiwara, August 2016

- More information is here: http://member.wide.ad.jp/~fujiwara/publications-j.html