

PHP121 v3.1.3

Instant Messenger

Web: <http://www.php121.com>

Support: <http://forums.php121.com>

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GPL License.

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PHP121 Instant Messenger Documentation

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Table of Contents

1.	General Information	3
1.1.	Getting the Latest Release	3
1.2.	License	3
1.3.	Web Site	3
2.	Installing PHP121	4
2.1.	Requirements	4
2.2.	Installing PHP121 as a Standalone Service.....	5
2.3.	Installing PHP121 as a PHPNuke Integrated Service.....	7
2.4.	Installing PHP121 as a phpBB Integrated Service.....	11
2.5.	Installing PHP121 as a Drupal Integrated Service	15
2.6.	Installing PHP121 as an Integrated Service (other)	17
2.7.	Installing the PHP121 Status Icon on your Home Page.....	19
2.8.	Upgrading PHP121	20
3.	Tutorial.....	22
3.1.	PHP121 as a Standalone Service.....	22
3.1.1.	Contact List	22
3.1.1.1.	Search Users	23
3.1.1.2.	Buddy list Features	23
3.1.2.	PHP121 Editor (Options screen)	25
3.1.2.1.	Profile.....	25
3.1.2.2.	Staff	26
3.1.3.	The Chat Window.....	26
3.2.	PHP121 as a PHPNuke Integrated Service.....	28
3.2.1.	The User Info Block.....	28
3.3.	PHP121 as a phpBB Integrated Service.....	30
3.4.	PHP121 as an Integrated Service (other)	31
4.	Troubleshooting / FAQ.....	32

1. General Information

PHP121 Instant Messenger (PHP121) is an instant messenger for any website that has PHP and MySQL support. Users only require an internet browser that supports JavaScript and allows pop-ups. Flash and Java applets are **not** used. Current price is US\$19.

1.1. Getting the Latest Release

First, you must be an existing customer. To buy PHP121, click on the PayPal “Buy Now” button at <http://www.php121.com>

The latest version of PHP121 is always available at:
<http://www.php121.com/download.php>

1.2. License

PHP121 is a commercial product and is copyrighted. You may use PHP121 on your website after you buy a license at the PHP121 website. Each website you use PHP121 on requires a separate license.

To remove the PHP121 branding (i.e. the “Powered by PHP121” line), you must buy a brand-free license. Full details are on the PHP121 website, or you may contact us for more information.

1.3. Web Site

You can buy, download the latest version, or get help or discuss PHP121 in the forums at the PHP121 website: <http://www.php121.com>

2. Installing PHP121

PHP121 can be installed as a standalone service, which means it is not integrated into any other script. It can also be integrated into existing websites with ease. The default install is standalone and is the one that should be used unless you have a script that is listed in any of the other installation headings.

2.1. Requirements

In order to use PHP121, make sure your system or host meets the following requirements:

- A Linux or Windows Box installed and working properly.
- Apache Web Server (<http://www.apache.org>)
- PHP version 4.2.x or better (mod_php) Apache module (<http://www.php.net>)
- MySQL database server 4.0 or better (<http://www.mysql.com>)

Setup of these required packages is beyond the scope of this document and if you are unsure you should check with each of the appropriate web sites for further details.

2.2. Installing PHP121 as a Standalone Service

This section gives instructions on how to install PHP121 as a standalone service which will use PHP121's user tables. This means that PHP121 will be completely separate from any other features on your website. Your users will be required to register again, even if they are registered on another part of your site. They will also need to log into PHP121 separately from any other part of your website.

NOTE: If you already have a user table, you may want to try [Installing PHP121 as an Integrated Service \(other\)](#) instead, which will allow PHP121 to use your existing user tables and remove the need for users to re-register. However, they will still need to log in separately.

- 1) Decompress: Untar/unzip the package
- 2) Move: Copy the contents (including the subdirectories) of **php121/** to the desired directory on your web server (e.g. **/home/paul/www/php121/**)
- 3) Set up database: Import the contents of **sql/standalone/new/php121.sql** into your MySQL database. PHPMyAdmin is recommended, but you can also 'source' it using the MySQL console.
- 4) Edit configuration: Copy **php121config.php-STANDALONE** to **php121config.php**, replacing any existing file. Edit **php121config.php** and change all the variables to match your database and website configuration.

If you don't know any of these settings, contact your hosting provider or support department.

