

```
joe@www-thegummibear:~$ echo "Another web app demo. This time I will install php myadmin which allows me to manage my MySQL databases from a web page"
```

```
Another web app demo. This time I will install phpmyadmin which allows me to manage my MySQL databases from a web page
```

```
joe@www-thegummibear:~$ █
```

```
squishy IN CNAME www
nginx IN CNAME examplefs
iateat IN CNAME www
; I added bouncy for my php script demo
bouncy IN CNAME www
; here is my addition for my wordpress app
wp IN CNAME www
; here is my addition for my phpmyadmin app
phpmyadmin IN CNAME www

goeey IN A 144.38.199.170
sticky IN A 144.38.199.171
brown IN A 144.38.217.10
chunky IN A 144.38.217.10
saucy IN A 144.38.217.11
corny IN A 144.38.217.12
nas IN A 144.38.194.8
trump IN A 144.38.199.172
hillary IN A 144.38.199.172

fs IN CNAME filesystem
blue IN CNAME www
red IN CNAME www
```

joe@www-thegummibear: ~

joe@www-thegum... x joe@ns1-thegummi... x joe@db-thegummi... x joe@yavin: ~/f16/it... x

```
joe@www-thegummibear:~$ sudo vi /etc/apache2/sites-available/phpmyadmin.thegummi  
bear.com.conf
```


joe@www-thegummibear: ~

joe@www-thegum... × joe@ns1-thegummi... × joe@db-thegummi... × joe@yavin: ~/f16/it... ×

```
joe@www-thegummibear:~$ sudo a2ensite phpmyadmin.thegummibear.com.conf
```

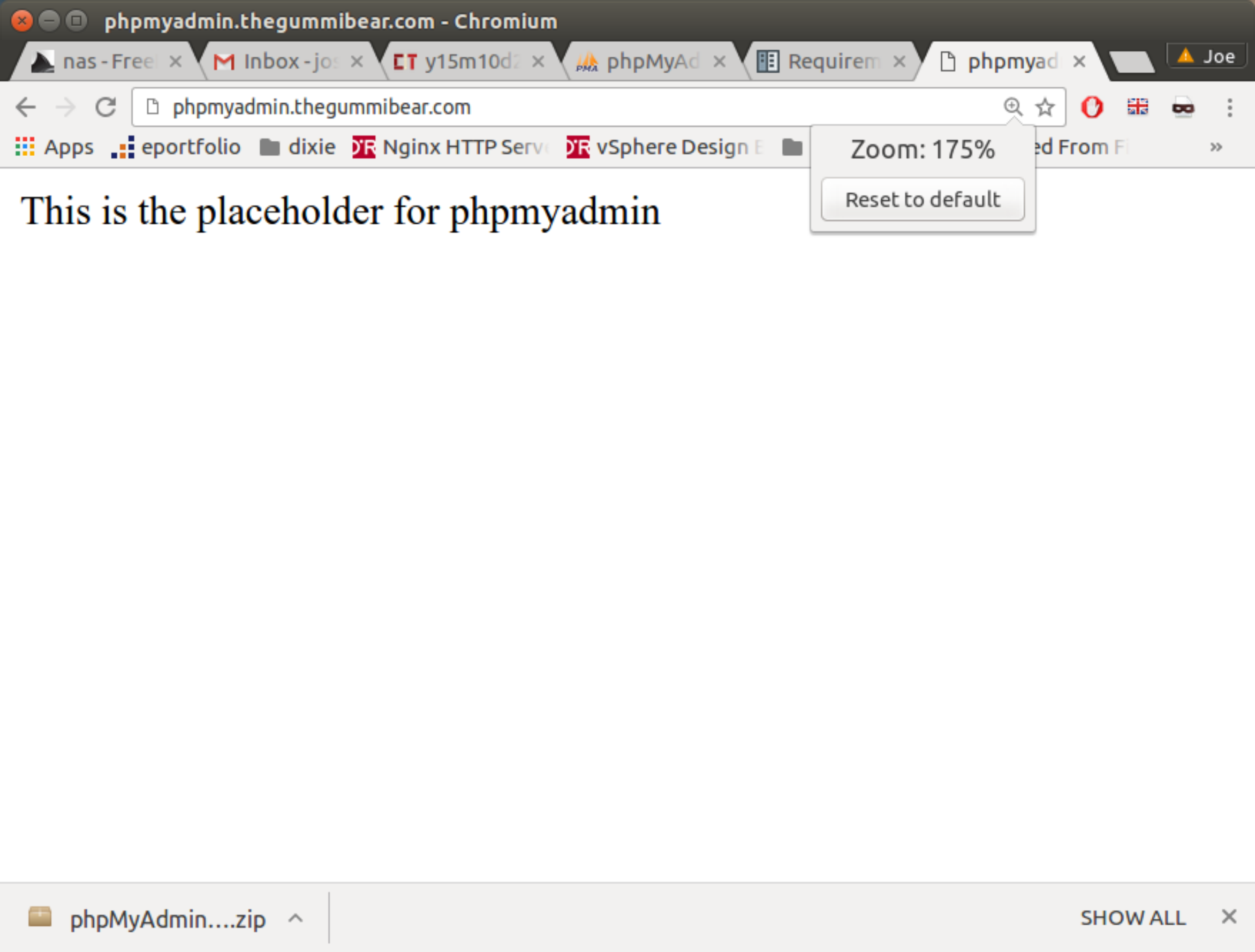
```
Enabling site phpmyadmin.thegummibear.com.
```

```
To activate the new configuration, you need to run:
```

```
service apache2 reload
```

```
joe@www-thegummibear:~$ sudo service apache2 reload
```

```
joe@www-thegummibear:~$ █
```



