Connecting SBHS to Computer

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

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Objectives

In this spoken tutorial we will learn:

- **To set up physical communication between SBHS and computer**

In this spoken tutorial we will learn:

- **To set up physical communication between SBHS and computer**
- **To install USB driver**

Prerequisites

SBHS with power cable and

+

USB/RS232 communication cable

OR

On a Windows machine

- **FTDI VCP USB driver**

Prerequisites

On a Windows machine

- **FTDI VCP USB driver**
- **You may download it from: www.ftdichip.com/Drivers /VCP.htm**

Setting up

- **Computer and SBHS can be connected using a USB cable or RS232 cable.**
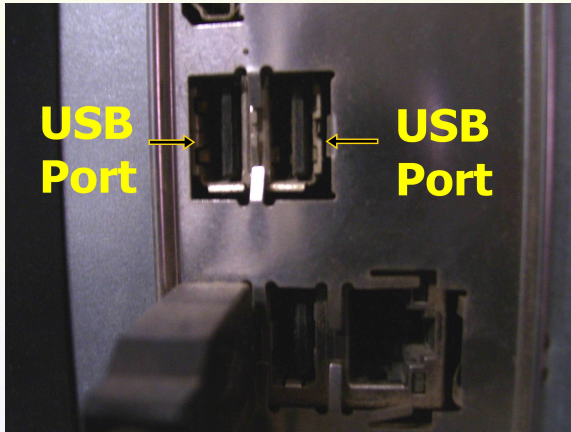
- **Computer and SBHS can be connected using a USB cable or RS232 cable.**

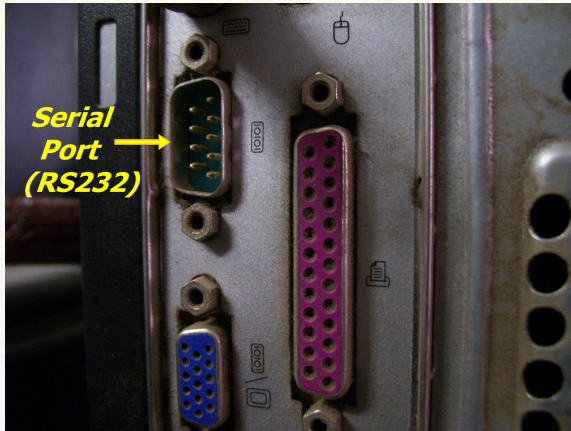- **Identify the corresponding ports on Computer and SBHS**
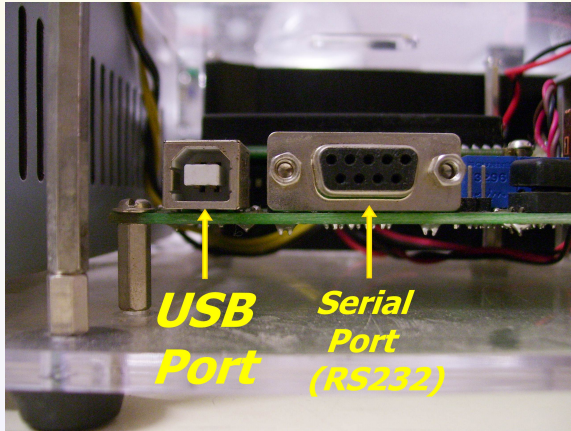
Setting up

