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# eNdonesia 8.4

open source portal software, content management  
system, site management system, or whatever  
you want to name it.

## Content

About eNdonesia 8.4	2
Quick Install	4
Advanced Setup	6
Common Problems	7
Customization	9
What's New in eNdonesia 8.4	10
Upgrade eNdonesia 8.3 to 8.4	12
Tips	19
Support and Disclaimer	20
Resources	21

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## About Indonesia 8.4

eNdonesia 8.4 is a web portal application, content management system, news publishing systems, or whatever you want to name it. It has been developed to enable people build their own internet empire by providing portal for the public, just like what Yahoo has done, and Google want to do.

It's easy to install, use and manage. This will let you focus on delivering content --what ever it is-- to your portal visitor.

Using eNdonesia 8.4, you can build various portal with diverse content as you wish. Its modular approach enable you to extend your portal by adding another module.

This php scripts works on any operating system, including Linux or Windows, as long as they have Php (v 4.x and above) and MySQL (v 3.x and above). More better, on Apache web server.

### His Story

eNdonesia 8.4 - May 2006  
eNdonesia 8.3 - November 2003  
eNdonesia 8.2 - August 2002  
eNdonesia 8.1 - June 2002  
eNdonesia 8.0 - May 2002

There is no demo site for eNdonesia 8.4. Who needs a demo anyway? It's only take a few minutes to install eNdonesia 8.4 and make it work. But if you want to see real operating sites, you can visit <http://www.endonesia.com>, in Indonesia languages, or visit <http://www.endonesia.net> for English site.

On its first release, eNdonesia 8.x was developed based on phpWebSite. The scripts released because in that time I hate to upgrade to newer phpWebSite (0.8.2.x), because there is no upgrade tools. So, I decided to re-develop and distribute it under new eNdonesia "brand" name.

By ongoing and continuous development, more functionalities added. Some made from scratch, and the others by adopting useful function from another open source php script, such as PhpNuke, phpLink, etc.

## Feature

In it's core distribution, eNdonesia 8.4 come with the following modules and tools:

1. Catalog module, to create web directory with unlimited category, multiple category, and related category.
2. Publisher module, to create online media, also with unlimited category, multiple category.
3. Discussion module, to maintain discussion forum
4. Information module, to create a book like information catalog
5. Content module, to create menu for your portal
6. About module, to create your portal profile or your company profile
7. Polling

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8. Banner Rotator
  9. Tell a friend
  10. Contact form

## **Extra Modules**

Other than modules that have been integrated to the core distribution, there are some modules you can install by your own, to extend your portal service or content.

Available modules:

1. Photo Gallery
2. Newsletter/Mailing List
3. Classified Ads
4. And more to come...

Just like the core distribution file, you can download all those modules from our download page at <http://www.sourceforge.net/projects/indonesia/>

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## Quick Install

1. Extract or unzip the distribution file, **eNdonesia84-en.zip**, keep the directory structure intact.
2. Edit the config.php file using ASCII or text editor. You can use Notepad, at minimum. Do not use WordPad or Word. Find the following variables, and change it to suit your web hosting system.

First part, **Database Config**:

```
$dbhost = "localhost";  
$dbuname = "database_username";  
$dbpass = "database_password";  
$dbname = "database_name";
```

Second part, **Site Identification**:

```
$sitename = "Indonesia 84 English version";  
$portal_url = "http://www.indonesia.com";  
$portal_motto = "The Next Yahoo";  
$startdate = "May 2006";  
$adminmail = "republik@indonesia.com";
```

### Warning

Before saving config.php file, make sure the php closing tag (?>) become the end of the line.

Do not put any other line, including blank space, below it.

To make the scripts work, you only need to change above variables. Later, you can change any other variables to customize your portal.

3. Upload all the file to your website, except docs directory and files within. You can upload to your main site, [http://www.your\\_portal.com](http://www.your_portal.com), or to a subdirectory, [http://www.yoursite.com/your\\_portal](http://www.yoursite.com/your_portal)
4. Import or dump **endonesia84-en.sql** to your MySQL database. You can use phpMyAdmin to do these.

