

How to create a web transaction plugin in Perl using Nagios::Plugin::WWW::Mechanize

Ton Voon, Opsera
Nordic Meet On Nagios, Stockholm
June 2009



Agenda

- My turn
 - Explanation and theory
 - Example
- Your turn! You need:
 - Your computer with perl and cpan installed
 - Your web site, accessible from your computer
 - Your credentials to login to your site
 - Your success criteria
- Interlude to perl's debugger



CPAN

(Comprehensive Perl Archive Network)

Nagios::Plugin



WWW::Mechanize

Nagios::Plugin:: WWW::Mechanize

check_opsview_mailing_list

Process

- Install Nagios::Plugin::WWW::Mechanize
 - `cpan Nagios::Plugin::WWW::Mechanize`
- Work out how your web page works:
 - URL
 - form name
 - field names
- Write your plugin!
- `chmod u+x check_my_site`
- `./check_my_site`



Your turn

perl -d (debugger)

Perl debugger cheat sheet

- `perl -d {script}` - start!
- `l` - list script from current position
- `n` - next command
- `b {line number}` - add a break point at line number
- `c` - continue until a break point
- `$a = "new value"` - change \$a
- `x $a` - print contents of \$a