Handling unsafe designs in Osdag

Spoken Tutorial Project
https://spoken-tutorial.org
National Mission on Education through ICT

Anandajith TS
FOSSEE, IIT Bombay
7 December 2022

Learning Objectives

In this tutorial, we will learn how to

Learning Objectives

In this tutorial, we will learn how to

▶ **Interpret the log messages in Osdag**

In this tutorial, we will learn how to

▶ **Interpret the log messages in Osdag**

▶ **Read ERROR, WARNING and INFO messages**

Learning Objectives

In this tutorial, we will learn how to

- ▶ **Interpret the log messages in Osdag**
- ▶ **Read ERROR, WARNING and INFO messages**
- ▶ **Rectify an unsafe design using log messages**

System Requirements

To record this tutorial, I am using

System Requirements

To record this tutorial, I am using
- ▶ **Windows 11**

System Requirements

To record this tutorial, I am using

- ▶ **Windows 11**
- ▶ **Osdag v2021.02.a.a12f**

To follow this tutorial you should have,

To follow this tutorial you should have,
- ▶ **Osdag installed on your system**

Pre-requisites

To follow this tutorial you should have,

▶ **Osdag installed on your system**

▶ **Basic knowledge of structural steel design**

Pre-requisites

To follow this tutorial you should have,

- ▶ **Osdag installed on your system**
- ▶ **Basic knowledge of structural steel design**

The pre-requisite tutorials are available on https://spoken-tutorial.org

Summary

In this tutorial, we have

- ▶ **Interpreted the log messages**
- ▶ **Read ERROR, WARNING and INFO messages**
- ▶ **Rectified an unsafe design using log messages**

Assignment

As an assignment,

- ▶ **For the same design example**
  - ▶ **Read the INFO messages**
  - ▶ **Optimize the design solution by referring the suggestions in the INFO messages**

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**

- ▶ **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**

Answers for THIS Spoken Tutorial

- ▶ **Questions in THIS Spoken Tutorial**
- ▶ **Visit https://forums.spoken-tutorial.org/**
- ▶ **Choose the minute and second where you have the question**
- ▶ **Explain your question briefly**
- ▶ **The Spoken Tutorial project will ensure an answer**
- ▶ **You will have to register to ask questions**

FOSSEE Forum

▶ **For any general or technical questions on Osdag, visit the FOSSEE forum and post your question https://forums.fossee.in/**

Sample Design Examples

▶ **The Osdag team at FOSSEE creates sample design examples for self-learning**

▶ **These examples can be practised using the Osdag software**

▶ **For more details, please visit: https://osdag.fossee.in/resources /sample-design**

Acknowledgements

Thank You!

- **This is Anandajith TS, FOSSEE IIT Bombay signing off**
- **Thanks for joining**