5. Set permissions for the following images directory to 777 or 757 (better), to enable file or image upload or make it writable. This steps only needed if you use Linux. Forget it if you use Windows.

```
images/main_page  
mod/about/foto  
mod/content/foto  
mod/informasi/foto  
mod/publisher/media  
mod/publisher/media/thumbnails
```

6. Done. Finish. Your portal is ready to go.

7. Go to your portal frontpage, [http://www.your\\_portal.com](http://www.your_portal.com), or your subdirectory to see your instant portal .

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8. Go to your admin page to manage your portal. Point your web browser to [http://your\\_portal.com/admin.php](http://your_portal.com/admin.php)

Login using:

Login Name: admin  
Password: indonesia

Explore the admin menu, and don't forget to change the admin password or create new admin account (through **Manage Admin** menu).

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## Advanced Setup

### 1. Time Adjustment

To change/adjust your portal time, find `$gmt` variables. The default value is 0. Change it with time differences between your local time (PC) and your server or hosting time. If the time differences is positive, put the number "without" plus sign + (e.g., 7). If the time differences is negative, put negative sign (e.g., -7) before the number.

### 2. Calendar Translation

Under `$gmt`, you can find `$translateKal` variable with a long....long array, to translate day and month terms from English to any other languages. To suit it to your own language, change "the right part" of the array. It's an easy to do.

### 3. Change Theme

eNdonesia 8.4 come with two themes: Default and Relief. Both are available in themes directory. To change it, just replace `$default_theme` value in `config.php` to Relief.

### 4. Change Security Hash

To increase security of your portal, change `$security_hash` variable in `config.php`. Currently the content is something like:

```
$security_hash = "0eXf5serserwqKUIxa20N1mvFP";
```

Change the variable value using any characters combination you can imagine. This hash is used for admin function, and to make sure your hash is difference from another people portal.

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## Common Problems

### 1. Sessions Directory

When you access the mainpage or frontpage of your eNdonesia 8.4 site and get errors like:

```
Warning: open(/tmp/sess_b04835d83ff9ee8f0c19a6214827f389, O_RDWR) failed: Permission denied .....  
Warning: Failed to write session data (files). Please verify that the current setting of session.save_.....
```

the problem happened due to the script couldn't find a sessions directory or folder to store session data.

To solve this problem, first, create your own sessions directory on your site. For example create a directory named "sessions." Make it writeable by change its permission to 777, 757, or 700.

Second, create .htaccess file and put it on your portal main directory, in the same location as config.php. Put the following content to the .htaccess file. If you're already have a .htaccess file, add to it.

```
#php.ini configuration  
<IfModule mod_php4.c>  
php_value session.save_path "./sessions"  
</IfModule>
```

If you install eNdonesia 8.4 on your own pc or server, you can change your php.ini configuration to enable sessions directory.

Please note that this solution only works with Apache.

### 2. Admin Can't Login

The problem caused by unavailability of sessions directory. Use the No.1 solution.

### 3. Register\_globals

In recent versions of PHP, the register\_globals is set by default to Off. This will make eNdonesia 8.4 modules won't work well. So, what you have to do is to turn on the register\_globals by overriding the php.ini setting.

To override the php.ini setting, the solution to this problem is similar to solution no 1. Just create .htaccess with following content. Or add it to your current .htaccess.

```
#php.ini configuration  
<IfModule mod_php4.c>  
php_flag register_globals on  
</IfModule>
```

If you install eNdonesia 8.4 on your own pc or server, you can change your php.ini to make the register\_globals on.

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## 4. Modules Won't Work

If you find the following error message, it is due to `register_global` has been set to off. To solve the problem, use solution No. 3.

```
Warning: main(./mod//index.php): failed to open stream: No such file or directory in .....  
Warning: main(): Failed opening './mod//index.php' for inclusion (include_path='.;\php4\pear') in.....
```

## 5. Error Messages Handling

Recent versions of PHP come out with a too much aggressive errors report behavior by default. This will cause eNdonesia 8.4 display a lot of warning, notice, and errors.

