

Example Scripts and Demo Folder

Spoken Tutorial Project

<https://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Learning Objectives



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- ▶ **About gnuplot terminal and the graphics interface**



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- ▶ **About gnuplot terminal and the graphics interface**
- ▶ **About the demo folder of gnuplot**



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- ▶ **About the demo folder of gnuplot**
- ▶ **About example script files**



Learning Objectives

- ▶ **About gnuplot terminal and the graphics interface**
- ▶ **About the demo folder of gnuplot**
- ▶ **About example script files**
- ▶ **To load the script file to generate a graph**



System Requirements



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► Debian Linux 9.3



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- ▶ `gnuplot 5.2.6`



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- ▶ **gnuplot 5.2.6**
- ▶ **Gedit text editor 3.22**
- ▶ **Firefox web browser 52.5**
- ▶ **Working Internet connection to access online script files**



Pre-requisites



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- ▶ **Learner must be familiar with high school level Mathematics**



Extract gnuplot-5.2.6 Folder



Extract gnuplot-5.2.6 Folder

- At the time of installation, we downloaded and extracted the `gnuplot` folder



Extract gnuplot-5.2.6 Folder

- ▶ **At the time of installation, we downloaded and extracted the gnuplot folder**
- ▶ **Generally, the folder gnuplot-5.2.6 would be in the Downloads folder**



Extract gnuplot-5.2.6 Folder



Extract gnuplot-5.2.6 Folder

- If you had saved it elsewhere, then use that location for the next steps



Missing gnuplot Folder



Missing gnuplot Folder

- ▶ **What should you do in case the `gnuplot` folder is missing on your machine?**



Missing gnuplot Folder

- ▶ **What should you do in case the `gnuplot` folder is missing on your machine?**
- ▶ **You have to follow the steps explained in the pre-requisite tutorials in this series**



Help Forum



Help Forum

- ▶ If we need help at any time, we can go to this URL

<https://sourceforge.net/p/gnuplot/discussion/>



Summary



Summary

- ▶ **About `gnuplot` terminal and the graphics interface**
- ▶ **About the demo folder of `gnuplot`**
- ▶ **About example script files**
- ▶ **Loaded the script file to generate a graph**



Assignment



Assignment

- ▶ **Open some more example files of your choice in `gnuplot`**
- ▶ **Observe the graphic output and the variations in plot styles**



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



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>

