Leslie Daigle
Collaborative Leader

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Canadian Citizen
US Permanent Resident

PROFESSIONAL SUMMARY

I believe in collaboration as the means to achieve the impossible.

I am driven to figure systems out, make things work better, identify opportunities and enable groups of people to achieve great things. I have repeatedly built organizations and technology, introduced innovative ideas, and led people to see things in a new light. I have worked with the Internet – technologies, institutions, and policy – to help it grow and act as an enabler for many.

AREAS OF EXPERTISE

- Executive leadership – 20+ years experience in management within corporations and industry institutions
- Strategic initiatives – from inception to successful conclusion

- Deep Internet industry expertise and connections – vendors, operators, Internet institutions
- Public leadership – leading organizations to public consensus
- Global experience

- Comprehensive understanding of Internet technology, standards and operations
- Long time Internet standards (IETF) participant
- Published author and invited public speaker

SELECTED CAREER HIGHLIGHTS

When I joined the Internet Society, the mission-driven, not-for-profit organization had made significant contributions to leading the Internet community in the early days of "Internet governance" discussions, but was not equipped to provide leadership in addressing the significant technical issues increasingly stifling the Internet's development.

➢ As the organization's first Chief Internet Technology Officer, I built and led a team of experts to create collaborative activities with and for network operators and other Internet technical corporations. These activities included the World IPv6 Day and World IPv6 Launch, which changed the course of IPv6 deployment, globally, and put the Internet Society organization on the map of go-to organizations to foster Internet-supporting technical industry action.

Internet-wide technology problems can't be solved by any single corporation on its own.

➢ I have remained active as an independent professional, successfully establishing and running several funded projects to draw in experts from across the networking industry to gain agreement on how to address, in a collaborative fashion, timely topics such as routing security and network measurements

In the early 2000's, the Internet Engineering Task Force was at a critical juncture of its growth, and was being held back by the ad hoc support for its administration.

➢ I worked from my role as Chair of the Internet Architecture Board to lead the organization to public consensus to create and operate its own administrative support – taking responsibility for all expenses, contracting and growth of the organization.

EMPLOYMENT

Thinking Cat Enterprises
Principal: May 2014 – present
Increased industry awareness of, and collaboration on, key technical and techno-policy issues,

through organization of workshops (e.g., http://yana.techark.org), white papers, funded projects, and community contributions.
- Launched "TechArk" (http://www.techark.org) as a "centre for the creative development of the Internet", with funded projects focusing on improving the Internet through collaborative industry activities.
  - o *Unwedging Routing Security Activity (URSA)*
  - o *Network Operator Measurement Activity (NOMA)*
- As IAOC Chair (see professional contributions, below), provided community leadership as the IETF embarked on organizational review.

Internet Society
Chief Internet Technology Officer (CITO): September 2007 – May 2014
Ensured ISOC has a clear voice in the world's Internet technology evolution.   Achieved real change in the direction of IPv6 deployment in the world at a critical juncture of IPv4 address runout. Established a go-to public resource for understanding and deploying new Internet technologies.
- Reporting to the CEO, developed and delivered, on budget, the organization's annual technology strategy
- Created and lead two departments of highly creative individuals carrying out technology activities, including the Deploy360 web resource.
- Provided public face for ISOC's technology positions – social media, traditional media, public speaking

Cisco Systems
Corporate Consulting Engineer: June 2005 – September 2007
Senior engineering position; identified and reviewed key areas of application technology development for Cisco products, working across line of business and product units.
- Developed and initiated a cross-group program for focusing Cisco's contributions to the evolution of the Internet. Extensive participation in IETF.

VeriSign
Director, Directory Research: June 2001 – May 2005
Responsible for Research and development of strategic advances in Internet naming infrastructure for the com/net registry division of VeriSign
- Public communication of the corporation's technical contributions

Rattlenote Technology Inc
Executive Vice President, CTO: December 1999 – March 2001
Co-founder of start-up company.
Board Chair: January 2000 – May 2001
Chair of the Board of Directors of Rattlenote Technology Inc.

ThinkingCat Enterprises
Independent Consultant: April 1999 – May 2001
Clients included Ericsson (Sweden), International ISSN Centre, McGill University.

Bunyip Information Systems Inc
Vice President, Research/Research and Development: January 1996 – April 1999
Board Member: June 1998 – April 1999
Project Manager: September 1994 to December 1995.
Software Specialist: February 1993 to August 1994 (part-time, while a full time PhD student).

