

Perl Overview and Installation

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

Amol Brahmkar

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Learning Objectives

In this tutorial, we will learn

- ▶ **PERL overview.**



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In this tutorial, we will learn

- ▶ PERL **overview**.
- ▶ **Installation steps for PERL on Ubuntu-Linux and Windows.**



System Requirements

- ▶ **You must be connected to the Internet.**



System Requirements

- ▶ **You must be connected to the Internet.**
- ▶ **Ubuntu.**



System Requirements

- ▶ You must be connected to the Internet.
- ▶ Ubuntu.
- ▶ Windows operating system.



System Requirements

- ▶ You must be connected to the Internet.
- ▶ Ubuntu.
- ▶ Windows operating system.
- ▶ For demonstration purpose, I will be using Ubuntu Linux 12.04 and Windows 7.



Pre-requisites

You must have

- ▶ **Synaptic Package Manager**
installed.



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Basic knowledge of

- ▶ **Terminal and Synaptic Package Manager in Ubuntu.**



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- ▶ **Synaptic Package Manager** installed.

Basic knowledge of

- ▶ **Terminal** and **Synaptic Package Manager** in Ubuntu.
- ▶ For relevant tutorials, visit <http://spoken-tutorial.org>



PERL Overview

- ▶ Perl is a general-purpose programming language.



PERL Overview

- ▶ Perl is a general-purpose programming language.
- ▶ It was originally developed for text manipulation.



PERL Overview

Now it is also used for

- ▶ **Web development,**



PERL Overview

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- ▶ Web development,
- ▶ Network programming,



PERL Overview

Now it is also used for

- ▶ Web development,
- ▶ Network programming,
- ▶ **GUI development etc.**



PERL Overview

- **It is very easy to understand.**



PERL Overview

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- ▶ **It does not have complex data structures like in C or JAVA.**



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- ▶ **It is well known for pattern matching.**



PERL Overview

- ▶ **It is very easy to understand.**
- ▶ **It does not have complex data structures like in C or JAVA.**
- ▶ **It is well known for pattern matching.**
- ▶ **Most importantly it is an open source language.**



PERL Installation on Ubuntu

- ▶ **No need to install PERL on Ubuntu 12.04 Operating System.**



PERL Installation on Ubuntu

- ▶ **No need to install PERL on Ubuntu 12.04 Operating System.**
- ▶ PERL **comes** by default **with** Ubuntu 12.04.



PERL Installation: Windows

- ▶ At the time of recording the Perl tutorials, version 5.14.2 was available.



PERL Installation: Windows

- ▶ **At the time of recording the Perl tutorials, version 5.14.2 was available.**
- ▶ **Now, there is a new PERL version available.**



PERL Installation: Windows

- ▶ I will be demonstrating the installation using the new PERL version 5.16.3.



PERL Installation: Windows

- ▶ I will be demonstrating the installation using the new PERL version 5.16.3.
- ▶ All the commands shown in the tutorials will work perfectly with the new version as well.



Summary

In this tutorial we have learnt-

- Overview of PERL.



Summary

In this tutorial we have learnt-

- ▶ Overview **of** PERL.
- ▶ Installation instructions **of** PERL **for** Ubuntu 12.04 **and**



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In this tutorial we have learnt-

- ▶ Overview **of** PERL.
- ▶ Installation instructions **of** PERL **for** Ubuntu 12.04 **and**
- ▶ Windows 7 **operating system.**



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



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- ▶ If you do not have good bandwidth, you can download and watch it



Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- ▶ Conducts workshops using spoken tutorials
- ▶ Gives certificates to those who pass an online test
- ▶ For more details, please write to contact@spoken-tutorial.org



Acknowledgements

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- ▶ It is supported by the National Mission on Education through ICT, MHRD, Government of India
- ▶ More information on this Mission is available at

<http://spoken-tutorial.org/NMEICT-Intro>