This is the placeholder for phpmyadmin

Zoom: 175%
Reset to default

```
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com
joe@www-thegum... x joe@ns1-thegummi... x joe@db-thegummi... x joe@yavin: ~/f16/it... x
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com$ echo "Download"
Download
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com$ sudo wget https://files.phpmyadmin.net/phpMyAdmin/4.6.4/phpMyAdmin-4.6.4-all-languages.zip
```

⌵ ⌵ ⌵ joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com

joe@www-thegum... × joe@ns1-thegummi... × joe@db-thegummi... × joe@yavin: ~/f16/it... ×

```
joe@www-thegummibear:/var/www/html/phpmyadmin.thegummibear.com$ ls
```

```
index.html  phpMyAdmin-4.6.4-all-languages.zip
```

```
joe@www-thegummibear:/var/www/html/phpmyadmin.thegummibear.com$ sudo unzip phpMy
```

```
Admin-4.6.4-all-languages.zip
```

```
sudo: unzip: command not found
```

```
joe@www-thegummibear:/var/www/html/phpmyadmin.thegummibear.com$ sudo apt-get ins
```

```
tall unzip
```



```
linux-headers-4.4.0-31 linux-headers-4.4.0-31-generic linux-headers-4.4.0-38
linux-headers-4.4.0-38-generic linux-image-4.4.0-31-generic
linux-image-4.4.0-38-generic linux-image-extra-4.4.0-31-generic
linux-image-extra-4.4.0-38-generic
```

Use 'sudo apt autoremove' to remove them.

Suggested packages:

```
zip
```

The following NEW packages will be installed:

```
unzip
```

0 upgraded, 1 newly installed, 0 to remove and 59 not upgraded.

Need to get 158 kB of archives.

After this operation, 530 kB of additional disk space will be used.

```
Get:1 http://us.archive.ubuntu.com/ubuntu xenial/main amd64 unzip amd64 6.0-20ub
untu1 [158 kB]
```

```
Fetched 158 kB in 2s (55.2 kB/s)
```

Selecting previously unselected package unzip.

