

Instalasi CMS Mahara di Windows Menggunakan XAMPP

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Pendahuluan

Mahara adalah sistem e-portofolio berbasis open source dengan kerangka layar yang fleksibel. Mahara ini memiliki fitur weblog, jejaring sosial yang menghubungkan pengguna untuk menciptakan komunitas belajar online. Kita bisa sharing video, sharing artikel, e-book tutorial.

Disini kita melakukan instalasi melalui localhost. Sebelum melakukan instalasi mahara, yang diperlukan adalah paket web server XAMPP. Berikut langkah-langkah instalasi CMS Mahara pada XAMPP di windows:

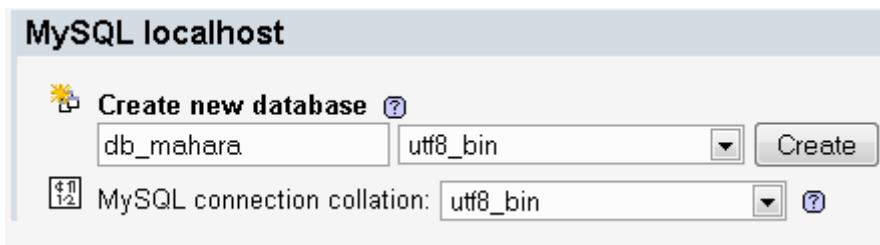
I. Setting Yang Perlu Dilakukan:

1. Download terlebih dahulu installer Mahara di alamat website resmi mahara:
<https://launchpad.net/mahara/+download>
2. Silahkan didownload file .zip Mahara, disini saya memakai mahara versi 1.2.4

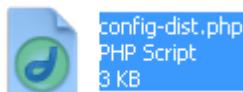


jika menggunakan linux, download lah file .tar.gz atau .tar.bz2

3. Extract here dari file archive mahara-1.2.4.zip tersebut.
4. Setelah di extract, terdapat folder dengan nama **mahara-1.2.4**, didalam folder tersebut terdapat folder **htdocs**. Masuklah kedalam isi dari folder htdocs tersebut, kemudian copy semua isi dari folder htdocs tersebut (Ctrl+A kemudian Ctrl+C).
5. Masuklah ke alamat directory dimana xampp di install. Pada umumnya berada pada alamat directory **C:\xampp\htdocs**
6. Di dalam C:\xampp\htdocs, buatlah folder baru dengan nama **mahara**
7. Kemudian paste (Ctrl+V) didalam folder yang baru dibuat tadi yaitu **mahara**
8. Pada phpmyadmin, buatlah database baru dengan nama **db_mahara** dengan connection collation: **utf8_bin**. Setelah itu klik tombol **Create**. Lihat gambar dibawah ini:



