

TTM and Open Source

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Contents

- Introduction

- TTM and Open Source

- Third party software framework (x2)
 - Why this does not harm TTM
 - Why this benefits TTM

Introduction

- Who is Pim van Pelt ?
 - Software engineer from '93-'01
 - TU/eindhoven, Wegener eMedia, WiseGuys Internet (datamining technology)
 - Network engineer from '99-now
 - Freeler, Intouch, BIT

- BIT: `tt52.ripe.net` (IPv4/IPv6)

TTM and Open Source (1)

- TTM code base observations
 - Developed with community resources
 - Closed source, available on request
 - Not tested for multiplatform
 - Source/design documentation availability

TTM and Open Source (2)

Suggestion: OpenUp™

- Cleanup/review (parts of) code
- Establish portability (BSDs, Solaris, Linux)
- Choose suitable license (BSD, GPL, ...)
- Import into public CVS rep (SourceForge)
- Explicitly share *code* with the community
 - Install, readme, changelog, howto's, ...

'Problem' with TTM

- What if a party ...
 - Wants a specific test or tests done,
 - Does not want a specific test or tests done,
 - Does not need the ttm-wg expertise,
 - Does not want their data to be public,
 - Wants to validate the assessments of NCC ?
- They may not need/want to be part of the RIPE TTM deployment

- Suggestion: OpenUp™

3rd party software (1)

- Is there a need for:
 - external testing ?
 - Tunnel detection
 - pMTU testing
 - Throughput testing (IPv6!)
 - Monitoring of own (name)servers
 - external validation ?
 - Plots, data, internet

3rd party software (2)

- Suggestion: guidelines for 3rd parties
 - Enables a clear interface to the TTM system
 - Enables programmers to write
 - Measurement software
 - Data validation software

- Makes TTM platform more versatile

Why this benefits TTM

- Increased input from the community
 - Improvements and suggestions
 - Community efforts can save money

- NCC has © and CVS r/w access
 - Accept what the userbase wants
 - TTM boxes' tests can be expanded

Why this does not harm TTM

RIPE NCC deployment already has:

➤ Mass

- Approx 65 machines up and running
- Widespread geopolitical presence

➤ A cluestick (expertise)

- Customers turn to NCC folks for interpretation
- Community benefits from Incident Reports

➤ An established public forum

- Several interactive mailinglist
- Regular IRL meetings

Discussion

- Does this make any sense ?
- Are there any suggested tests ?