# **Check Disk Space Usage in Linux**

**Steps to Check Disk Space Usage in Linux:**

1. Display the result in a human-readable format.

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| df -h |

1. Display information of file system usage in MB.

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| df -m |

1. Display file system usage in KB.

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| df -k |

1. Show the file system type (a new column will appear).

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| df -T |

1. See details about a certain file system (in this case, the /home file system) in a comprehensible format.

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| df /home |

**Steps to Check Disk Usage in Linux Using the du Command:**

1. Allows users to view the disc utilization of their desktop files and folders (including subdirectories).

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| du /home/user/Desktop |

1. Displays information in a human-readable format.

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| du -h /home/user/Desktop |

1. Give total size of a specified folder (Desktop in this case).

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| du -sh /home/user/Desktop |

1. Provides folder and file sizes in Megabytes.

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| du -m /home/user/Desktop |

1. Informs the last modification date of the displayed folders and files.

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| du -h --time /home/user/Desktop |

**Steps to Combining Commands and Cleaning Disk Space:**

1. Sorting files by size.

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| du -h /home/user/Desktop | sort -rn |

1. Excluding by file size.

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| du -h /home/user/Desktop | grep '^\s\*[0-9\.]\+G' |

1. Excluding file types.

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| du -h /home/user/Desktop/ --exclude="\*.txt" |