The solution is to put or add the following content to your `.htaccess`.

```
#php.ini configuration  
<IfModule mod_php4.c>  
php_value error_reporting 7  
</IfModule>
```

If you install eNdonesia 8.4 on your own pc or server, you can change you `php.ini` to make the error reporting setting like this:

```
error_reporting = E_ALL & ~E_NOTICE
```

## 6. Polling Module Error

Some people reported that they found various errors caused by polling module, or can make the poll module work. In case you experienced it on default setup, or the poll didn't show up in right column, just do not turn on the current poll.

Or, if you like, and it would be better, delete poll row from `modules` table, and delete poll directory (and files within) form mod directory. In short, let's have fun and make life easier: do not use the poll module.

But if by default the poll module works fine, use it.



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## Customization

### 1. Create your own themes

To create your own themes, you can start by copying available themes directory. For example, copy Default directory and give new name to the new copy.

No matter how much new themes you created, **do not delete Default themes**. But you can change the content. The important thing you must have is a directory named Default.

More guide on creating themes coming soon....

### 2. Create your own modules

If you want to create new modules, please use publisher module or katalog modules as a reference. The continuing development of eNdonesia 8.x will be developed base on both modules.

More guide on creating modules coming soon....

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## What's New in eNdonesia 8.4

### Publisher

- Now you can put a news or article into several categories.
- There is an option to make released date of an article different from the posting date. This enable you to publish old articles.
- A new tool, Frontpage Manager, has been added to manage news categories that you want to display on the frontpage of your portal, as well as on the right column. You can also specify how many news to be appeared, and whether it will be accompanied by a thumbnail photo or not.
- Send article to friend has been integrated into publisher module.
- A new file, publisher\_block.php, has been added to display news category on left or right column, just like similar block in the discussion forum module.

### Katalog

- You can list a link or URL can be inserted into several categories.
- You can create related category for each category.
- File katalog\_block.php added to display category block on left or right column.

### Discussion Forum

No change. Except an addition of PHP generic wordwrap function to wrap too long word.

### Polling

No change.

### Module Editor

Module editor is a new tool to change the configuration of a module directly from the admin page. You can use it to control where a module block will be appeared: left, right, or center column.

### Membership

- Additional fields have been added to users table to record user registration date and the

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last login date.

- New functionalities to search and sort members by various option.

## **Userpage**

Userpage module no longer available. Its function taken over by three new modules: content, about, and informasi.

## **New Modules:**

**Informasi** - module to create info page, product catalog, faq, help, etc.

**Content** - module to create your portal menu.

**About** - you can use this module to create your portal profile or your own profile.

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## Upgrade eNdonesia 8.3 to 8.4

This guide assumed that you are upgrading from eNdonesia 8.3 core distribution to eNdonesia 8.4 core distribution. If you already modify or customize your eNdonesia 8.3 portal, please make necessary adjustment.

The upgrade process consist of several steps to create new tables in your existing MySQL database, and additional fields in existing tables. We will also delete some tables and fields that no longer needed by eNdonesia 8.4.

The new tables will be use by three new modules: content, about, and informasi. Additional tables also needed by publisher and katalog modules.

New fields will be added to several table that being used by publisher and katalog modules, as well as users and modules table.

Tables that will be deleted are menu and mod\_user\_page\_data.

Let start the upgrade by implementing the following **two main process**:

### 1. Upload eNdonesia 8.4 Script

Upload the entire script of eNdonesia 8.4, except **docs** directory or folder and the files within. Keep the directory structure intact. Allow new files to replace the old one. And make the following directories writable (chmod 777 or 757).

```
images/main_page  
mod/about/foto  
mod/content/foto  
mod/informasi/foto  
mod/publisher/media  
mod/publisher/media/thumbnails
```

### 2. Dump File upgrade-endonesia84-en.sql

Dump or import file **upgrade-endonesia84-en.sql** from **docs** directory to your existing **eNdonesia 8.3** database, using e.g. phpMyAdmin.

