Creating a sphere in GMSH

Spoken Tutorial Project
http://spoken-tutorial.org
National Mission on Education through ICT
http://sakshat.ac.in

Pavan Mehta

IIT Bombay

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Learning Objectives

- **Create a circular arc**

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- **Basic manipulations using the file with extension .geo**

System Requirement

- **Ubuntu Linux Operating system 14.04**

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- **GMSH version 2.8.5**

Pre-requisite

- **User should have basic knowledge of creating points**

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- **If not, refer to the `GMSH` spoken tutorials in the `OpenFOAM` series on http://spoken-tutorial.org**

Points for Sphere

- **The origin of the sphere is at (0,0,0)**

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- **The origin of the sphere is at (0,0,0)**
- **Other points are (-1,0,0), (1,0,0), (0,-1,0), (0,1,0), (0,0,-1), (0,0,1)**

Summary

In this tutorial we learnt to:

- Create curved lines and surfaces
- Create a sphere and
- Basic manipulations using the file with extension .geo

Assignment

- **Create a sphere with a larger radius**

FOSSEE

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- **This project promotes the use of free and open source software tools**

- **For more details, please visit: http://fossee.in/**

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**