

# Getting Started With Java Installation

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

Arya Ratish

IIT Bombay

10 April 2012



Talk to a Teacher



# Learning Objectives



# Learning Objectives

- **To install the JDK using Synaptic Package Manager.**



# Learning Objectives

- To install the JDK using Synaptic Package Manager.
- **Why Java?**



# Learning Objectives

- To install the JDK using Synaptic Package Manager.
- Why Java?
- **Types and applications of Java.**



# System Requirements



# System Requirements

- **Ubuntu 11.10 OS**



# System Requirements

- **Ubuntu 11.10 OS**
- **JDK 1.6**



# Prerequisites



# Prerequisites

- **Internet connection**



# Prerequisites

- Internet connection
- Synaptic Package Manager



# Prerequisites

- Internet connection
- Synaptic Package Manager
- Knowledge of terminal



# Prerequisites

- Internet connection
- Synaptic Package Manager
- Knowledge of terminal
- Please refer to the spoken tutorial on Linux available at <http://spoken-tutorial.org>



# URL for Java Documents



# URL for Java Documents

- **To run a java program we need to install the JDK, Java Development Kit.**



# URL for Java Documents

- To run a java program we need to install the JDK, Java Development Kit.
- To learn more about JDK you could visit the following link:  
<http://docs.oracle.com/javase/6/docs/index.html>.



# Using Synaptic Package Manager



# Using Synaptic Package Manager

- **Root permissions**



# Using Synaptic Package Manager

- Root permissions
- **Choose a repository**



# Why Java?



# Why Java?

- **Simple**



# Why Java?

- Simple
- Object oriented



# Why Java?

- Simple
- Object oriented
- **Platform independent**



# Why Java?

- Simple
- Object oriented
- Platform independent
- **Safe**



# Why Java?

- Simple
- Object oriented
- Platform independent
- Safe
- **High Performance**



# Why Java?

- Simple
- Object oriented
- Platform independent
- Safe
- High Performance
- **Multi-threaded**



# Types and Applications of Java



# Types and Applications of Java

- **JSP or Java Server Pages**



# Types and Applications of Java

- JSP or Java Server Pages
- **Java Applets**



# Types and Applications of Java

- JSP or Java Server Pages
- Java Applets
- **J2EE or Java Enterprise Edition**



# Types and Applications of Java

- JSP or Java Server Pages
- Java Applets
- J2EE or Java Enterprise Edition
- **JavaBeans**



# Types and Applications of Java

- JSP or Java Server Pages
- Java Applets
- J2EE or Java Enterprise Edition
- JavaBeans
- **Mobile Java**



# Summary



Talk to a Teacher



# Summary

- To install the JDK using Synaptic Package Manager.
- Why Java?
- Types and applications of Java.



# About the Spoken Tutorial Project

- Watch the video available at [http://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](http://spoken-tutorial.org/What_is_a_Spoken_Tutorial)
- It summarises the Spoken Tutorial project



# About the Spoken Tutorial Project

- Watch the video available at [http://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](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



# 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](mailto:contact@spoken-tutorial.org)



# Acknowledgements

- Spoken Tutorial Project is a part of the Talk to a Teacher project
- 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>



- <http://www.spoken-tutorial.org/>
- Thank you

