

# Spoken Tutorial Handling Images in a Java GUI Application

**Talk to a Teacher**

<http://spoken-tutorial.org>

**National Mission on Education through ICT**

<http://www.sakshat.ac.in>

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# Prerequisites

- ▶ Knowledge of Netbeans



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- ▶ Know to place text fields, buttons, menus etc. on a JFrame form



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- ▶ If not, please visit <http://spoken-tutorial.org> for relevant tutorials on Netbeans



# Introduction

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- ▶ We will learn in detail about handling images



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- ▶ **And, perform actions on them, in a sample GUI application**



# System Setup

## ► Ubuntu 11.04



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- ▶ **Netbeans v7.1.1**



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- ▶ We will learn to use the IDE's GUI builder to generate the code to include images
- ▶ And create a simple JFrame with one JLabel displaying an image



Talk to a Teacher

# Lesson Outline

In this tutorial, we will

- ▶ Create the application form



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- ▶ **Build and run the application**



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  - ▶ mouse-click event
  - ▶ **mouse-wheel event**



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- ▶ added a package for the image
- ▶ displayed the image on the label
- ▶ **created mouse-events and pop-ups**



# 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, contact

[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

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



# About the contributor

## IT for Change, Bengaluru

- ▶ This tutorial has been contributed by IT for Change



# About the contributor

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- ▶ This tutorial has been contributed by IT for Change
- ▶ Thank you