USB ports on computer back panel

Setting up

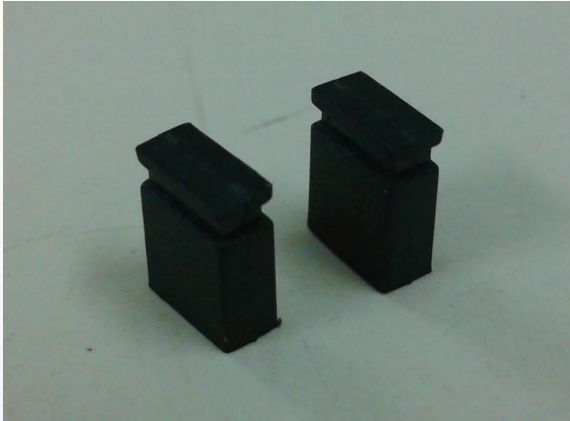**Serial port on computer back panel**

Setting up

USB and Serial port on SBHS
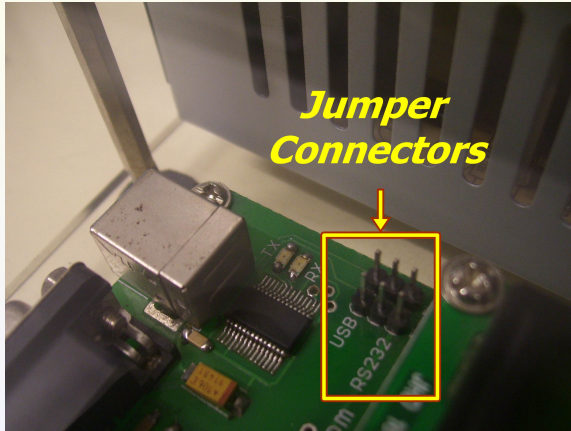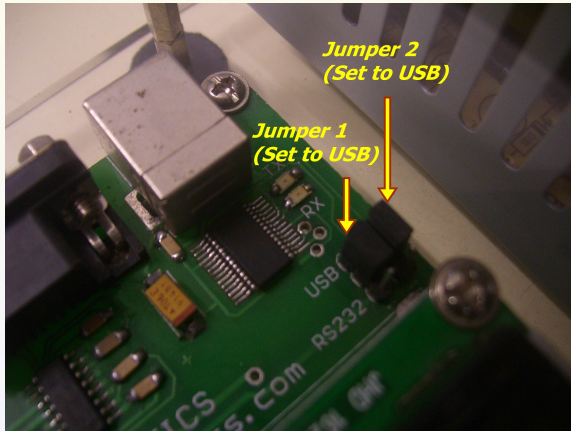
Jumpers to be used to select USB or RS232 port

Setting up

Jumper connectors on SBHS

Jumpers connected to select USB port
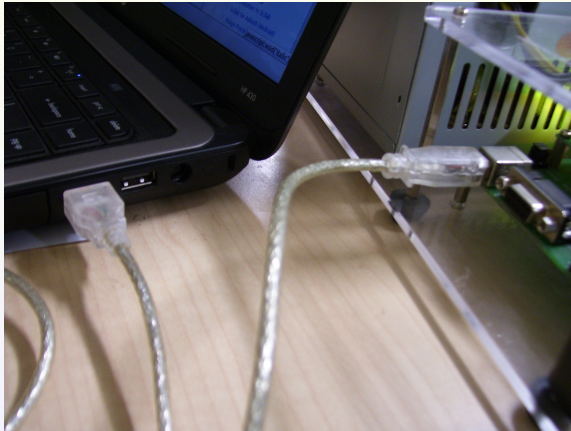
Connect the power cable as shown

SBHS Display

Note that what is displayed on the display may vary from what is shown. But it should certainly not be blank.

Connect USB cable to SBHS and Computer as shown

Always make sure that you

- ▶ **First connect the Power Cable and**
- ▶ **Then the USB cable.**

Download the driver installation guide from

www.ftdichip.com

Summary

1. **Connect SBHS and computer**
   - **Choosing RS232/USB port**
   - **Jumper settings**
   - **Powering ON the SBHS**
2. **Install USB driver**
   - **Downloading installation guide**
   - **Following the guide and installing the driver**

About the Spoken Tutorial Project

- **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**

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

Acknowledgements

- **Spoken Tutorial Project is a part of the Talk to a Teacher project**
- **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