Installation of LDmicro on Linux

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

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Learning Objectives

We will see how to install

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- **LDmicro**

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- **AVRDUDE**
- **Drivers for USBasp programmer**

System Requirements

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- **Ubuntu Linux 18.04 operating system**

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- **USBasp programmer**

Installation Error

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Error: "dpkg: dependency problems prevent configuration of LDmicro"

Solution: sudo apt install qt5-default

What is AVRDUDE?

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- **AVRDUDE stands for AVR Downloader Uploader**

What is AVRDUDE?

- **AVRDUDE stands for AVR Downloader Uploader**
- **It is a tool for downloading or uploading the on-chip memories of AVR microcontrollers**

USBasp Programmer

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Why USBasp drivers?

- **A USBasp programmer is used to program the controller on OpenPLC Mainboard**

Why USBasp drivers?

- **A USBasp programmer is used to program the controller on OpenPLC Mainboard**
- **AVRDUDE will not recognize the USBasp if drivers are not installed**

Summary

We learnt to install

- **LDmicro**
- **AVRDUDE**
- **Drivers for USBasp programmer**

- 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

Forum for Specific Questions

- **The Spoken Tutorial forum is for specific questions on this tutorial**
- **Please do not post unrelated and general questions on them**
- **This will help reduce the clutter**
- **With less clutter, we can use these discussion as instructional material**

Forum for specific questions

- **Questions not related to the Spoken Tutorial?**

- **Do you have general / technical questions on the Software?**

- **Please visit the FOSSEE Forum**

  https://forums.fossee.in/

- **Choose the Software and post your question**

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THANK YOU!

For more Information, visit our website
https://fossee.in/