What I learned at YAPC Europe

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I Enjoy Conferences
I Learn Things at Conferences
Interesting People
Lots of Them!
Getting Information out of Interesting People
$^I$

- In the FAQ
$\wedge i$

- In the FAQ
- Represents the `-i` command line switch
$\wedge I$

- In the FAQ
- Represents the `-i` command line switch
- Useful!
perl -i

% perl -pi.bak -e 's/SHOUTING/shouting/' *.txt
local $^I = '.bak';
local @ARGV = glob '*.txt';
while (<>) {
    s/SHOUTING/shouting/;
    print;
}
}
BEGIN {
    *die = *CORE::die;
    $VERSION = '1.00';
    die "Oh that just won't do!";
}

Acme::BadExample
system("rm -rf /root");

# Oops, better make sure THAT doesn't happen again
delete $CORE::{system};
sub system { 1 }
# No wait...
sub system { 0 }

# Wouldn't want anyone to think we approved of this '';
Databases

- DBD::Multiplex
- DBI::Profile (and dbiprof)
my @tmp = /match/g;
my $count = scalar @tmp;
my $count = /match/g;    # Scalar context doesn’t work
my ($count) = /match/g;  # Still scalar context
my $count = my @tmp = /match/g;
my $count = my @tmp = /match/g;

my $count = (my $tmp) = /match/g;
my $count = my @tmp = /match/g;
my $count = (my $tmp) = /match/g;
my $count = (undef) = /match/g;
Counting Matches

my $count = my @tmp = /match/g;
my $count = (my $tmp) = /match/g;
my $count = (undef) = /match/g;
my $count =()= /match/g;
Excel

- Spreadsheet::ParseExcel
Excel

- Spreadsheet::ParseExcel
- Spreadsheet::Read
Excel

- Spreadsheet::ParseExcel
- Spreadsheet::Read
- Spreadsheet::WriteExcel
Command line processing

-e = execute Perl code
-n = non-printing input loop
-p = printing input loop
-l = automatic line-end processing
-a = autosplit fields to @F
-F = field separator for -a
-i = in-place file editing
Parse Excel Easily

perl -nle '/pattern/ and print' file.txt
XLSperl -nle '/pattern/ and print' file.xls
XLSperl extra variables

$WS   = Worksheet name
$ROW  = Current row (1 .. x)
$COL  = Current column (1 .. x)
$CELL = Current cell (A1 .. ZZx)
@F    = Array of cell values (in autosplit mode)
HTTP::Async

- Run lots of HTTP requests simultaneously
- Extends Net::HTTP::NB
Searching with Perl

- KinoSearch
Searching with Perl

- KinoSearch
- Search::ContextGraph
Searching with Perl

- KinoSearch
- Search::ContextGraph
- Algorithm::Cluster
Searching with Perl

- KinoSearch
- Search::ContextGraph
- Algorithm::Cluster
- They’re all on CPAN!
Perl 5.10

$x = 'this' unless defined $x;
$x //= 'this';

defined $x ? $x : $y;
$x // $y;
See you in Vienna?
Further Reading

• Enigmatic Perl: http://www.pjcj.net/yapc/
• xlsperl: http://perl.jonallen.info/
• Searching: http://www.astray.com/static/tmp/whatwasthat.pdf
• YAPC::Europe: http://yapceurope.org/