(Reading database ... 192108 files and directories currently installed.)

```
Preparing to unpack .../unzip_6.0-20ubuntu1_amd64.deb ...
```

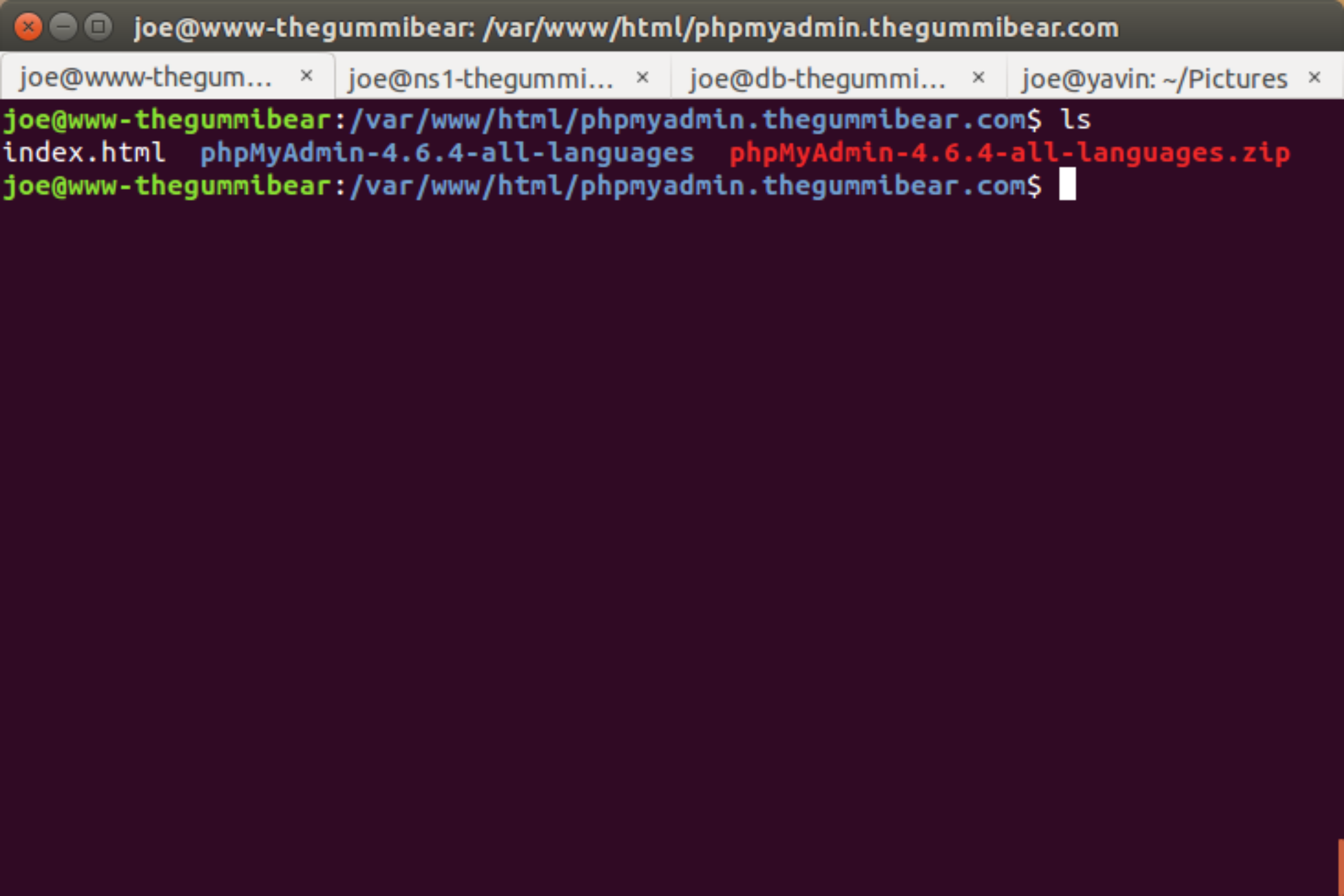
```
Unpacking unzip (6.0-20ubuntu1) ...
```

```
Processing triggers for mime-support (3.59ubuntu1) ...
```

```
Processing triggers for man-db (2.7.5-1) ...
```

```
Setting up unzip (6.0-20ubuntu1) ...
```

```
joe@www-thegummibear:/var/www/html/phpmyadmin.thegummibear.com$ sudo unzip phpMy
Admin-4.6.4-all-languages.zip
```



joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com

joe@www-thegum... x joe@ns1-thegummi... x joe@db-thegummi... x joe@yavin: ~/Pictures x

```
joe@www-thegummibear:/var/www/html/phpmyadmin.thegummibear.com$ ls
index.html  phpMyAdmin-4.6.4-all-languages  phpMyAdmin-4.6.4-all-languages.zip
joe@www-thegummibear:/var/www/html/phpmyadmin.thegummibear.com$
```

joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com

joe@www-thegum... × joe@ns1-thegummi... × joe@db-thegummi... × joe@yavin: ~/Pictures ×

```
joe@www-thegummibear:/var/www/html/phpmyadmin.thegummibear.com$ ls
index.html  phpMyAdmin-4.6.4-all-languages  phpMyAdmin-4.6.4-all-languages.zip
joe@www-thegummibear:/var/www/html/phpmyadmin.thegummibear.com$ echo "That direc
tory is too long for me"
That directory is too long for me
joe@www-thegummibear:/var/www/html/phpmyadmin.thegummibear.com$ sudo mv phpMyAdm
in-4.6.4-all-languages phpmyadmin
joe@www-thegummibear:/var/www/html/phpmyadmin.thegummibear.com$ █
```

joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin

joe@www-thegum... × joe@ns1-thegummi... × joe@db-thegummi... × joe@yavin: ~/Pictures ×

```
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com$ cd phpmyadmin/  
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin$
```

phpMyAdmin setup

- Overview
- Features
- SQL queries
- Navigation panel
- Main panel
- Import
- Export

Language
English

Overview

Bzip2
[Bzip2 compression and decompression](#) requires functions (bzopen, bzcompress) which are unavailable on this system.

ZIP
[Zip decompression](#) requires functions (zip_open) which are unavailable on this system.

Cannot load or save configuration
Please create web server writable folder *config* in phpMyAdmin top level directory as described in [documentation](#). Otherwise you will be only able to download or display it.

Insecure connection
You are not using a secure connection; all data (including potentially sensitive information, like passwords) is transferred unencrypted! [If your server is also configured to accept HTTPS requests follow this link to use a secure connection](#)

```
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin
joe@www-thegum... x joe@ns1-thegummi... x joe@db-thegummi... x joe@yavin: ~/Pictures x
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin$ echo
"fix all the problems"
fix all the problems
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin$
```

```
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin
joe@www-thegum... x joe@ns1-thegummi... x joe@db-thegummi... x joe@yavin: ~/Pictures x
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin$ sudo
apt-cache search php | grep bzip
php-bz2 - bzip2 module for PHP [default]
php7.0-bz2 - bzip2 module for PHP
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin$ sudo
apt-get install php-bz2
```

```
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin
joe@www-thegum... x joe@ns1-thegummi... x joe@db-thegummi... x joe@yavin: ~/Pictures x
Do you want to continue? [Y/n] Y
Get:1 http://us.archive.ubuntu.com/ubuntu xenial-updates/universe amd64 php7.0-bz2 amd64 7.0.8-0ubuntu0.16.04.3 [9,920 B]
Get:2 http://us.archive.ubuntu.com/ubuntu xenial/universe amd64 php-bz2 all 1:7.0+35ubuntu6 [1,930 B]
Fetched 11.8 kB in 1s (11.1 kB/s)
Selecting previously unselected package php7.0-bz2.
(Reading database ... 192126 files and directories currently installed.)
Preparing to unpack .../php7.0-bz2_7.0.8-0ubuntu0.16.04.3_amd64.deb ...
Unpacking php7.0-bz2 (7.0.8-0ubuntu0.16.04.3) ...
Selecting previously unselected package php-bz2.
Preparing to unpack .../php-bz2_1%3a7.0+35ubuntu6_all.deb ...
Unpacking php-bz2 (1:7.0+35ubuntu6) ...
Processing triggers for libapache2-mod-php7.0 (7.0.8-0ubuntu0.16.04.3) ...
Processing triggers for php7.0-fpm (7.0.8-0ubuntu0.16.04.3) ...
Setting up php7.0-bz2 (7.0.8-0ubuntu0.16.04.3) ...

Creating config file /etc/php/7.0/mods-available/bz2.ini with new version
Setting up php-bz2 (1:7.0+35ubuntu6) ...
Processing triggers for libapache2-mod-php7.0 (7.0.8-0ubuntu0.16.04.3) ...
Processing triggers for php7.0-fpm (7.0.8-0ubuntu0.16.04.3) ...
joe@www-thegummibear:/var/www/html/phpmyadmin.thegummibear.com/phpmyadmin$ sudo
service apache2 restart
joe@www-thegummibear:/var/www/html/phpmyadmin.thegummibear.com/phpmyadmin$
```


