Using SBHS Virtual labs on Windows OS

Talk To a Teacher
http://sakshat.ac.in
National Mission on Education through ICT
http://spoken-tutorial.org

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Message for linux users

Although this tutorial demonstrates using a `Windows` **OS, the process remains same for** `Linux` **OS, unless specified.**

Objectives

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- Software installations required on the remote users computer
- Using SBHS website
- Performing a Step test experiment remotely

Prerequisites

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- **I am using Windows-7 32-bit OS**

- **Ensure that Scilab is installed on your computer.**

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- **Scilab can be downloaded from sbhs.os-hardware.in/downloads OR www.scilab.org**
- **You will need Internet connectivity to install Scilab**

Message for linux users

Linux users have to install scilab via the `Synaptic Package Manager` **or download a portable linux version of scilab from links mentioned in the previous slide.**

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- **Higher version of Scilab will work equally well**
- **Code modified in a higher version of Scilab cannot be re-used in a lower version**

Linux users have to download SBHS scilab code for linux, carefully choosing between 32 and 64 bit.

Do not change the contents of config file if

Proxy settings

Do not change the contents of config file if

- **You are inside IIT Bombay**

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- **You are outside IIT Bombay and using an open network**

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- **You are inside IIT Bombay**
- **You are outside IIT Bombay and using an open network**
- **For e.g. at home or using a mobile Internet**

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- **For e.g. at an institute, office etc.**

Message for linux users

Double clicking may not work for linux users. If so, open the file manually inside the scilab editor using the `File` **menu.**

Please check the current working directory using the command `pwd`**. The working directory should be** `StepTest`**. If not, it has to be changed using the** `Change Current Directory` **option available in** `File` **menu**

Summary

In this tutorial, we have learnt,

- **What are the software to be installed**

- **How to use the SBHS virtual labs website**

- **How to use the python based SBHS client application**

- **How to execute the scilab code of an experiment**

- **Watch the video available at http://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**

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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:**
  http://spoken-tutorial.org /NMEICT-Intro