- 5) Change permissions on the **php121avatars** directory to allow avatar uploads. You need to make this writable by your web server: change to the php121 directory and under unix type:
chmod -R 777 php121avatars
In windows, just right click the php121avatars folder and set the writable permissions using the menus.
- 6) Set up linking page: On the page you want to link to PHP121 (e.g. your index.html page which will have a hyperlink to the PHP121 script, put this in the <HEAD> section:

```
<script type="text/javascript">
var newwindow;
function popstastic(url){
newwindow=window.open(url,'name','height=500,width=240,left=20,top=20,toolbar=no,m
```

```
enubar=no,directories=no,location=no,scrollbars=yes,status=no,resizable=yes,fullscreen=no');  
if (window.focus) {newwindow.focus();}  
}  
</script>
```

- 7) Create link: Create the link to PHP121 on your site. View `php121index.php` in a text editor to see an example of how to link to PHP121.

Use code similar to the following to create a nice contact-list sized window: **You need to edit the path to `php121im.php` if `php121im.php` is not in the same directory as your webpage that is linking to PHP121.**

```
<a href="javascript:poptastic('php121im.php');">Instant Messenger</a>
```

- 8) Delete sample index: Delete **php121index.php** in the `php121` directory as this is just a sample to show you how to link to `php121` from your site.
- 9) Create OWNER account: Create a user account by browsing to the page with the PHP121 link and click on it. The first user to sign up will be given OWNER privileges.
- OWNERS can give users ADMIN privileges.
 - ADMINS cannot edit or delete OWNERS and they cannot give ADMIN privileges to other users.
 - In the "Who's online" section, OWNERS are red, ADMINS are green, and USERS are blue.
- 10) Finished: Install complete.

If you get stuck, confused, or don't even know how to start installing PHP121, please go to <http://forums.php121.com> and ask your question in one of the forums.

2.3. Installing PHP121 as a PHPNuke Integrated Service

This section gives instructions on how to install PHP121 as a PHPNuke (<http://www.phpnuke.org>) integrated service. This means that PHP121 will:

- use PHPNuke's user table so users do not need to re-register.
- use PHPNuke's sessions, so users do not need to login again.
- disable PHP121's account management functions (create / delete account, etc) as these will be handled by PHPNuke.
- have a link in the modules block on the PHPNuke homepage
- show user status in the "User Info" block. A red man will appear for offline chat status, and a green man will appear for online chat status.

- 1) Decompress: Untar/unzip the package
- 2) Move: Copy the contents (including the subdirectories) of php121/ to the **top level PHPNuke directory** on your web server (e.g. **/home/paul/www/**), ***NOT*** to a subdirectory (like **/home/paul/www/modules/**). **If you have done this correctly, you should now have php121im.php in the same folder as mainfile.php.**
- 3) Set up database: Import the contents of **sql/phpnuke/new/php121-nuke.sql** into your MySQL database. PHPMysqlAdmin is recommended, but you can also 'source' it using the MySQL console.
- 4) Edit configuration: Copy **php121config.php-PHPNUKE** to **php121config.php**, replacing the existing file. Edit **php121config.php** and change all the variables to match your database and website configuration.

If you don't know any of these settings, contact your hosting provider or support department.

- 5) Change permissions on the **php121avatars** directory to allow avatar uploads. You need to make this writable by your web server: change to the php121 directory and under unix type:
chmod -R 777 php121avatars
In windows, just right click the php121avatars folder and set the writable permissions using the menus.
- 6) Set up blocks: Go into the Administration area of PHPNuke (admin.php) and then the BLOCKS page. Make sure that block-User_Info is activated. If it isn't in the list, then add it using the form. The filename you want is User Info. You can leave everything else blank. Now that you have the User Info block, you probably don't need the Who's online block. You can disable this block.

