

Globbing and export command

Talk to a Teacher Project

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://www.sakshat.ac.in>

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IIT Bombay

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Learning Objectives



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▶ Globbing



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- ▶ **Globbering**
- ▶ `export` **command**



Prerequisite



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- ▶ **You should be familiar with Linux Operating System**



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- ▶ You should be familiar with **Linux Operating System**
- ▶ **If not, for relevant tutorials please visit <http://spoken-tutorial.org>**



System Requirements



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- ▶ **Ubuntu Linux 12.04 OS**



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- ▶ **GNU Bash version 4.1.10**



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- ▶ **GNU Bash version 4.1.10**
- ▶ **GNU Bash version 4 or above is recommended for practice**



Globbering



Globbing

- ▶ **Filename/pathname expansion carried by BASH**



Globbing

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- ▶ **Globbing recognize and expands wildcards**



Globbing

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- ▶ **Globbing recognize and expands wildcards**
- ▶ **Also, interpretes standard wildcard characters like**



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export command



export command

- ▶ Variables are **local** to their own Shell



export command

- ▶ Variables are **local** to their own Shell
- ▶ **Local variables** can be used by same Shell or by the current Shell



export command



export command

- ▶ Exports a variable or a function to the environment of all child processes



export command

- ▶ Exports a variable or a function to the environment of all child processes
- ▶ Can also change a local variable to a global variable



Summary

- ▶ **Globbering**
- ▶ `export` **command**



Assignment

- ▶ Write a Bash script to do all operations discussed under **Globbing**



About the Spoken Tutorial Project

- ▶ Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
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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



Acknowledgments

- ▶ 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>