9. Cari file **config-dist.php**

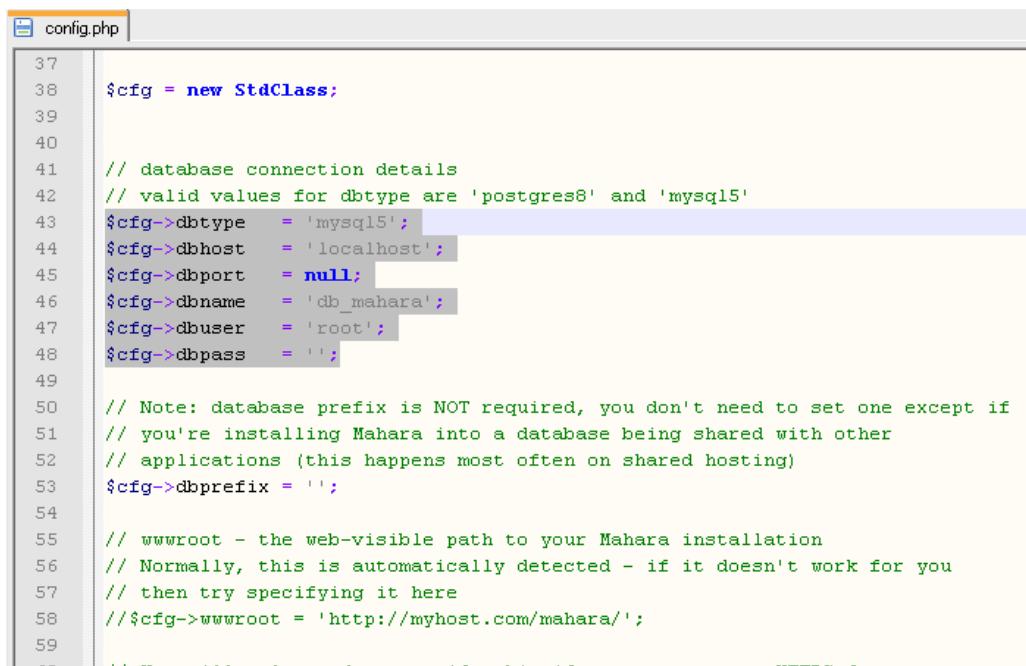


10. Buatlah duplikat dari file tersebut dengan nama **config.php**



11. Edit file **config.php** seperti berikut:

```
$cfg->dbtype      = 'mysql5';
$cfg->dbhost      = 'localhost';
$cfg->dbport      = null;
$cfg->dbname      = 'db_mahara';
$cfg->dbuser      = 'root';
$cfg->dbpass      = '';
```

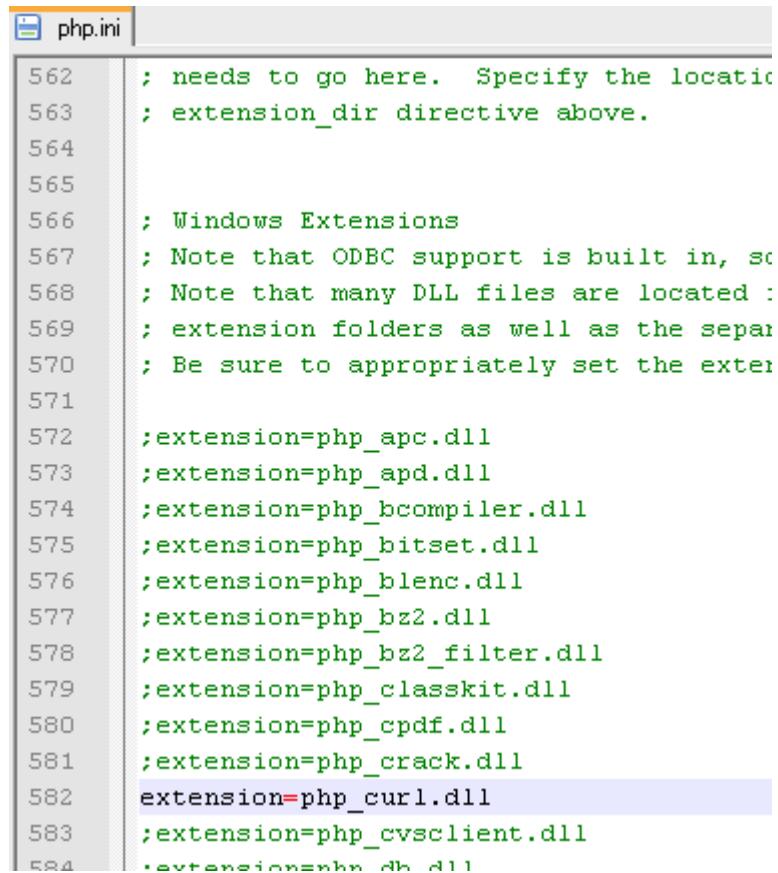


```
37
38 $cfg = new StdClass;
39
40
41 // database connection details
42 // valid values for dbtype are 'postgress' and 'mysql5'
43 $cfg->dbtype      = 'mysql5';
44 $cfg->dbhost      = 'localhost';
45 $cfg->dbport      = null;
46 $cfg->dbname      = 'db_mahara';
47 $cfg->dbuser      = 'root';
48 $cfg->dbpass      = '';
49
50 // Note: database prefix is NOT required, you don't need to set one except if
51 // you're installing Mahara into a database being shared with other
52 // applications (this happens most often on shared hosting)
53 $cfg->dbprefix = '';
54
55 // wwwroot - the web-visible path to your Mahara installation
56 // Normally, this is automatically detected - if it doesn't work for you
57 // then try specifying it here
58 // $cfg->wwwroot = 'http://myhost.com/mahara/';
59
60 // This file is auto-generated by Mahara and should not be modified by hand.
```

