

(CPAN Testers)++

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What's going on in CPAN Testers?

- Growing ecosystem
- Failing with success
- Version 2.0 beta

Testers ecosystem

- Notifications
- Visualizations
- Analysis

Dependency tree

(Get results in XML)

- 0.	Web::Simple	S B R D		86 PASSEs, 0 UNKNOWNs, 0 FAILs, 12 NAs
- 1.	ExtUtils::MakeMaker	S B R D		548 PASSEs, 0 UNKNOWNs, 9 FAILs, 0 NAs
2.	Data::Dumper	S B R D		Core module
- 3.	File::Spec	S B R D		546 PASSEs, 5 UNKNOWNs, 2 FAILs, 0 NAs
- 4.	Scalar::Util	S B R D		304 PASSEs, 2 UNKNOWNs, 2 FAILs, 0 NAs
- 5.	Test::More	S B R D		754 PASSEs, 5 UNKNOWNs, 1 FAIL, 0 NAs
6.	Test::Harness	S B R D		430 PASSEs, 1 UNKNOWN, 9 FAILs, 0 NAs
7.	File::Path	S B R D		Core module
8.	Test	S B R D		Core module
9.	File::Basename	S B R D		Core module
- 10.	Pod::Man	S B R D		259 PASSEs, 0 UNKNOWNs, 0 FAILs, 0 NAs
- 11.	Pod::Simple	S B R D		153 PASSEs, 0 UNKNOWNs, 1 FAIL, 1 NA
12.	Pod::Escapes	S B R D		1215 PASSEs, 3 UNKNOWNs, 0 FAILs, 0 NAs
13.	Text::Wrap	S B R D		612 PASSEs, 0 UNKNOWNs, 0 FAILs, 0 NAs
14.	constant	S B R D		Core module
	Chance of all tests passing			80% (but <u>note</u> that this doesn't mean much)

deps.cpan testers.org

Test matrix

[CPAN Testers Matrix: Capture-Tiny 0.07](#) (latest distribution)

Distribution (e.g. DBI, CPAN-Reporter, YAML-Syck):

CPAN User ID (e.g. GAAS, TIMB, JHI):

You can click on the matrix cells or row/column headers to get the list of corresponding reports.
Alternative color schemes are available: try *View > Page Style* or *View > Use Style* in your browser.

ALL	MSWin32	cygwin	darwin	freebsd	irix	linux	midnightbsd	netbsd	openbsd	solaris
5.13.0										
5.12.1										
5.12.0										
5.11.5										
5.11.4										
5.11.3										
5.11.2										
5.11.1										
5.10.1										
5.10.0										
5.8.9										
5.8.8										
5.8.7										
5.8.6										
5.8.5										
5.8.3										
5.8.0										
5.6.2										

- [Max version with a PASS](#)

