

# 1 CheatSheet: cp & rsync

## LINUX

- PDF Link: [cheatsheet-copy-A4.pdf](#), Category: linux
- Blog URL: <https://cheatsheet.dennyzhang.com/cheatsheet-copy-A4>
- Related posts: CheatSheet: Linux Find, CheatSheet: shell

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## 1.1 cp

Name	Comment
Copy one file	<code>cp /etc/hosts /tmp/hosts</code>
Copy one folder	<code>cp -r /usr/local/bin/ /tmp/bin/</code>
Copy for backup	<code>cp /tmp/hosts{,.bak}, ls -lth /tmp/hosts*</code>
Create a copy but ask confirmation for overwrite	<code>cp -i ~/foo.txt /tmp/foo.txt</code>
Create a copy for backup with timestamp as suffix	<code>cp myfile.txt{,."\$(date +%Y%m%d-%H%M%S)"}&gt;</code>

## 1.2 rsync

Name	Comment
Copy files by checking timestamp	<code>rsync -av \$src_dir \$dest_dir</code>
Copy files by comparing checksum	<code>rsync -avc \$src_dir \$dest_dir</code>

## 1.3 More Resources

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