- 7) Edit Javascript: Edit **includes/javascript.php** and add the following at the bottom of the file, before the "?>" :

```
echo "<script type='text/javascript'>\n";
echo "<!--\n";
echo "var newwindow;\n";
echo "function poptastic(url){\n";
echo
"newwindow=window.open(url,'name','height=500,width=240,left=20,top=20,toolbar=no,menubar=no,
directories=no,location=no,scrollbars=no,status=no,resizable=yes,fullscreen=no');\n";
echo "if (window.focus) {newwindow.focus()}\n";
echo "}\n";
echo "/*-->\n";
echo "</SCRIPT>\n\n";
```

- 8) Now it's time to integrate it into PHPNuke. I have included 2 blocks - **block-Modules.php** and **block-User_Info.php** in the **integration/phpnuke** directory of the release. The Modules block simply contains a link to PHP121 at the top of the modules list. The User Info block contains a link to PHP121 and icons beside each online user to show their messenger status. You have a choice: just to copy the provided blocks into your blocks directory, or edit your blocks yourself. The copy option is the easiest and won't break anything (but make a backup anyway!). The edit option is necessary if your files have been customised.

COPY OPTION:

- 9) Backup your **blocks/block-Modules.php** and **blocks/block-User_Info.php** files, or just rename them to **block-Modules.php.orig** and **block-User_Info.php.orig**
- 10) Copy the block files provided in this distribution to the blocks folder of your PHPNuke installation. You are then ready to use PHP121. Simply log into PHPNuke and you can load the Instant Messenger by clicking on the link in the User Info block or Modules block.

EDIT OPTION:

2 changes must be made to both the modules block and the user info block as follows:

BLOCK-MODULES.PHP Change 1 of 2:

Find:

```
global $prefix, $db, $admin;
```

Replace with:

```
global $prefix, $db, $admin, $user;
```

BLOCK-MODULES.PHP Change 2 of 2:

Find:

```
/* Now we make the Modules block with the correspondent links */
```

After, add:

```
/**PHP121**  
if (is_user($user)){  
    $content .= "<strong><big>&middot;</big></strong>&nbsp;<a  
href=\"javascript:poptastic('php121im.php');\">Instant Messenger</a><br>\n";  
}  
/**END PHP121**
```

BLOCK-USER_INFO.PHP Change 1 of 2:

Find (around line 38):

```
$result = $db->sql_query("SELECT uname, guest FROM $prefix"._session." WHERE guest='0'");  
$member_online_num = $db->sql_numrows($result);  
$who_online_now = "";  
$i = 1;  
while ($session = $db->sql_fetchrow($result)) {  
    if (isset($session["guest"]) and $session["guest"] == 0) {  
        if ($i < 10) {  
            $who_online_now .= "0$i:&nbsp;<a  
HREF=\"modules.php?name=Your_Account&op=userinfo&username=$session[uname]\"  
>$session[uname]</a><br>\n";  
        } else {  
            $who_online_now .= "$i:&nbsp;<a  
HREF=\"modules.php?name=Your_Account&op=userinfo&username=$session[uname]\"  
>$session[uname]</a><br>\n";  
        }  
        $who_online_now .= ($i != $member_online_num ? " " : "");  
        $i++;  
    }  
}
```

