

INTERNATIONAL UNIVERSITY OF JAPAN
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Introduction to Electronic Government
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Installing phpMyAdmin

phpMyAdmin is a Web-based utility that assists users to manipulate MySQL databases with its GUI interface. Instead of typing in SQL statement, you may do the same job using the point-and-click method.

1. Getting an Archive File

Visit from <http://www.phpmyadmin.net/> and download the latest version of phpMyAdmin. Keep in mind that each version requires different version of PHP5; the latest version 4.5.4.1 requires PHP5.5+. Since the current Web server has PHP 5.3.10, I recommend phpMyAdmin 4.4.15.4 or 4.4.15.10.

```
~/www$ php5 -v
PHP 5.3.10-1ubuntu3.21 with Suhosin-Patch (cli) (built: Oct 28 2015 01:43:56)
Copyright (c) 1997-2012 The PHP Group
Zend Engine v2.3.0, Copyright (c) 1998-2012 Zend Technologies
```

Upload the archive file to your account under ~/www using the secured FTP (making a connection using SSH and then click the FTP icon below the menu).

If you are a Mac user, open the terminal and make a remote connection and open the finder to make secured FTP using Samba. In Finder, press Ctrl+K and then provide “smb://joosin.org/your_nickname”.

2. Extracting the Archive File

Locate extracted files to a directory under your Web site directory.

2.1 Extracting 7-zip file

If you installed 7-zip into your machine, get .7z and extract it using the x option.

```
~/www$ 7z x phpMyAdmin-4.4.15.4-all-languages.7z
```

2.2 Extracting .bz2 File

If the file you downloaded is a .bz2 file, run tar with xvjf option to extract files through bzip2.

```
~/www$ tar xvjf phpMyAdmin-4.4.15.4-all-languages.tar.bz2
```

Alternatively, run bzip2 command to get a .tar file and then run tar sequentially.

<http://www.sonsoo.org/>

```
.../www$ bzip2 -d phpMyAdmin-4.4.15.4-all-languages.bz2
```

```
.../www$ tar xvf phpMyAdmin-4.4.15.4-all-languages.tar
```

2.3 Extracting .gz File

If the downloaded file is .gz, run `gzip` with the `d` option to uncompress.

```
.../www$ gzip -d phpMyAdmin-4.4.15.4-all-languages.tar.gz
```

Alternatively, run `tar` with `xzf` option to get the same result.

```
.../www$ tar xzf phpMyAdmin-4.4.15.4-all-languages.tar.gz
```

2.4 Extracting .tar File

If the downloaded file is .tar, run `tar` with `xvf`

```
.../www$ tar xvf phpMyAdmin-4.4.15.4-all-languages.tar
```

2.5 Extracting .zip File

If the extension is .zip, run the following command. Don't forget to add a period (extracting into the current directory) as the last argument

```
.../www$ unzip phpMyAdmin-4.4.15.4-all-languages.zip -d .
```

Note: When extraction in the remote machine is not possible, extract the files in Windows and then upload extracted files to `~/www`. Navigate to the archive file and right click to choose "Extract All."

3. Renaming

As a result of extraction, a directory `phpMyAdmin-4.4.15.4-all-languages` will be created. Then change the directory name to `mysql` using `.mv` command or secured FTP.

```
.../www$ mv phpMyAdmin-4.4.15.4-all-languages mysql
```

4. Logging in Your MySQL Account

Launch a Web browser and then provide URL (`http://joosin.org/~yournickname/mysql`) and then launch the phpMyAdmin page. See the figure above.

If you encounter a permission error, please check the permission of phpMyAdmin directory and change its permission type to 755.

```
$ chmod 755 phpMyAdmin*
```

phpMyAdmin will ask you to provide your database id (your nickname) and password (see the screenshot in the appendix). Once authentication is successful, you will get a database menu in GUI.



Welcome to phpMyAdmin

Language

English (United Kingdom) ▾

Log in ?

Username:

Password:

Go

5. Internet Resources

If you need further help, do “googling” and watch the following video clips.

<http://www.youtube.com/watch?v=CXilp9LW0V0> (phpMyAdmin Tutorial 1)

<http://www.youtube.com/watch?v=BrsU3CKXes0> (phpMyAdmin Tutorial 2)

http://www.youtube.com/watch?v=1-81n_vuwug (Basics Tutorials)

End of this document.