

MOZILLA FIREFOX

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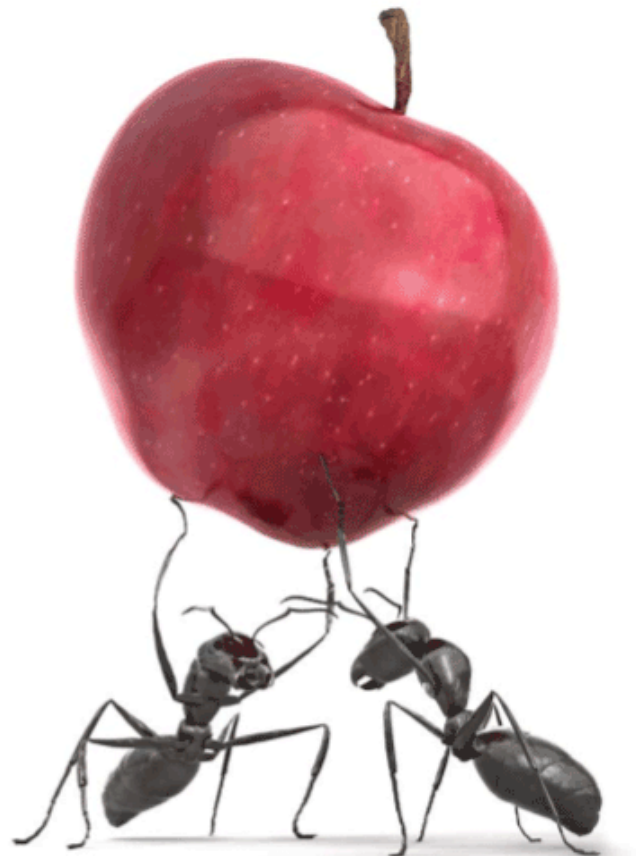
NETWORKING DASHBOARD

- exposing information
- diagnostic tools
- debugging
- event tracing

NETWORKING TELEMETRY

- performance
- usage
- statistics
- improvement

TEAMWORK



OBJECTIVES

- improve about:networking
- implement telemetry probes

EXPOSE PROTOCOL VERSION

- HTTP/0.9, HTTP/1.x, spdy/2, spdy/3
- http version - per transaction property

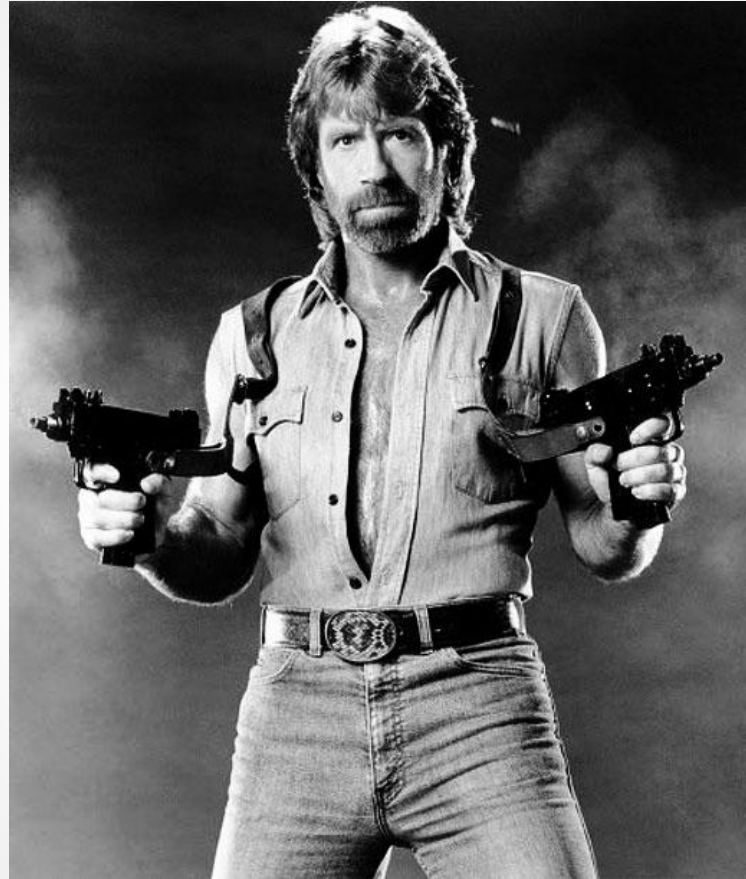
PING DIAGNOSTIC TOOL

- TCP/SSL supported
- live messages as events fire
- timeouts
- mapping error codes to strings

DATA USAGE

- total number of bytes through sockets
- snapshot

IT'S ON!



about:networking is integrated

TABS INDEPENDENT REFRESH

- per tab auto-refresh
- overall refresh button

SORTABLE TABLES BY COLUMN

- performance on big tables
- rendering tables is expensive

TESTING

- different harnesses for different tasks
- external services are bad
- XPCShell tests are run in parallel nowadays

TELEMETRY STUFF

- DNT usage
- primary vs backup connections utilization
- transaction dispatch rates (to be continued)

RSoC

- hardworking
- learning a lot of cool stuff
- fun
- great summer, thanks!