

# Agenda

## Morning

**Practice:** 45 minutes

**Strings, strings, strings:** 45 minutes

**Reading Files:** 30 minutes

**First Lab:** *CSV2Ugly*

## Afternoon

**Environment Set Up:** 30 minutes

**Reading CSV through DBI:** 1 hour

**Revisit Lab:** Finish *Bob, the Teenager*



# Practice

Day 18 or Day 3  
depending on how you look at it



# Cygwin

Open a Cygwin terminal

Change directory to your **\$USERPROFILE**

Change directory to you perl development directory

Create a directory named **day-345** and confirm you made it by listing stuff

Remove the directory named **day-345**

Create a directory named **day-3** and a subdirectory under **day-3** named **data**

# Cygwin

```
cd $USERPROFILE
```

```
cd dev/perl
```

```
mkdir day-345
```

```
ls
```

```
rmdir day-345
```

```
mkdir day-3
```

# Perl - Print Your Information

In the **day-3** directory, create **print-my-info.pl**, and open the file in your text editor.

Put in the standard header.

Declare ***one and only one*** variable named **\$me** and put in the following keys and their values:  
a string “name”, a number “number\_of\_fingers”, and a list “friends\_names”

Print the value of **\$me** using **Data::Dumper**

Print just the second name from your list of friends

# Perl Print Your Information

```
#!/usr/bin/env perl
use warnings;
use strict;
use Data::Dumper;

my %me = (
    "name" => "Curtis",
    "number_of_fingers" => 10,
    "friends_names" => [
        "Stacie",
        "Bryan",
        "Heather"
    ]
);

print(Dumper(%me));
print("My second friend is ",
    $me{"friends_names"}->[1],
    ".\n");
```

# Perl - Write to File

Open/create a file named **days\_of\_week.dat** and write the days of the week into the file, each on its own line, replacing any content that exists in the file

Open/create a file named **work.log** and write the current date/time to the end of the file on its own line.

# Perl Write to File

```
#!/usr/bin/env perl
use warnings;
use strict;

open(my $fh_dow, '>', 'days_of_week.dat')
    or die('Could not access days_of_week.dat');

my $days_of_week = <<DOW;
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
Sunday
DOW
print($fh_dow $days_of_week);

open(my $fh_work_log, '>>', 'work.log')
    or die('Could not access work.log');

print($fh_work_log scalar(localtime), "\n");
```



# String Theory

# Reading Files

# CSV2Ugly

<http://www.curtissimo.com/tiy-bcbs/day-18/>

# Agenda

## Morning

**Practice:** 45 minutes

**Strings, strings, strings:** 45 minutes

**Reading Files:** 30 minutes

**First Lab:** *CSV2Ugly*

## Afternoon

**Environment Set Up:** 30 minutes

**Reading CSV through DBI:** 1 hour

**Revisit Lab:** Finish *Bob, the Teenager*



# Environment Set-Up

Good morning!

# Install Perl Module DBD::CSV

```
perl -MCPAN -e 'install DBD::CSV'
```

(I had to run this twice...)

# CSVs as a Database