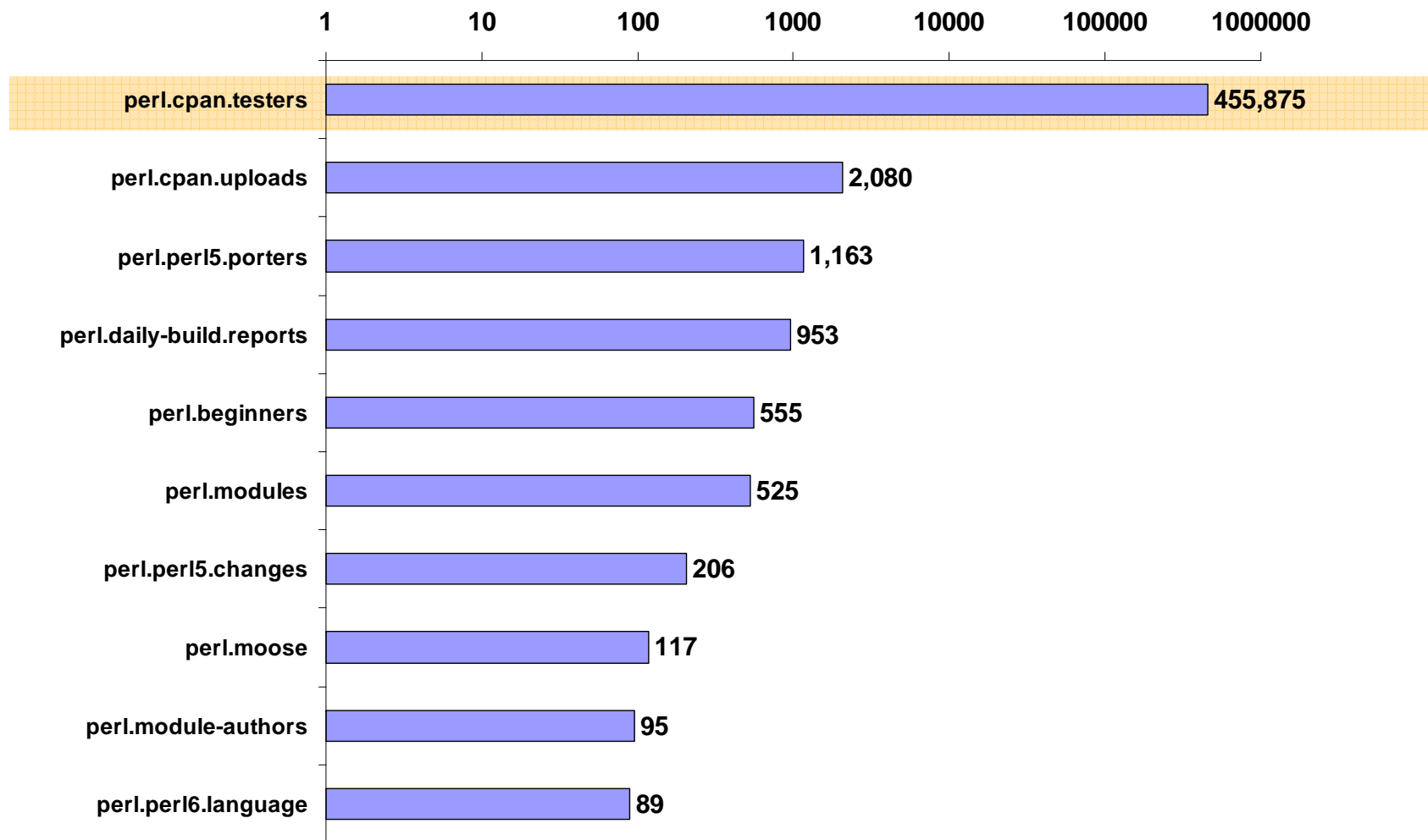
matrix.cpan testers.org

Analysis

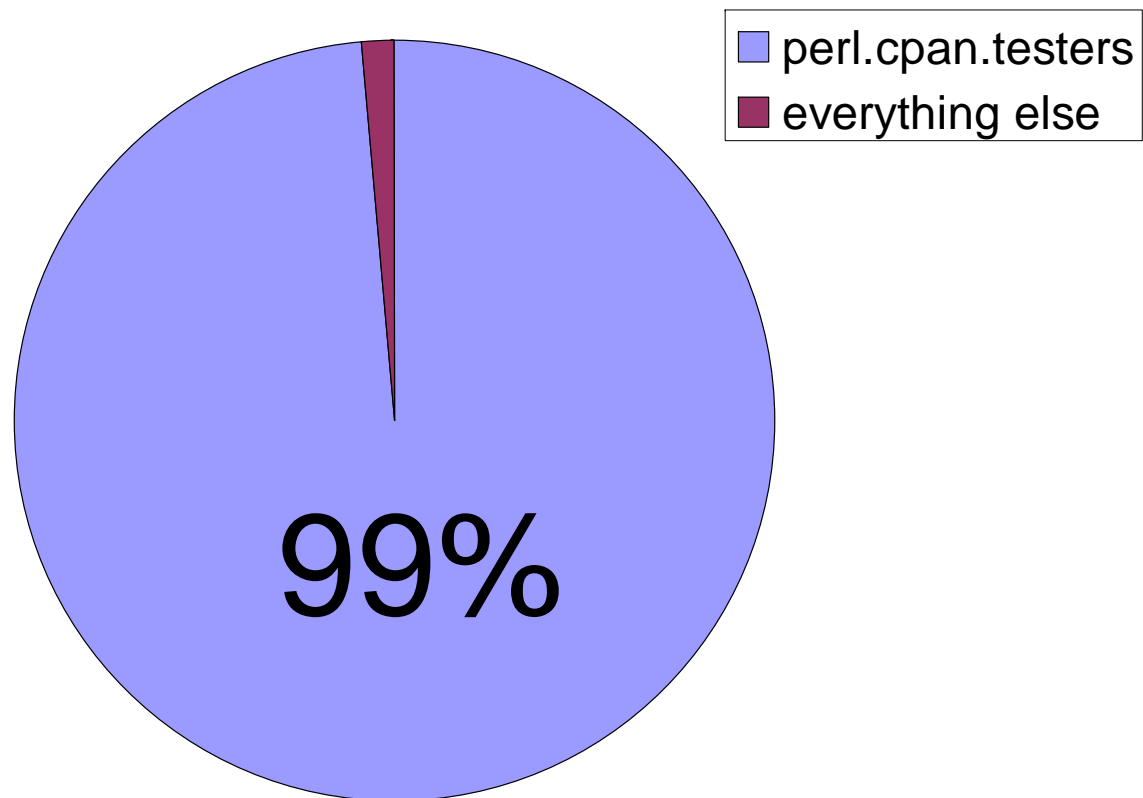
- Andreas König
- Regression analysis – failure correlations
 - OS, architecture, perl version, perl configuration
 - test output, e.g. “failed at line ...”
 - tester, test framework
- Significance levels
- analysis.cpan testers.org – but offline! ☹️

Success or failure?