Replace with:

```
/**PHP121**  
$sql = "SELECT $prefix"._session.".uname, $prefix"._session.".guest,  
$user_prefix"._users.".user_id, $user_prefix"._users.".user_from,  
$user_prefix"._users.".php121_user_chatting FROM $prefix"._session.", $user_prefix"._users."  
WHERE $prefix"._session.".guest=0 AND $prefix"._session.".uname =  
$user_prefix"._users.".username";  
$result = $db->sql_query($sql);  
$member_online_num = $db->sql_numrows($result);  
$who_online_now = "";  
$i = 1;  
  
while ($session = $db->sql_fetchrow($result)) {  
    if (isset($session["guest"]) and $session["guest"] == 0) {  
        if ($i < 10) {
```

```

        if ($session["php121_user_chatting"]!=0 && $session["php121_user_chatting"]!=NULL &&
(time()-$session["php121_user_chatting"]) < 90 ) {
            $who_online_now .= "0$i:&nbsp;<A
HREF=\"modules.php?name=Forums&file=profile&mode=viewprofile&u=$session[us
er_id]\">". $session[uname]. "</a>&nbsp;&nbsp;<a href=\"#\"
onClick=\"window.open('php121sendim.php?to=$session[user_id]','$session[user_id]','left=20,top=2
0,width=750,height=550,toolbar=0,resizeable=0');\"><img src=\"images/blocks/ur-registered.gif\"
height=\"14\" width=\"17\" border=0></a><br>\n";
        } else {
            $who_online_now .= "0$i:&nbsp;<A
HREF=\"modules.php?name=Forums&file=profile&mode=viewprofile&u=$session[us
er_id]\">". $session[uname]. "</a>&nbsp;&nbsp;<a
href=\"modules.php?name=Private_Messages&file=index&mode=post&u=$session[user_id]\"><img
src=\"images/blocks/ur-admin.gif\" height=\"14\" width=\"17\" border=0></a><br>";
        }
    } else {
        if ($session["php121_user_chatting"]!=0 && $session["php121_user_chatting"]!=NULL &&
(time()-$session["php121_user_chatting"]) < 90 ) {
            $who_online_now .= "$i:&nbsp;<A
HREF=\"modules.php?name=Forums&file=profile&mode=viewprofile&u=$session[us
er_id]\">". $session[uname]. "</a>&nbsp;&nbsp;<a href=\"#\"
onClick=\"window.open('php121sendim.php?to=$session[user_id]','$session[user_id]','left=20,top=2
0,width=750,height=550,toolbar=0,resizeable=0');\"><img src=\"images/blocks/ur-registered.gif\"
height=\"14\" width=\"17\" border=0></a><br>\n";
        } else {
            $who_online_now .= "$i:&nbsp;<A
HREF=\"modules.php?name=Forums&file=profile&mode=viewprofile&u=$session[us
er_id]\">". $session[uname]. "</a>&nbsp;&nbsp;<a
href=\"modules.php?name=Private_Messages&file=index&mode=post&u=$session[user_id]\"><img
src=\"images/blocks/ur-admin.gif\" height=\"14\" width=\"17\" border=0></a><br>";
        }
    }
    $who_online_now .= ($i != $member_online_num ? " " : "");
    $i++;
}
}

//*****END PHP121*****

```

BLOCK-USER INFO.PHP Change 2 of 2:

Find:

```

if (is_user($user)) {
    $content .= "<br><img src=\"images/blocks/group-4.gif\" height=\"14\" width=\"17\">
\"_BWEL.\" , <b>$uname</b>.<br>\n<hr>\n";
}

```

Replace with:

```

//**PHP121**
    $content .= "<br><img src=\"images/blocks/group-4.gif\" height=\"14\" width=\"17\">
\"_BWEL.\" , <b>$uname</b>.<br><A HREF=\"javascript:poptastic('php121im.php');\"> Show
Instant Messenger</a><br>\n<hr>\n";
//**END PHP121**

```

11)Finished: Install complete.

If you get stuck, confused, or don't even know how to start installing PHP121, please go to <http://forums.php121.com> and ask your question in one of the forums.

2.4. Installing PHP121 as a phpBB Integrated Service

This section gives instructions on how to install PHP121 as a phpBB (<http://www.phpbb.com>) integrated service. This means that PHP121 will:

- use phpBB's user table so users do not need to re-register.
- use phpBB's sessions, so users do not need to login again.
- disable PHP121's account management functions (create / delete account, etc) as these will be handled by phpBB.
- have a link to open PHP121 in the "Who is Online" section on the phpBB main page
- show user status in the "Who is Online" section on the phpBB main page. A speech bubble will indicate the user is online and accepting chat requests. Clicking on the speech bubble will initiate a chat.

You can either follow the instructions here, or use the `php121phpbbmod.txt` phpBB MOD file included in the `integrations/phpBB` folder.

- 1) Decompress: Untar/unzip the package
- 2) Move: Copy the `php121/` folder to the **top level phpBB directory** on your web server (e.g. `/home/paul/www/`). The `php121im.php` file would now be in this location:
`/home/paul/www/php121/php121im.php`
- 3) Set up database: Import the contents of **`sql/phpbb/new/php121-phpbb.sql`** into your MySQL database. PHPMysqlAdmin is recommended, but you can also 'source' it using the MySQL console.
- 4) Edit configuration: Copy **`php121config.php-PHPBB`** to **`php121config.php`**, replacing the existing file. Edit **`php121config.php`** and change all the variables to match your database and website configuration.

If you don't know any of these settings, contact your hosting provider or support department.

- 5) Change permissions on the **`php121avatars`** directory to allow avatar uploads. You need to make this writable by your web server: change to the `php121` directory and under unix type:
`chmod -R 777 php121avatars`
In windows, just right click the `php121avatars` folder and set the writable permissions using the menus.
- 6) Now it's time to integrate it into phpBB. I have included 2 files - **`page_header.php`** and **`overall_header.tpl`** in the **`integration/phpBB`** directory of the release.

