

Plugins

Spoken Tutorial Project

<https://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Learning Objectives



Learning Objectives

- ▶ **Enable Core Plugins**



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- ▶ **Enable Core Plugins**
- ▶ **Install an External Plugin**



Learning Objectives

- ▶ **Enable Core Plugins**
- ▶ **Install an External Plugin**
- ▶ **Locate a Plugin on QGIS interface**



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- ▶ **Enable Core Plugins**
- ▶ **Install an External Plugin**
- ▶ **Locate a Plugin on QGIS interface**
- ▶ **Install QuickMapServices Plugin**



Learning Objectives



Learning Objectives

- ▶ **Download OpenStreetMap data**



Learning Objectives

- ▶ **Download OpenStreetMap data**
- ▶ **Use QuickOSM Plugin to convert osm data to shapefile**



Learning Objectives

- ▶ Download **OpenStreetMap** data
- ▶ Use **QuickOSM** Plugin to convert osm data to shapefile
- ▶ **View 3D visualization of a map layer using Qgis2threejs Plugin**



System Requirements



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- ▶ **Ubuntu Linux OS v16.04**



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- ▶ **QGIS v2.18**
- ▶ **Mozilla Firefox browser 54.0**
- ▶ **Working internet connection**



Pre-requisites



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- ▶ **QGIS interface**



Pre-requisites

- ▶ **QGIS interface**
- ▶ <https://spoken-tutorial.org>



About Plugins



About Plugins

- ▶ **QGIS Plugins** add useful features to the software



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- ▶ **They are written by developers and other independent users**



About Plugins

- ▶ **QGIS Plugins** add useful features to the software
- ▶ They are written by developers and other independent users
- ▶ **Plugins option is available on menu bar on the QGIS interface**



About Plugins



About Plugins

Plugins have the ability to,

- ▶ **insert menu items at various locations on the interface**



About Plugins

Plugins have the ability to,

- ▶ insert menu items at various locations on the interface
- ▶ **create new panels and toolbars**



Summary



Summary

- ▶ Enable **Core** Plugins
- ▶ Install an **External** Plugin
- ▶ Locate a Plugin on QGIS interface
- ▶ Install **QuickMapServices** Plugin



Summary



Summary

- ▶ Download OpenStreetMap data
- ▶ Use **QuickOSM** Plugin to convert osm data to shapefile
- ▶ View 3D visualization of a map layer using **Qgis2threejs** Plugin



Assignment

- ▶ Create three dimensional buildings map for **Bangalore** area
- ▶ Hint: Use OpenStreetMap data zoomed in to **Bangalore** area



About the Spoken Tutorial Project

- ▶ Watch the video available at https://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- ▶ It summarises 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



Forum for specific questions

- ▶ Do you have questions in **THIS Spoken Tutorial?**
- ▶ Please visit <https://forums.spoken-tutorial.org>
- ▶ Choose the minute and second where you have the question
- ▶ Explain your question briefly
- ▶ Someone from our team will answer them



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

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