phpMyAdmin setup

- Overview
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- Export

Language
English

Overview

ZIP
[Zip decompression](#) requires functions (zip_open) which are unavailable on this system.

Cannot load or save configuration
Please create web server writable folder *config* in phpMyAdmin top level directory as described in [documentation](#). Otherwise you will be only able to download or display it.

Show hidden messages (1)

Servers

There are no configured servers

New server

```
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin
joe@www-thegum... x joe@ns1-thegummi... x joe@db-thegummi... x joe@yavin: ~/Pictures x
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin$ sudo
apt-cache search php | grep zip
libphp-pclzip - transitional dummy package
php-bz2 - bzip2 module for PHP [default]
php-pclzip - ZIP archive manager class for PHP
php-zip - Zip module for PHP [default]
php-zipstreamer - Stream zip files without i/o overhead
php7.0-bz2 - bzip2 module for PHP
php7.0-zip - Zip module for PHP
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin$ sudo
apt-get install php-zip
```

```
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin
joe@www-thegum... x joe@ns1-thegummi... x joe@db-thegummi... x joe@yavin: ~/Pictures x
Fetched 58.0 kB in 0s (146 kB/s)
Selecting previously unselected package libzip4:amd64.
(Reading database ... 192138 files and directories currently installed.)
Preparing to unpack .../libzip4_1.0.1-0ubuntu1_amd64.deb ...
Unpacking libzip4:amd64 (1.0.1-0ubuntu1) ...
Selecting previously unselected package php7.0-zip.
Preparing to unpack .../php7.0-zip_7.0.8-0ubuntu0.16.04.3_amd64.deb ...
Unpacking php7.0-zip (7.0.8-0ubuntu0.16.04.3) ...
Selecting previously unselected package php-zip.
Preparing to unpack .../php-zip_1%3a7.0+35ubuntu6_all.deb ...
Unpacking php-zip (1:7.0+35ubuntu6) ...
Processing triggers for libapache2-mod-php7.0 (7.0.8-0ubuntu0.16.04.3) ...
Processing triggers for php7.0-fpm (7.0.8-0ubuntu0.16.04.3) ...
Setting up libzip4:amd64 (1.0.1-0ubuntu1) ...
Setting up php7.0-zip (7.0.8-0ubuntu0.16.04.3) ...

Creating config file /etc/php/7.0/mods-available/zip.ini with new version
Setting up php-zip (1:7.0+35ubuntu6) ...
Processing triggers for libc-bin (2.23-0ubuntu3) ...
Processing triggers for libapache2-mod-php7.0 (7.0.8-0ubuntu0.16.04.3) ...
Processing triggers for php7.0-fpm (7.0.8-0ubuntu0.16.04.3) ...
joe@www-thegummibear:/var/www/html/phpmyadmin.thegummibear.com/phpmyadmin$ sudo
service apache2 restart
joe@www-thegummibear:/var/www/html/phpmyadmin.thegummibear.com/phpmyadmin$
```

phpMyAdmin setup

- Overview
- Features
- SQL queries
- Navigation panel
- Main panel
- Import
- Export

Language
English

Overview

Cannot load or save configuration
Please create web server writable folder *config* in phpMyAdmin top level directory as described in [documentation](#). Otherwise you will be only able to download or display it.