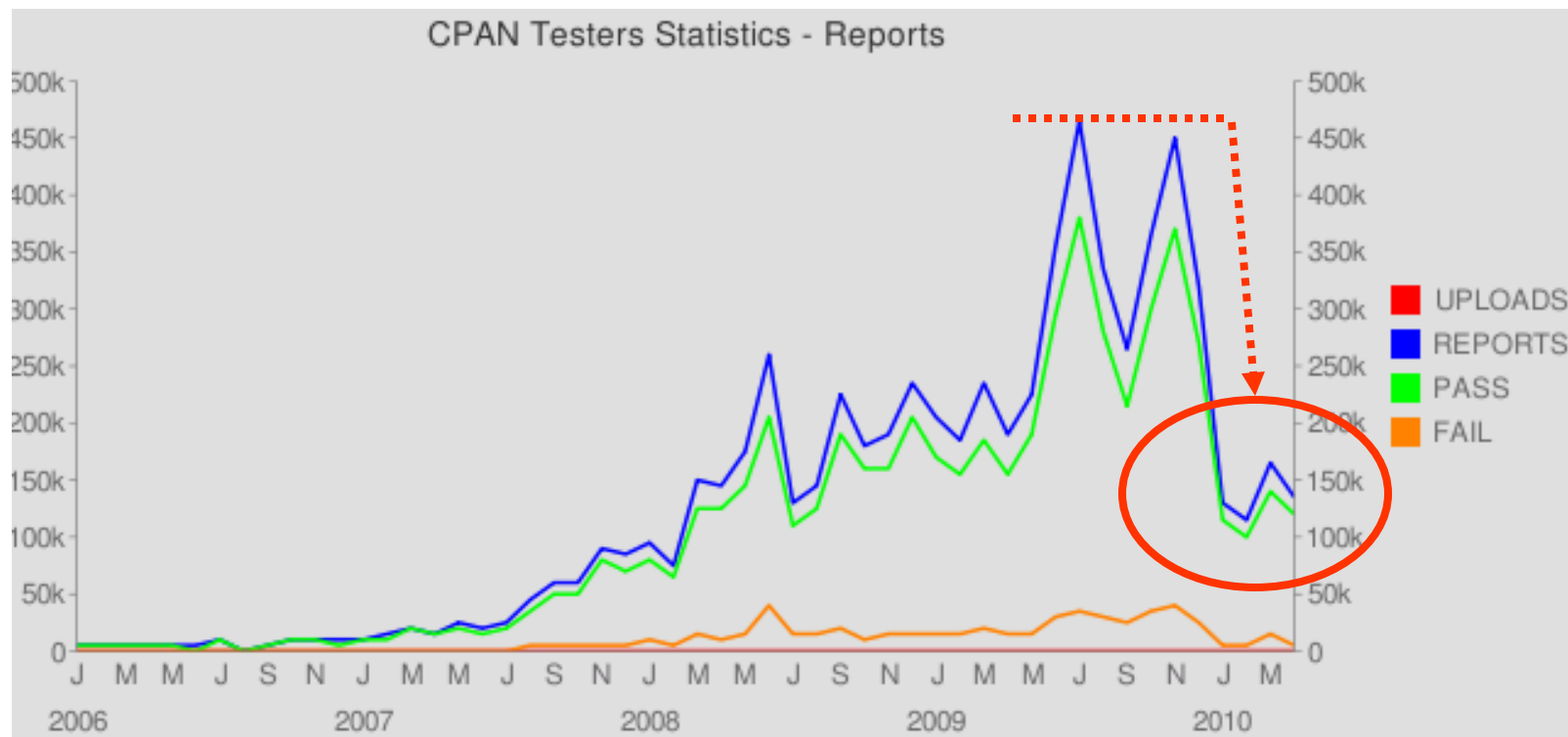
November 2009 perl.org mailing list monthly volume