The sql file will create several new tables for the new modules (informasi, about, and content), as well as new table for katalog and publisher modules (mod\_publisher\_frontpage, mod\_publisher\_topik, mod\_katalog\_katakate, and mod\_katalog\_related).

After completing above process, let's continue the upgrade process, manually, with several **specific tasks**. It's more fun and experiencing to do the upgrade manually.

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## Upgrade modules Tabel

eNdonesia 8.4 has a new tool, **Module Editor**, that can be used by Admin to configure modules setting. An **Edit** link has been added next to **Installed Module** to access this new tools. But before using Module Editor, let's upgrade **modules** table, a table in your database that contain all information related to your current installed module.

We will upgrade the table by adding a new field, **block\_order**, to the table. The field will store sort order number of each module, that will be taken by the script to display your module block according to its order number (on top or below other module).

### a. Adding block\_order Field

To add this new field, use your phpMyAdmin and go to **modules** table. Use **Add Fields** tool to add one field **after block\_pos** field. Fill in the following data:

```
Field = block_order
Type = tinyint
Length/values = 1
Default = 0 (read: zero)
```

### b. Insert Data for About, Informasi, and Content Modules

Use phpMyAdmin **SQL** tool to execute the following query.

```
INSERT INTO `modules` VALUES (NULL, 'Profile', 'mod.php?mod=about', 'about.gif', 'about', 1, 2, 'about_block.php', 0, 0, 'manager', 'About Us'),
(NULL, 'Informasi', 'mod.php?mod=informasi', 'informasi.gif', 'informasi', 1, 3, 'informasi_block.php', 0, 0, 'manager', 'Information Center'),
(NULL, 'HOME', 'mod.php?mod=content', 'content.gif', 'content', 1, 1, 'content_block.php', 0, 0, 'manager', 'Portal Content');
```

### c. Edit Publisher and Katalog Row

After adding the new field, browse the modules table. Find row or record that contain Publisher and Katalog data. Edit both row by inserting '**publisher\_block.php**' and '**katalog\_block.php**' into **block\_file** field.

After completing the above task, and you browse the table, all rows will have ....\_block.php, except Polling.

d. When you have completed the entire upgrade process, from eNdonesia 8.3 to eNdonesia 8.4, you can play with this Module Editor by clicking **Edit** link next to Installed Module in admin page to configure your modules.

At minimum you can use the Module Editor to configure where you want your module block to appear: left, right, center. You can set the position by using 0,1,2,3. 0=do not show the block. 1= show the block on left column. 2=Center. 3= Right.

You can also set the block appearance, on top or below other modules, by providing ascending number.

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## Upgrade Publisher Module

- a. Upload `upgrade_publisher_index.php` and `upgrade_publisher_admin.php` from your `docs` directory (PC) to your publisher module directory on your web hosting (`mod/publisher`). Both files contain some functions needed to upgrade the module.
- b. Rename `index.php` and `publisher_admin.php` files which exist in your publisher module directory to `new_index.php` and `new_publisher_admin.php`
- c. Rename `upgrade_publisher_index.php` and `upgrade_publisher_admin.php` files you just uploaded to `index.php` and `publisher_admin.php`
- d. Insert Data to `mod_publisher_topik` Table

When you import `upgrade-endonesia84-en.sql`, you also create `mod_publisher_topik` tabel. This table will be used to store relation data between news id and category id, and it will enable the multi-category feature.

We fill the table with the relation data by running the following publisher function with your browser. You have to [login as admin](#) before run this process.

[http://www.your\\_portal.com/mod.php?mod=publisher&op=topik\\_content](http://www.your_portal.com/mod.php?mod=publisher&op=topik_content)

**Notes:** replace [www.your\\_portal.com](#) with your own portal URL

Execute the URL one time only. In case of you executing the URL twice, you have to empty `mod_publisher_topik` table, and run the URL again.