Show hidden messages (1)

Servers

There are no configured servers

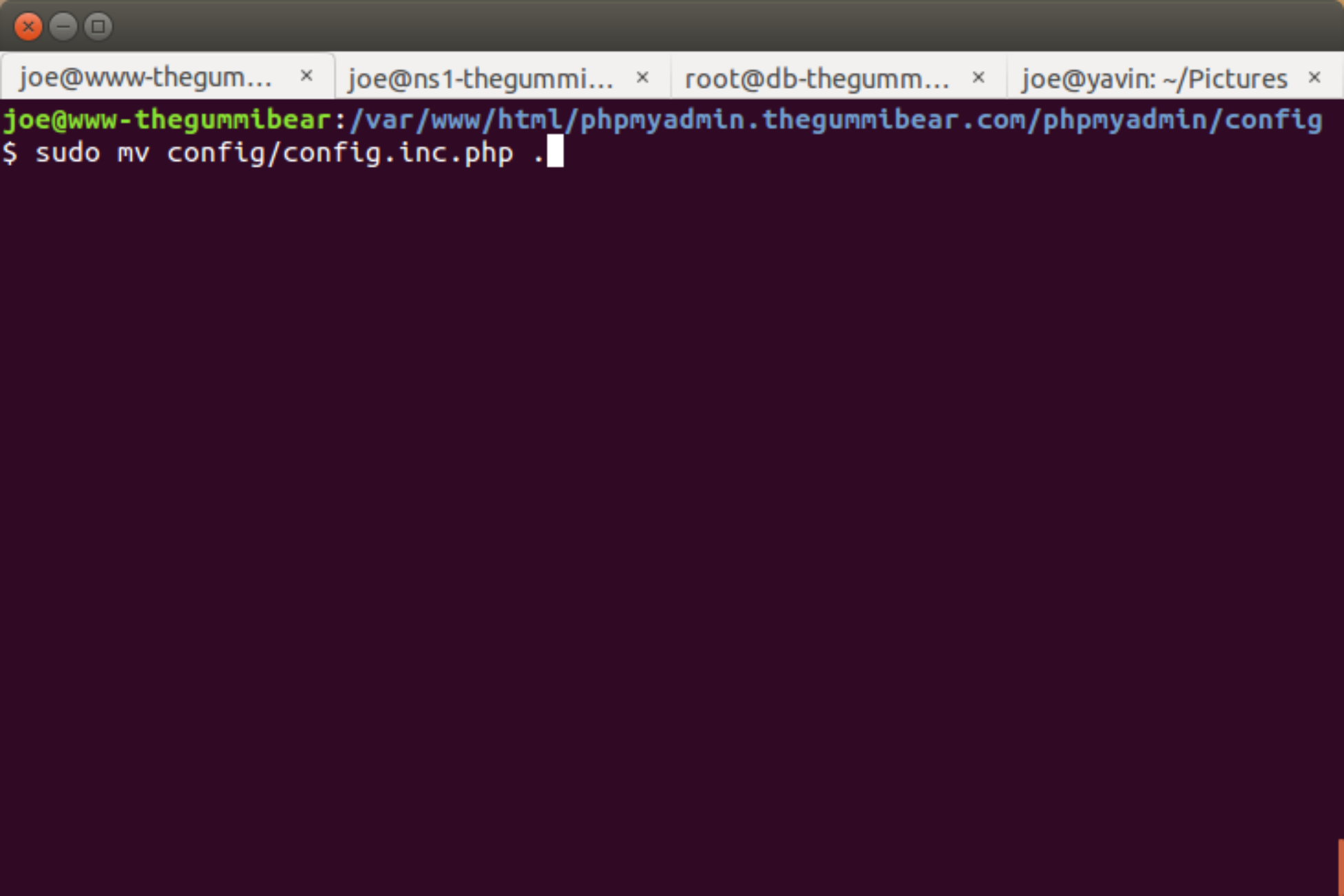
New server

Configuration file

Default language  English

```
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin
joe@www-thegum... x  joe@ns1-thegummi... x  joe@db-thegummi... x  joe@yavin: ~/Pictures x
libraries          tbl_replace.php
LICENSE            tbl_row_action.php
license.php        tbl_select.php
lint.php           tbl_sql.php
locale             tbl_structure.php
logout.php         tbl_tracking.php
navigation.php     tbl_triggers.php
normalization.php tbl_zoom_select.php
phpdox.xml         templates
phpmyadmin.css.php test
phpunit.xml.dist  themes
phpunit.xml.hhvm  themes.php
phpunit.xml.nocover transformation_overview.php
prefs_forms.php   transformation_wrapper.php
prefs_manage.php  url.php
print.css         user_password.php
README            version_check.php
RELEASE-DATE-4.6.4 view_create.php
robots.txt        view_operations.php
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin$ sudo
mkdir config
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin$ sudo
chown www-data:www-data config
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin$
```

```
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin
joe@www-thegum... x joe@ns1-thegummi... x root@db-thegumm... x joe@yavin: ~/Pictures x
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin$ echo
"essentially you visit the setup page after creating the config folder. After y
ou have correctly made the config, copy it to the correct location"
essentially you visit the setup page after creating the config folder. After yo
u have correctly made the config, copy it to the correct location
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin$
```



joe@www-thegum... × joe@ns1-thegummi... × root@db-thegumm... × joe@yavin: ~/Pictures ×

joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin/config
\$ sudo mv config/config.inc.php .

⌵ ⌵ ⌵ joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin

joe@www-thegum... × joe@ns1-thegummi... × root@db-thegumm... × joe@yavin: ~/Pictures ×

```
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin$ sudo  
rm -rf config
```

```
joe@www-thegummibear: /var/www/html/phpmyadmin.thegummibear.com/phpmyadmin$ █
```




Welcome to phpMyAdmin

