

Trace Bitmap in Inkscape

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Learning Objectives



Learning Objectives

In this tutorial we will learn



Learning Objectives

In this tutorial we will learn

- Difference between raster and vector image



Learning Objectives

In this tutorial we will learn

- Difference between **raster** and **vector** image
- **Various raster and vector formats**



Learning Objectives

In this tutorial we will learn

- Difference between **raster** and **vector** image
- Various **raster** and **vector** formats
- **Convert raster image to vector**



System requirements

To record this tutorial, I am using



System requirements

To record this tutorial, I am using

- Ubuntu Linux 12.04



System requirements

To record this tutorial, I am using

- Ubuntu Linux 12.04
- Inkscape version 0.91



Raster formats

Some of the **raster** image formats are



Raster formats

Some of the **raster** image formats are

- **JPEG**



Raster formats

Some of the **raster** image formats are

- JPEG
- PNG



Raster formats

Some of the **raster** image formats are

- JPEG
- PNG
- TIFF



Raster formats

Some of the **raster** image formats are

- JPEG
- PNG
- TIFF
- GIF



Raster formats

Some of the **raster** image formats are

- JPEG
- PNG
- TIFF
- GIF
- **BMP**



Vector formats

Some of the **vector** image formats are



Vector formats

Some of the **vector** image formats are

- **SVG**



Vector formats

Some of the **vector** image formats are

- SVG
- AI



Vector formats

Some of the **vector** image formats are

- SVG
- AI
- CGM



Raster & Vector formats

Some of the **vector** and **raster** image formats are



Raster & Vector formats

Some of the **vector** and **raster** image formats are

- PDF



Raster & Vector formats

Some of the **vector** and **raster** image formats are

- PDF
- EPS



Raster & Vector formats

Some of the **vector** and **raster** image formats are

- PDF
- EPS
- SWF



Summary

We have learnt to

- Difference between **raster** and **vector** image
- Various **raster** and **vector** formats
- Convert **raster** image to **vector**



Assignment

- select the train image which is given in your code files link and convert it to a **vector** in **grays**



About the Spoken Tutorial Project

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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



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- More information on this Mission is available at

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

