

## Combining Commands with For

This tip shows you how to run similar commands in a loop to avoid typing in the same command over and over again. For example, untarring several tar.gz files. Or perhaps renaming files with similar extensions.

### Code Listing 1: for and tar

```
# for n in *.tar.gz; do tar -zxvf $n; done
```

This next instance demonstrates removing the .dist extension of several files.

### Code Listing 2: for and mv

```
# for n in *.dist; do mv $n `basename $n .dist`; done
```

If necessary, you could combine it with find to rename all .phtml files in /home/httpd/htdocs to .php

### Code Listing 3: for and find

```
# cd /home/httpd/htdocs
# for n in `find -type f -name '*.phtml'`;
  do mv $n `basename $n .phtml`.php; done
```

From <http://www.gentoo.org/news/en/gwn/20030609-newsletter.xml>

```
image:rdf newsfeed //static.linuxhowtos.org/data/rdf.png (null)
|
image:rss newsfeed //static.linuxhowtos.org/data/rss.png (null)
|
image:Atom newsfeed //static.linuxhowtos.org/data/atom.png (null)
- Powered by
image:LeopardCMS //static.linuxhowtos.org/data/leopardcms.png (null)
- Running on
image:Gentoo //static.linuxhowtos.org/data/gentoo.png (null)
-
Copyright 2004-2020 Sascha Nitsch Unternehmensberatung GmbH
image:Valid XHTML1.1 //static.linuxhowtos.org/data/xhtml1.png (null)
:
image:Valid CSS //static.linuxhowtos.org/data/css.png (null)
:
image:buttonmaker //static.linuxhowtos.org/data/buttonmaker.png (null)
- Level Triple-A Conformance to Web Content Accessibility Guidelines 1.0 -
- Copyright and legal notices -
Time to create this page: ms
<!--
image:system status display /status/output.jpg (null)
```

-->

bodyloaded();