#1045 - Access denied for user
'adsf@'www.thegummibear.com' (using password: YES)

Language

English ▼

Log in [?](#)

Username:

Password:

Go

mysql_real_connect(): (HY000/1045): Access denied for

joe@db-thegummibear: ~

joe@www-thegum... × joe@ns1-thegummi... × joe@db-thegummi... × joe@yavin: ~/Pictures ×

```
joe@db-thegummibear:~$ echo "Make sure you have correct mysql privileges for the user"
```

```
Make sure you have correct mysql privileges for the user
```

```
joe@db-thegummibear:~$ █
```

```
joe@db-thegummibear:~$ mysql -u root -p
```

```
Enter password:
```

```
Welcome to the MySQL monitor.  Commands end with ; or \g.
```

```
Your MySQL connection id is 32
```

```
Server version: 5.7.15-0ubuntu0.16.04.1 (Ubuntu)
```

```
Copyright (c) 2000, 2016, Oracle and/or its affiliates. All rights reserved.
```

```
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affiliates. Other names may be trademarks of their respective  
owners.
```

```
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
```

```
mysql> grant all privileges on *.* to admin@'144.38.199.165' identified by 's3cr3t';
```

```
Query OK, 0 rows affected, 1 warning (0.00 sec)
```

```
mysql> █
```

phpMyAdmin

Recent Favorites

- New
- hogwarts
- information_schema
- mysql
- performance_schema
- php
- phpbb
- roundcube
- sys
- wordpress

General settings

- Change password
- Server connection collation: utf8mb4_unicode_ci

Appearance settings

- Language: English
- Theme: pmahomme
- Font size: 82%
- More settings

Database server

- Server: joesdb (144.38.199.167 via TCP/IP)
- Server type: MySQL
- Server version: 5.7.15-0ubuntu0.16.04.1 - (Ubuntu)
- Protocol version: 10
- User: admin@www.thegummibear.com
- Server charset: UTF-8 Unicode (utf8)

Web server

- Apache/2.4.18 (Ubuntu)
- Database client version: libmysql - mysqlnd 5.0.12-dev - 20150407 - \$Id: 241ae00989d1995ffcbbf63d579943635 \$
- PHP extension: mysqli mbstring
- PHP version: 7.0.8-0ubuntu0.16.04.3

phpMyAdmin

- Version information: 4.6.4 (up to date)

joe@www-thegummibear: ~

joe@www-thegum... × joe@ns1-thegummi... × joe@db-thegummi... × joe@yavin: ~/Pictures ×

```
joe@www-thegummibear:~$ echo "Yay, I can login and see all my databases"
```

```
Yay, I can login and see all my databases
```

```
joe@www-thegummibear:~$ █
```