- e. Add `released` Field to `mod_publisher` Tabel

We need new field, `released`, to be added to `mod_publisher_table`. This field will store re-released date of an article. With this new field, we will have two `datetime` field in `mod_publisher_table`. The old one is `time` field.

`released` field will be used to sort and list your portal news, while the `time` field will be used only as a note on when you insert the news. By separating this datetime, we able to publish old news, or set publishing date of news.

Use phpMyAdmin and go to `mod_publisher` table. Use add field tool to add one field [after time](#) field, and insert the following data.

Field = `released`  
Type = `datetime`  
Default = `0000-00-00 00:00:00`

After creating the field, we will [copy](#) time field content to the released field. [Login as admin](#), and execute the following function:

[http://www.your\\_portal.com/mod.php?mod=publisher&op=time\\_released](http://www.your_portal.com/mod.php?mod=publisher&op=time_released)

**Notes:** replace [www.your\\_portal.com](#) with your portal URL.

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f. Delete Field cid from mod\_publisher Table

While you are playing with mod\_publisher table, there is another task to do: delete field cid. We no longer need this field, as we just copy the cid content to mod\_publisher\_topik, and will use cid from this table to run the publisher module. cid used to store your news category number.

To delete cid field from mod\_publisher table, just use your phpMyAdmin.

g. Add orderid Field to mod\_publisher\_categories Table

This orderid field will be used to sort your news category appearance in left or right block. Use phpMyAdmin to add this field after parentid field, and add the following:

Field = orderid  
Type = smallint  
Attributes = unsigned  
Default = 0 (read: zero)

**Notes:** orderid will only be used to sort the main category, non sub-category.

After creating the orderid field, browse your mod\_publisher\_categories table, and sort the row by parentid. Click checkbox on all rows that have parentid=0, and edit the row. Fill in sort order number (1,2,3,...) to orderid field (just fill it, you can change it later through your portal), and save it.

h. Publisher upgrade almost completed. The last steps is to reverse step b and c. Delete index.php and publisher\_admin.php from publisher module directory, and then rename new\_index.php and new\_publisher\_admin.php to index.php and publisher\_admin.php.

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## Upgrade Katalog Module

- a. Upload `upgrade_katalog_index.php` and `upgrade_katalog_admin.php` files from `docs` directory (in your PC) to katalog module directory on your web hosting (`mod/katalog`) . Both files contain some function need to do the upgrade.
- b. Rename `index.php` and `katalog_admin.php` files in your katalog module directory to `new_index.php` and `new_katalog_admin.php`
- c. Rename `upgrade_katalog_index.php` and `upgrade_katalog_admin.php` files you just uploaded to `index.php` and `katalog_admin.php`
- d. Fill `mod_katalog_katakate` Table

When you import `upgrade-endonesia84-en.sql` to your existing MySQL database, you automatically create `mod_katalog_katakate` table. This new table will be used to store relation data between link and categories of your web directory.

To fill this table, **login as admin** and run the following link/function in your browser:

[http://www.your\\_portal.com/mod.php?mod=katalog&op=katakate](http://www.your_portal.com/mod.php?mod=katalog&op=katakate)

**NOTES:** replace `www.your_portal.com` with your portal URL.

Do this step one time only. In case you executed it more than once, you have to empty your `mod_katalog_katakate` table using phpMyAdmin and re-run the process.

- e. Delete Field `cid` from `mod_katalog` Table

Using phpMyAdmin, **delete** field `cid` from `mod_katalog` table. We no longer need this field. The `cid` has been copied to `mod_katalog_katakate`.

- f. The upgrade almost completed. The final step is to reverse step b and c. Delete `index.php` and `katalog_admin.php` from katalog modul folder and then rename `new_index.php` and `new_katalog_admin.php` to `index.php` and `katalog_admin.php`.



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## Upgrade Userpage to About and Informasi Module

In eNdonesia 8.3, we use userpage to create independent webpage for presenting information such as your profile or any kind of information. We recognized this tool by **Web Page**: [new web page](#) and [web page list](#) on admin page.