12. Kemudian carilah file **php.ini** pada alamat directory **C:\xampp\php**.

13. Didalam file **php.ini**, carilah script berikut: `extension=php_curl.dll`.

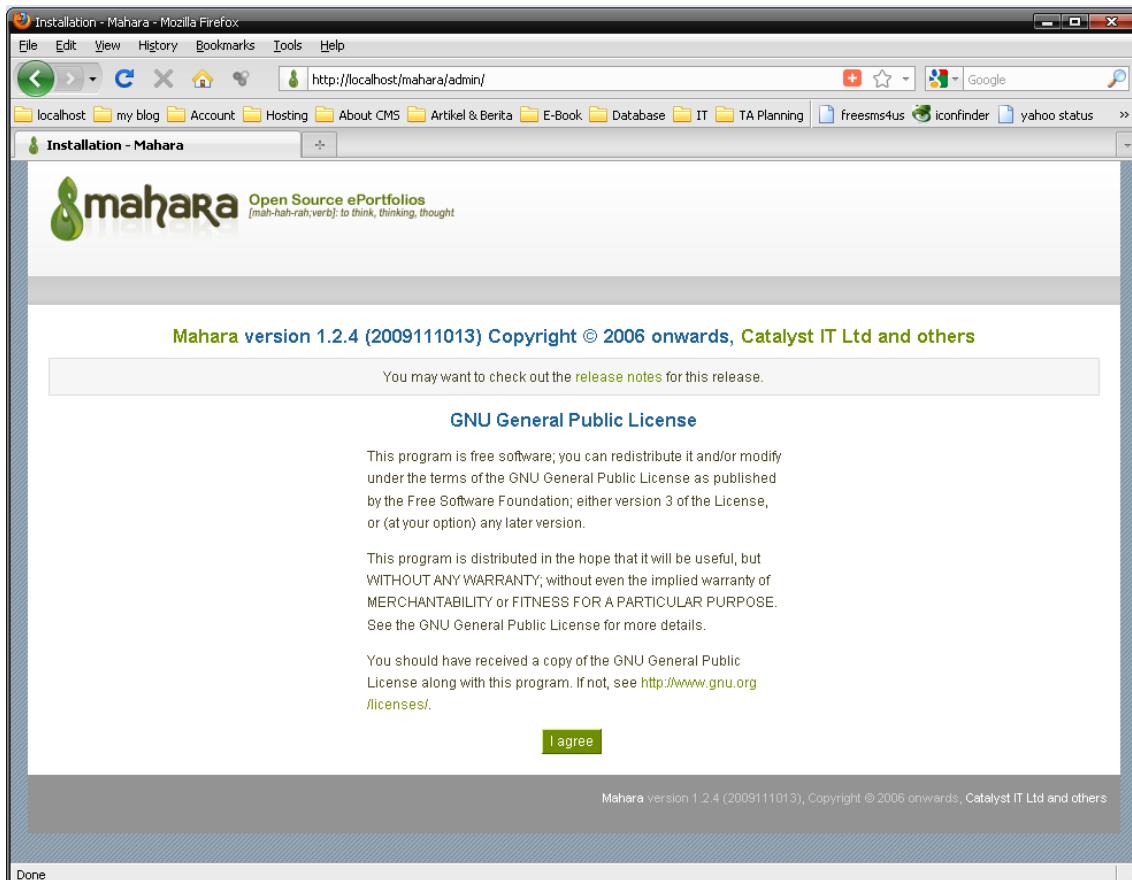
Hilangkan tanda titik koma (;) di awal script tersebut. Kemudian simpan (Ctrl+S)



```
562 ; needs to go here. Specify the location
563 ; extension_dir directive above.
564
565 ; Windows Extensions
566 ; Note that ODBC support is built in, so
567 ; Note that many DLL files are located :
568 ; extension folders as well as the separ
569 ; Be sure to appropriately set the exten
570
571 ;extension=php_apc.dll
572 ;extension=php_apd.dll
573 ;extension=php_bcompiler.dll
574 ;extension=php_bitset.dll
575 ;extension=php布莱nc.dll
576 ;extension=php_bz2.dll
577 ;extension=php_bz2_filter.dll
578 ;extension=php_classkit.dll
579 ;extension=php_cpdf.dll
580 ;extension=php_crack.dll
581 ;extension=php_curl.dll
582 extension=php_curl.dll
583 ;extension=php_cvsclient.dll
584 ;extension=php_db.dll
```

II. Instalasi Mahara

- Setelah itu, jalankan web browser. Ketikkan alamat URL : <http://localhost/mahara>.



