

Loading and Unloading a Module

Spoken Tutorial Project

<https://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Learning Objective



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- **insmod** tool to load a module



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- **insmod** tool to load a module
- **rmmod** tool to unload a module



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- **insmod** tool to load a module
- **rmmod** tool to unload a module
- **dmesg** command



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- **insmod** tool to load a module
- **rmmod** tool to unload a module
- **dmesg** command
- **depmod, modprobe, objdump**
tools



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- gedit text editor



Prerequisites



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If not, then go through the C/C++ and Linux spoken tutorials on

<https://spoken-tutorial.org>



Summary



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- **insmod** tool to load a module
- **rmmod** tool to unload a module
- **dmesg** command
- **depmod, modprobe, objdump** tools



Assignment

- 1 Open the `simple_module.c` file
- 2 Change the message in `printk` function of `init_function`
- 3 Load the module using `insmod` tool



Assignment (cont.)

- 4 See the output of **dmesg** command
- 5 Remove the module using **rmmod** tool



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 Workshop

The Spoken Tutorial Project Team

- Conducts workshops using spoken tutorials
- Gives certificates on passing online tests
- For more details, please write to contact@spoken-tutorial.org



Forum questions

- 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 to specific questions

- Questions not related to the Spoken Tutorial?
- Do you have general / technical questions on the Embedded Linux Device Driver?
- 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/>