In eNdonesia 8.4, there are new modules to create your profile (About module) and to create any information page (Informasi module).

Unfortunately, there is no tool to transfer content of your current userpage into both new modules. Please re-create using both modules, later.

So, the steps you have to take in this upgrade process are:

- a. **delete mod\_userpage\_data** table from your database
- b. **delete userpage** directory (and the files within) from your mod directory

## Upgrade Menu to Content Module

We will no longer use menu tools, known as **Main Thing: Edit Main Menu** in eNdonesia 8.3. We will use the new **Content** module to create menu. In short, we have turn Edit Main Menu tool into Content module.

By default, in eNdonesia 8.4, this module can be identified as **HOME** in the list of available module in your admin page.

Just like above step, there is no upgrade tool for this step. So, what you have to do now is, using phpMyAdmin, **delete menu** table from your database.

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## Upgrade Users Table

This is the last step in the entire upgrade processes: adding two fields into **users** table. The fields are **regdate** (registration date) and **lastlogin** (the last time a user login to your portal).

Use phpMyAdmin to add two fields [At End of Table](#). One for regdate, the other for lastlogin. Both have same format. The difference is only on the field name. Put regdate before lastlogin.

For **regdate** field:

Field = regdate  
Type = datetime  
Default = 0000-00-00 00:00:00

For **lastlogin** field:

Field = lastlogin  
Type = datetime  
Default = 0000-00-00 00:00:00

Browse users table after completing the fields addition. You will notice that all users will have same regdate dan lastlogin: 0000-00-00 00:00:00.

As this is the first time we record members activities, let replace that time with today or current time.

Use [SQL](#) tool of phpMyAdmin to execute this query:

```
update users set regdate='2006-05-12 12:12:12', lastlogin='2006-05-12 12:12:12';
```

Change the value of '2006-05-12 12:12:12' as you wish. The format is:

'year-month-day hour:minute:second'

By adding these new fields, now we can monitor members activities through the new [Manage User](#) tools in admin page. If some day you find, e.g. next three months, that the value of regdate is still similar to lastlogin, you may consider to delete those member as they never came back to your portal.

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## TIPS

### 1. Restore Admin Password

In case you forgot your admin password, the simplest way to restore it is by emptying **authors** table and reinsert its original content. Here is the default value (admin=endonesia). Use **SQL** tool of phpMyAdmin to execute it.

```
INSERT INTO `authors` VALUES ('admin', 'admin', '', 'admin@admin.com', 'a69b13b0bc4e6ed52ea5e04dbc651314', 0);
```

### 2. Do Not Use Double Quotes

The use of double quotes (") is forbidden in writing any content (publisher, forum, etc). If you like, you can replace it by typing single quote (') twice.

### 3. Turn Off Modules Error

There are million ways to create error message in php script. Toward eNdonesia 8.x, some people like to play with not installed or non existing module. Like entering mod.php? mod=yahoo into your portal url.

It would be wise for you to turn off the error made by such game by adding '@' symbol to the mod.php file. So, open your mod.php file and change the content to:

```
@include("./mod/$mod/index.php");
```

Use this simple method only if you think that your portal is already running well.

If someday you want to modify your php script, remove the @ symbol to check for any errors.

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## **Support and Disclaimer**

### **Disclaimer**

eNdonesia 8.4. is open source. GPL. You can use, modify, and so on... for free.

If something going wrong with your portal, fix it. Don't blame me...

### **Support**

You can ask for support, or share your experience, at our forum:

<http://www.endonesia.org/mod.php?mod=diskusi>

If you can speak Indonesian language, you can visit Indonesian support forum:

<http://www.endonesia.com/mod.php?mod=diskusi>

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## Resources

PhpWebsite <http://phpwebsite.apstate.edu>

PhpNuke <http://www.phpnuke.com>

PhpLinks <http://www.phplinks.org>

Notetab <http://www.notetab.com> - multitab text and ASCII editor

Sourceforge <http://www.sourceforge.net>

eNdongesia Download Center - <http://www.sourceforge.net/projects/indonesia>