

IETF Standardization Process and German Activities: a Brief Overview

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IETF Overview



- does not exist (in a legal sense), **no** members, **no** voting
 - Groups make decisions by “**rough consensus & running code**”
 - “*We reject kings, presidents and voting. We believe in rough consensus and running code*”, David Clark, 1992
 - Consensus must be found on mailing lists rather than at physical meetings
- 118ish **working groups** (where the stuff happens)
- 8 **areas** (for organizational convenience) with **ADs**
 - GEN, APS, **RAI**, TSV, RTG, INT, OPS, SEC
- **IESG**: management (ADs + IETF Chair)
- produces **standards** and other

RFCs



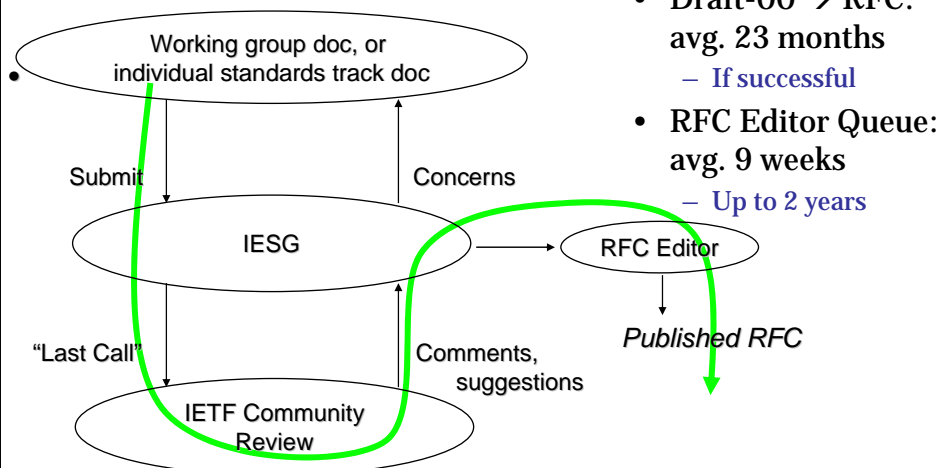
- Historical Archive
- Standards
 - Proposed (PS)
 - good idea, no known problems
 - Draft (DS)
 - PS + stable multiple **interoperable** implementations
 - Full (STD)
 - PS + wide use
 - Best Current Practice (BCP)
 - policies or procedures (best way we know how)
- Many kinds of
 - Informational
 - Historical
 - Experimental
 - Standards

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Standard track document processing cycle

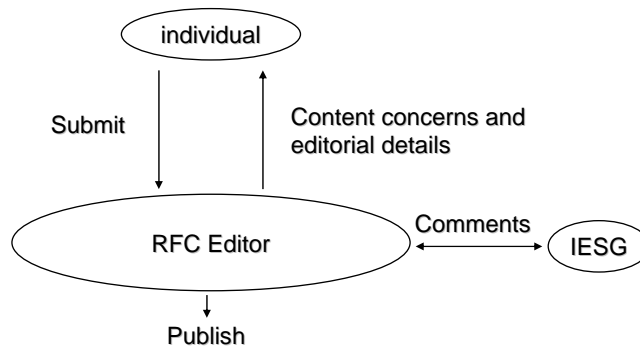


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Non-IETF Submissions



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German Activities: Overview



- AD: Lars Eggert (now at Nokia/FI, pre: NEC)
- **WG Chairs from Germany:**
 - Juergen Quittek: IPFIX, PSAMP (NEC)
 - Julien Laganier: BTNS, MEXT (NEC)
 - Martin Stiernerling: NSIS (NEC)
 - Juergen Schoenwaelder: ISMS (J U Bremen)
 - Joerg Ott: mmusic (HUT/TKK, pre: U Bremen)
 - Hannes Tschofenig: escrit, dime, keyprov (NSN, pre: Siemens)
- **Most active insitutions of Germany:**
 - NEC Europe Labs, Siemens, NSN, T-Systems, SUN (Waibstadt), FOKUS, Greenbytes (Münster), ...
 - Bremen U. & Jacobs U., Münster FH, Göttingen U., Karlsruhe U., Braunschweig TU, Tübingen U., Essen U...
- **Primary focuses:**
 - RAI (AVT, MMUSC, SIP/SIPPING, P2PSIP), TSV (TSVWG, NSIS, RSERPOOL), OPS (IPPM, IPFIX, PSAMP), SEC (ISMS), INT (NETLMM)

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RFCs co-authored by German authors



- Among all 5043 RFCs (as of 22.06.2008):
 - USA : 4329 (86%)
 - UK: 335 (6.6%)
 - Canada: 210 (4.2%)
 - **Germany: 196 (3.9%)**
 - Finland: 183 (3.6%)
 - Japan: 145 (2.9%)
 - Sweden: 144 (2.9%)
 - France: 128 (2.5%)
 - ... India: 33 (0.65%), China: 8 (0.16%)!
- Most productive RFC authors from Germany:
 - Henning Schulzrinne (63), Juergen Schoenwaelder (26), Hannes Tschofenig (18), Carsten Bormann (17), Erik Guttman (14), **Juergen Quittek (12)**, **Joerg Ott (11)**, **Michael Tüxen (10)**, Martin Stiernerling (7), Arnt Gulbrandsen (7), ... , **Tanja Zseby(2)**, **Roland Bless (2)**, **Xiaoming Fu (1)...**

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Internet draft contributors from Germany



- Among all active 1553 I-Ds (as of 22.06.08):
 - USA : 964 (62%)
 - UK: 192 (12%)
 - Finland: 164 (11%)
 - France: 159 (10%)
 - **Germany: 157 (10%)**
 - Japan: 129 (8.3%)
 - Canada: 113 (7.3%)
 - China: 63 (4%)
 - Sweden: 56 (3.6%)
 - ... India: 35 (2.25%)
- **164 active ID authors from Germany work in 38 WGs**
 - Including: Thomas Dreibholz (11), Saverio Niccolini (10), Julian F. Reschke (10), **Michael Tuexen (8)**, Juergen Schoenwaelder (7), **Xiaoming Fu (7)**, Martin Stiernerling (5), Thomas Schierl (5), **Juergen Quittek (4)**, **Tanja Zseby (4)**, **Michael Menth (4)**, ..., **Roland Bless (1)...**
 - Hannes Tschofenig (45), Henning Schulzrinne (33), **Joerg Ott (6)**, ...
 - **Glad to have our speakers to share their precious experiences!**

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