Installation of GUI Builder Toolbox

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

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Learning Objectives

In this tutorial, we will learn to:

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In this tutorial, we will learn to:

- **Install GUI Builder Toolbox.**

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In this tutorial, we will learn to:

- Install GUI Builder Toolbox.
- **About GUIBuilder Palette.**

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In this tutorial, we will learn to:

- **Install GUI Builder Toolbox.**
- **About GUIBuilder Palette.**
- **Create a Graphical User Interface using GUI Builder Toolbox.**

Learning Objectives

- **Add Tag and String for the object.**

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- **Add Tag and String for the object.**
- **Generate a static response on the Scilab console.**

To record this tutorial, I am using

System Requirements

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- **Windows 10 OS**

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- **Scilab 6.1.0**

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The process demonstrated in this tutorial is identical in Linux OS also.

For the installation of GUI Builder Toolbox, a working Internet connection is required.

To follow this tutorial:

Pre-requisites

To follow this tutorial:

- **The learner must have basic knowledge of Scilab.**

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- **For pre-requisite Scilab tutorials please visit https://spoken-tutorial.org**

GUI Builder toolbox in Scilab:

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- **Is one of the ways to create a GUI.**

What is GUI Builder Toolbox?

GUI Builder toolbox in Scilab:

- **Is one of the ways to create a GUI.**
- **GUI is the abbreviation for Graphical User Interface.**

Advantages of using GUI Builder Toolbox

- **The toolbox auto-generates a Scilab code for a GUI with object handle properties.**

Advantages of using GUI Builder Toolbox

- The toolbox auto-generates a Scilab code for a GUI with object handle properties.

- This allows the user to build the GUI with ease.

Advantages of using GUI Builder Toolbox

- **In the absence of this toolbox, users must write code from scratch to build the GUI.**

Summary

In this tutorial, we:

- **Installed the GUI Builder Toolbox.**
- **Learnt about the GUIBuilder Palette.**
- **Created a Graphical User Interface using GUI Builder Toolbox.**

Summary

- **Learnt about Tag and String for the object.**
- **Generated a static response on the Scilab console.**

Add one more pushbutton to the current GUI as described below,

- Add String name as 'Press here' for the Pushbutton.
- Write a callback function to display the message 'Good day!' on the Scilab console.

About 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 Scilab, visit the FOSSEE forum and post your question.**
  https://forums.fossee.in/

Textbook Companion Project

- **The FOSSEE team coordinates the Textbook Companion project.**

- **We give Certificates and Honorarium to the contributors.**

- **For more details, please visit: https://scilab.in/ Textbook_Companion_Project**

Lab Migration

- **The FOSSEE team coordinates the Lab Migration project.**
- **For more details, please visit: https://scilab.in/ Lab_Migration_Project**

Acknowledgements

- **The Spoken Tutorial project is funded by the Ministry of Education, Government of India.**

Thank you

- **This is Amandeepsingh Siddhu, a FOSSEE intern 2021, IIT Bombay signing off.**
- **Thanks for joining.**