

Object properties and alignment in GUI

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:

- **Change the properties of an object.**



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- **Change the size of an object.**



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- Change the size of an object.
- **Change the alignment of objects in the GUI window.**



System Requirements

To record this tutorial, I am using:



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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 similar in Linux OS.



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To follow this tutorial:



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- **The learner must have basic knowledge of Scilab and Graphical User Interface.**



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- The learner must have basic knowledge of Scilab and Graphical User Interface.
- For pre-requisite Scilab tutorials please visit <https://spoken-tutorial.org>



Code Files

- **The files used in this tutorial are provided in the Code files link.**



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- **Please download and extract the files.**



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- **Make a copy and then use them while practising.**



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- **To learn more about it, users need to type a command in the Scilab Console.**



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- **Type 'help uicontrol_properties' to see the detailed help.**



Summary

In this tutorial, we have:

- **Changed the properties of an object.**
- **Changed the size of an object.**
- **Changed the alignment of objects in the GUI window.**



Assignment

- **Change the Background color of the Edit box to [1,0,0]. Observe the color.**
- **Change the FontSize to 18 units for the Edit box.**



Assignment

- **Rearrange the objects as follows:**
 - **Edit box to the left of Print Pushbutton.**
 - **Text box to the right of Print Pushbutton.**
- **Now, place the objects with equal spacing.**



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.



- 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](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](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.**