The way perl.org sees it



Throttling back



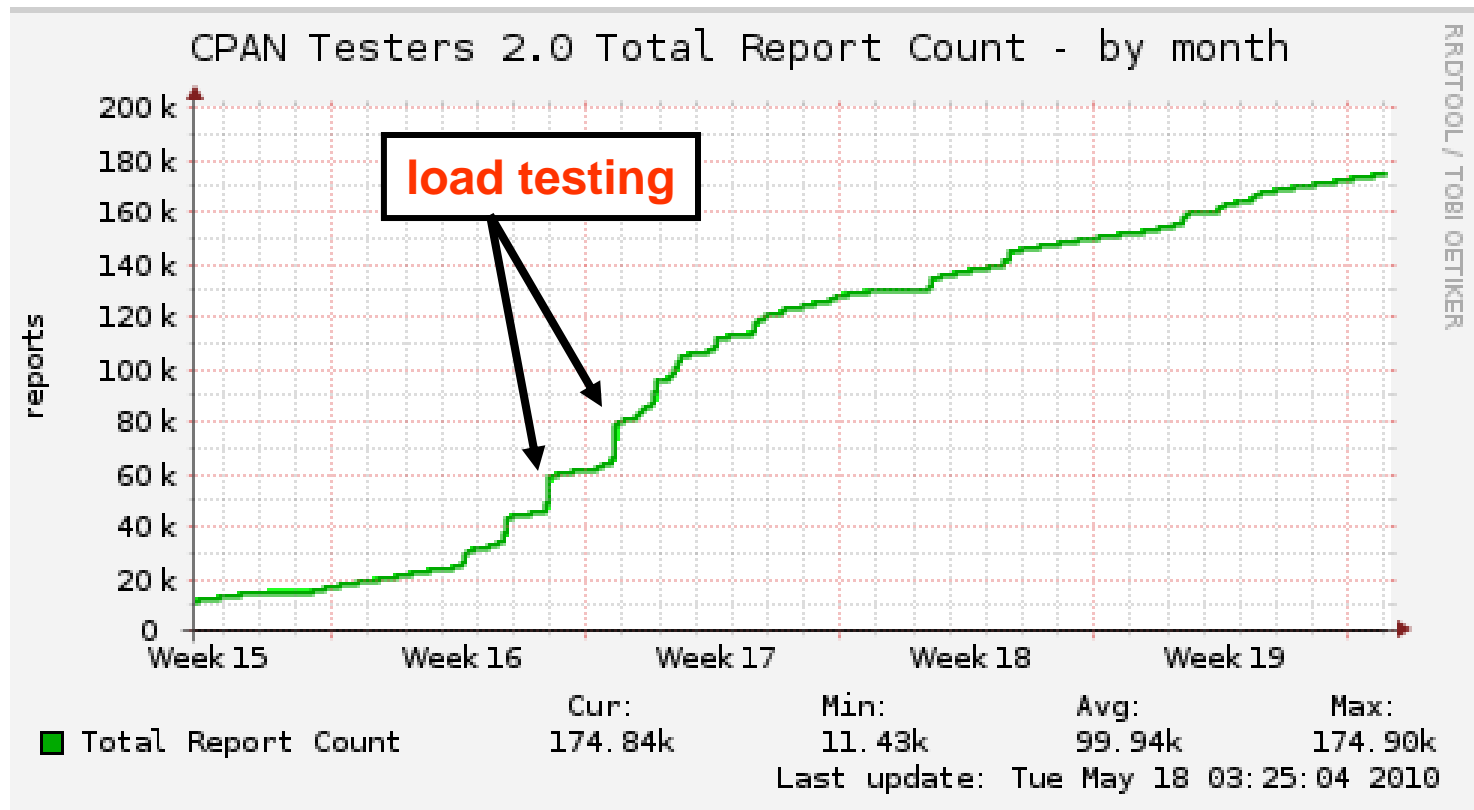
From 1.0 to 2.0: getting off email

- CPAN Testers 1.0
 - Email transport to NNTP server storage
 - Text reports
- CPAN Testers 2.0
 - Web transport to cloud storage (AWS)
 - Structured data
- Bootstrapping 2.0 with 1.0 clients

CT 2.0 progress

- work started in January
- 'beta 1' in March
 - design flaws, code bugs, integration
- 'beta 2' in April
 - load testing, report extraction
- 'open beta' soon
- beta reports added to cpantesters.org soon

Beta 2 volumes



Code

- Metabase
- Metabase::Web
(not on CPAN)
- CPAN::Testers::Metabase
- CPAN::Testers::Common::Utils

- Net::Amazon::Config
- Net::Amazon::S3
- SimpleDB::Class
- SimpleDB::Client

- Metabase::Fact
- CPAN::Testers::Report

- Metabase::Client::Simple
- Test::Reporter::Transport::*
 - *::Metabase
 - *::Socket
- App::Metabase::Relayd
- POE::Component::Metabase::*
 - *::Client::Submit
 - *::Relay::Server



Questions?