PROFESSIONAL COMMUNITY CONTRIBUTIONS

A comprehensive list of my current and past professional community contributions is maintained at http://www.thinkingcat.com/wordpress/extracurricular/ . Recent highlights are provided below.

Internet Engineering Task Force Participant (March 1995 –):
Made several independent contributions on applications infrastructure and directory-related services, including chairing working groups and authoring several RFCs. Recent formal commitments to the IETF:

- Nomcom-appointed member, IAOC (June 2015 – March 2018); Elected Chair of IAOC (March 2016 – March 2018)
- Co-Chair, IANAPLAN WG (2014 – 2016)
- Previous positions are listed at http://www.thinkingcat.com/wordpress/extracurricular/

Member, Advisory Board for Norwich University's Master of Science, Information Security and Assurance (MSISA) (April 2015 –).

Member, Global Commission on Internet Governance Research Advisory Network (March 2014 — May 2016): https://www.ourinternet.org

Internet Architecture Board
Member: March 2000 – March 2008
Chair: March 2001 – March 2007
By building consensus within the global IETF community as well as within the IETF leadership, we implemented significant organizational restructuring that has allowed the IETF to mature and manage its own $5M budget.

PUBLICATIONS AND APPEARANCES

For over two decades, I have published white papers, given industry presentations and keynotes on technical topics and Internet governance matters, globally. *E.g.*,

- Invited talk, "*Keeping the 'Inter-' in 'Internet'*", InteropITX, http://web.thinkingcat.com/wordpress/wp-content/uploads/2018/05/DaigleLeslie_KeepingTheInter-FinalClear.pdf , May 2018.

- Daigle, Leslie, Konstantinos Komaitis, and Phil Roberts. "*Keys to Successful Collaboration and Solving Wicked Internet Problems*", https://www.internetsociety.org/resources/doc/2017/keys-to-successful-collaboration-and-solving-wicked-internet-problems, January 2017.

- Daigle, Leslie. "*Stop Guessing, Start Measuring: Collaborative Data Collection and Internet Fitness*", http://www.techark.org/2016-noma-vision-paper/ December 2016.

- Daigle, Leslie and Phil Roberts, "*Internet Measurements Landscape (2016): Systems, Approaches and a Comparative Framework*", http://www.techark.org/internet-measurements-landscape-2016-systems-approaches-and-a-comparative-framework/ December 2016.

- Daigle, Leslie, *"On the Nature of the Internet"*, GCIG paper No. 7, Series: Global Commission on Internet Governance Paper Series, March 16, 2015.

- Panelist, "Examining *the Future of the Open and Universal Internet*", Conference on Internet Governance & Cyber-security, School of International and Public Affairs (SIPA) in collaboration with The Global Commission on Internet Governance (GCIG), New York, May 14-15, 2015.

- Keynote, TERENA Networking Conference May 2012, "Making Sure the Internet is for Everyone. Always", May 2012.

I have been a regular contributor to industry social media, currently including CircleID. I have published (as author, co-author, editor) more than 25 Request for Comments (RFC) documents on Internet technology and standards process. I have published papers in refereed conferences, journals, and book chapters. This includes:

- Ford, Mat and Leslie Daigle, "Addressing Unwanted Traffic on the Internet: A Community Response", IEEE Internet Computing, November/December 2009.

- Internet Architecture Board (IAB), S. Floyd (Ed), L. Daigle (Ed), "IAB Architectural and Policy Considerations for Open Pluggable Edge Services", RFC3238, January 2002.

- Daigle, Leslie L. and Thommy Eklöf, "Architecture for Integrated Directory Services – Results from TISDAG", RFC2970, October 2000.

A comprehensive list of my publications and appearances is maintained at
http://www.thinkingcat.com/wordpress/pubs/ .

AWARDS
- **ICANN 2016 Leadership Award**: with Marc Blanchet for co-chairing IANAPLAN WG, and others involved in the IANA transition from US Government oversight

ACADEMIC BACKGROUND, CONTINUING TRAINING

Degrees
MSc: Computer Science, University of Guelph, Guelph, Canada (1991).
BSc: Math and Computer Science, Great Distinction, McGill University, Montreal, Canada (1988).

Other
PhD work: Computer Science, McGill University, Montreal, Canada. Comprehensive exams passed; completion of research work deferred in favour of opportunities at an exciting Internet company.

Executive leadership class: "Leading for Organizational Impact: The Looking Glass Experience (LOI)", from the Center for Creative Leadership. (May 2011).