

Hash Slices

```
use Modern::Perl;
my $input_line = shift;
my %colors = (
    red => 'apple',
    green => 'leaves',
    blue => 'ocean',
);
$colors{"red"} = 'apple';
$colors{"green"} = 'leaves';
$colors{"blue"} = 'ocean';
( $colors{"red"}, $colors{"green"},
  $colors{"blue"} ) =
( 'apple', 'leaves', 'ocean' );
@colors{ "red", "green", "blue" } = ( 'apple',
'leaves', 'ocean' );
my @available_colors = qw(red green blue);
my @available_things = qw(apple leaves ocean);
@colors{@available_colors} =
@available_things;#1
#for ref
my $ref_colors = \%colors;
@{$ref_colors}{@available_colors} =
@available_things;#the same as 1 but for ref
say $colors{$input_line};
say @{$ref_colors}{$input_line};
say "@{$ref_colors}{@available_colors}";
#
http://docstore.mik.ua/oreilly/perl/learn/ch05\_05.htm
# http://www.webquills.net/web-development/perl/perl-5-hash-slices-can-replace.html
```

Perl short tips

Merge Hash slow (merge %score into %league)

```
%league = (%league, %score);
```

Merge Hash faster

```
%league{keys %score} = values %score;
```

Write array to file. use File::Slurp qw(:std);

```
my @vip_array_out = map { "$_\n" }
@vip_array;
```

the same

```
my $vip_string_out = join "\n", @vip_array;
```

slow

```
write_file( 'file', @vip_array_out );#
```

faster

```
write_file( 'file', \@vip_array_out );#
```

faster then \$vip_string_out

```
write_file( 'file', \$vip_string_out );
```

Split by **WORD**

```
my @words = split /\W+/, @input_lines;
```

Get unique words

```
my %seen; map { $seen{$_}++ } @words;
```

Sort the words in ascending ASCII order in the output

```
for my $word ( sort keys %seen ) { say "for
$word $seen{$word}"; }
```

Save hash in insert order

```
use Tie::IxHash;
```

tie %sort_seen, "Tie::IxHash";

```
use Data::Dumper;
```

\$Data::Dumper::Terse = 1;

```
map { $sort_seen{$_} = $seen{$_} } sort
keys %seen;
```

print Dumper \%sort_seen;

Read config

```
use YAML::Tiny;
use Carp;
use English;
my $conf =
YAML::Tiny::LoadFile('config.yml')
or croak "Couldn't open YAML::Tiny->errstr:
$OS_ERROR";
my $user = $conf->{user};
my $password = $conf->{password};
config.yml is
---
user: 'mishin'
password: 'secret_pw'
```

Slices

array slice

```
($him, $her) = @folks[0,-1];
```

```
@them = @folks[0 .. 3];
```

hash slice

```
($who, $home) = @ENV{"USER",
"HOME"};
```

list slice

```
($uid, $dir) = (getpwnam("daemon"))[2,7];
```

```
@days[3..5] = qw(Wed Thu Fri);
```

```
@colors{'red','blue','green'} = (0xff0000,
0x0000ff, 0x00ff00);
```

```
@folks[0, -1] = @folks[-1, 0];
```

<http://perldoc.perl.org/perldata.html#Slices>



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