Kemudian klik **I Agree**.

2. Tunggu hingga semua komponen plugin terinstall semua

Component or plugin	From version	To version	Information
core	Not installed	1.2.4	Successfully installed version 1.2.4 (2009111013)
firstcoredata			Successfully installed core data
localpreinst			Successfully installed local customisations
artefact.blog	Not installed	1.1.0	Successfully installed version 1.1.0 (2009111200)
artefact.internal	Not installed	1.1.0	Successfully installed version 1.1.0 (2008101300)
artefact.resume	Not installed	1.0.0	Successfully installed version 1.0.0 (2008040200)
artefact.file	Not installed	1.2.0	Successfully installed version 1.2.0 (2009111200)
auth.saml	Not installed	1.1.0	Successfully installed version 1.1.0 (2009072000)
auth.xmlrpc	Not installed	1.0.0	Successfully installed version 1.0.0 (2008040200)
auth.internal	Not installed	1.0.0	Successfully installed version 1.0.0 (2008012400)
auth imap	Not installed	1.0.0	Successfully installed version 1.0.0 (2008040200)
auth.idap	Not installed	1.0.0	Successfully installed version 1.0.0 (2008040200)
auth.none	Not installed	1.0.0	Successfully installed version 1.0.0 (2008040200)
notification.emaildigest	Not installed	1.0.1	Successfully installed version 1.0.1 (2009012700)
notification.internal	Not installed	1.0.1	Successfully installed version 1.0.1 (2009012700)
notification.email	Not installed	1.0.0	Successfully installed version 1.0.0 (2008040200)

Kemudian klik **Continue**

3. Isikan password dan email

The screenshot shows a Mozilla Firefox browser window with the address bar set to `http://localhost/mahara/`. The main content area displays the Mahara 'Change password' form. The form fields are as follows:

- New Password: (filled with red asterisks)
- Confirm password: (filled with red asterisks)
- Primary email: (filled with `van_der_dhaf32@yahoo.com`)

Below the form is a 'Submit' button. To the right of the form, there is a sidebar with user information:

- Admin User (admin)**: Includes a 'Logout' button, a 'Settings' button, and a user icon.
- Online users**: Shows one user online: **Admin User (admin)** (Last 10 minutes).

At the bottom left of the page, it says "Powered by **mahara**". At the very bottom, there are links for Terms and Conditions, Privacy Statement, About, and Contact Us.

Kemudian klik **Submit**

4. Kemudian tampil halaman seperti dibawah ini

The screenshot shows the Mahara CMS homepage within a Mozilla Firefox browser window. The address bar displays 'http://localhost/mahara/'. The page header includes the Mahara logo and the text 'Open Source ePortfolios [ma-ha-ra; verb] to think, thinking, thought'. A navigation menu at the top offers links to Home, Profile, My Portfolio, Groups, Settings, Site Administration, and Logout. Two green success messages are visible: 'Your new password has been saved' and 'Required profile fields set'. On the right side, there's a sidebar titled 'Admin User (admin)' with 'Logout' and 'Settings' buttons, and a small user icon. Another section titled 'Online users' shows 'Admin User (admin)' was last active 'Last 10 minutes'. At the bottom, a footer bar contains links for 'Terms and Conditions', 'Privacy Statement', 'About', and 'Contact Us'. The status bar at the bottom of the browser window shows 'Done'.

5. Silahkan mengeksplorasi CMS mahara Anda.

=0=0=0=0=0=0=0=0= **Selamat Mencobá** =0=0=0=0=0=0=0=

Biografi Penulis



Mudafiq Riyanto Pratama. Lahir di Jember pada tanggal 9 Mei 1989. Kediaman di Jember. Memulai pendidikan TK dan SD di Jenggawah. Kemudian menempuh SMP di SMPN 6 Jember yang kemudian dilanjutkan ke SMAN 2 Jember. Dan saat ini sedang menempuh kuliah S1 jurusan Teknik Informatika di Universitas Muhammadiyah Malang angkatan 2007.

Didunia maya, penulis lebih sering memakai nama **Dhafiq Sagara**.

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