Including files or modules in PERL program

Spoken Tutorial Project
http://spoken-tutorial.org
National Mission on Education through ICT
http://sakshat.ac.in

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We will learn how to use

Learning Objectives

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System Requirements

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- **gedit Text Editor**

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- **If not, for relevant Perl tutorials, visit http://spoken-tutorial.org**

do

Syntax:
do filename / module name;

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- **These are simple ways to include the source code from other files into the current script file.**

require and use methods

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- when we have collections of subroutines
- that can be used in multiple Perl programs.

use method

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- **Verified at the time of compilation**
- **No need to give the file extension**

require method

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- **This method is used for both Perl programs and modules**
- **Verified at run time**
- **One needs to give the file extension**

use method

Syntax:

use module name;

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use module name;

- **Perl modules end with .pm extension**
- **Re-usability of code is implemented through modules**
- **These are similar to libraries in other languages.**

Summary

In this tutorial we have learnt to use

- **do method**
- **use method**
- **require method**

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<u>Note:</u> "use Module" is recommended over "require Module", because it determines module availability at compile time.

Assignment

1. Write a Perl progam **reminder.pl** where you will write a letter to the participants.

2. Prompt the user to enter **To** and **From** name.

3. Call the subroutines from **letter.pm** using **use** method.

Assignment (cont.)

4. Write the below functions in **letter.pm** file.
   - **LetterDate()** - returns the current date and time
   - **To()** - returns the name and address of the participants
   - **From()** - returns the sender name
   - **Lettermsg()** - returns the content of the letter
   - **Thanksmsg()** - returns Thanks and regards

The output should be displayed as shown here.

To: Mr. Ram, 23 Gandhi Nagar, Mumbai-400034.

From: Vikash

Date: Thu Aug 13 11:25:29 2015

Greetings!!

This is to remind you that your registration fees of Rs. 500.00 is pending.

If you have not yet made the payment, kindly do so immediately.

Thanks and regards,
Vikash.

About the Spoken Tutorial Project

- Watch the video available at http://spoken-tutorial.org /What_is_a_Spoken_Tutorial
- It summarises the Spoken Tutorial project
- If you do not have good bandwidth, you can download and watch it

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- **Conducts workshops using spoken tutorials**

- **Gives certificates on passing online tests**

- **For more details, please write to contact@spoken-tutorial.org**

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- **More information on this Mission is available at http://spoken-tutorial.org /NMEICT-Intro**