

IRRToolSet BoF



i n e x

i n t e r n e t n e u t r a l e x c h a n g e

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History

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Original design and code dates from the early 1990s

Created by Merit, moved to ISI div7

RPSL was intended to create a spec for routing policy

RtConfig created to build actual router configurations

Moved to RIPE NCC in 2003

They implemented ipv6 / mcast support

Later moved to ISC, currently hosted at irrtoolset.isc.org



Current Status:

- 5.0.0 released in 2009
- 5.0.1 ready for release
- support for several new attributes
- some bug fixes
- otherwise pretty much the same



Problem #1

The code is too complicated and no-one understands it

... it needs to be rewritten



Problem #2

We could rewrite the code

... except the language specification is too complicated



Problem #3

We could rewrite / update the RFCs

- ... except that RPSL is fundamentally broken
- ... a mixture of too complicated and not flexible enough
- ... people only use a tiny proportion of the rpsl functionality



Problem #4

Even if RPSL were ok

...the client-whois server protocol is terrible



Irish Travel Advice

- "You want to get to Dublin?"
- "I do"
- "If I were you, I wouldn't start out from here"

What do we do now?



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Discussion?