The **page_header.php** (**includes/page_header.php**) file contains changes so that users who have the PHP121 contact list open will have a speech bubble icon next to their name. Clicking on this speech bubble icon will initiate a chat.

The **overall_header.tpl** (**templates/subSilver/overall_header.tpl**) file is part of the subSilver template. This file contains changes so that an "Instant Messenger" link appears at the top of the main phpBB page.

You have a choice:

Copy the provided files into the appropriate directories, or edit your blocks yourself. The copy option is the easiest and won't break anything (but make a backup anyway!). The problem is that these files may be out of date if a later version of phpBB updated these files from version 2.0.21.

The edit option is necessary if your files have been customised.

COPY OPTION:

- 7) Backup your **includes/page_header.php** and **templates/subSilver/overall_header.tpl** files, or just rename them to **page_header.php.orig** and **overall_header.tpl.orig**
- 8) Copy the modified phpBB files provided in this distribution to the appropriate directories of your phpBB installation, as follows:

copy **integration/phpBB/page_header.php** to
includes/page_header.php

copy **integration/phpBB/overall_header.tpl** to
templates/subSilver/overall_header.tpl

You are then ready to use PHP121. Simply log into phpBB and you can load the Instant Messenger by clicking on the link.

EDIT OPTION:

You must use this method if you use a customised phpBB
2 changes must be made to each of the 2 files as follows:

includes/page_header.php Change 1 of 2:

Find:

```
$sql = "SELECT u.username, u.user_id, u.user_allow_viewonline, u.user_level,  
s.session_logged_in, s.session_ip
```

Replace with:

```
$sql = "SELECT u.username, u.user_id, u.user_allow_viewonline, u.user_level,
u.php121_user_chatting, s.session_logged_in, s.session_ip
```

includes/page_header.php Change 2 of 2:

Find:

```
        if ( $row['user_allow_viewonline'] )
        {
            $user_online_link = '<a href=' . append_sid("profile.phpEx?mode=viewprofile&";
POST_USERS_URL . "=" . $row['user_id'] . "' . $style_color .'>' . $row['username'] . '</a>';
            $logged_visible_online++;
        }
        else
        {
            $user_online_link = '<a href=' . append_sid("profile.phpEx?mode=viewprofile&";
POST_USERS_URL . "=" . $row['user_id'] . "' . $style_color .'><i>' . $row['username'] . '</i></a>';
            $logged_hidden_online++;
        }
    }
```

After, add:

```
/**PHP121**
        if ($row['php121_user_chatting']!=0 && $row['php121_user_chatting']!=NULL &&
(time()-$row['php121_user_chatting']) < 90 ) {
            // has php121 open - show green icon
            $user_online_link .= "<a href=#"
onClick=\"window.open('php121/php121sendim.php?to=$row[user_id]','$row[user_id]','left=20,
top=20,width=600,height=500,toolbar=0,resizeable=0');\"><img src=\"php121/php121online.gif\"
height=11 width=11 border=0 ALT=\\\"Send instant message\\\"></a>";
        }
/**END PHP121**
```

templates/subSilver/overall_header.tpl Change 1 of 2:

Find:

```
<title>{SITENAME} :: {PAGE_TITLE}</title>
```

After, add:

```
/**PHP121**
<script type="text/javascript">
var newwindow;
function popstastic(url){
newwindow=window.open(url,'name','height=500,width=240,left=20,top=20,toolbar=no,menubar=no
,directories=no,location=no,scrollbars=yes,status=no,resizeable=yes,fullscreen=no');
if (window.focus) {newwindow.focus()}
}
</script>
```

```
//*****END PHP121*****
```

templates/subSilver/overall header.tpl Change 2 of 2:

Find:

```
<td height="25" align="center" valign="top"
nowrap="nowrap"><span class="mainmenu">&nbsp;<a href="{U_PROFILE}"
class="mainmenu">{L_PROFILE}</a>&nbsp;&nbsp;<a
href="{U_PRIVATEMSG}" class="mainmenu">{PRIVATE_MESSAGE_INFO}</a>&nbsp;&nbsp;<a
href="{U_LOGIN_LOGOUT}" class="mainmenu">{L_LOGIN_LOGOUT}</a>&nbsp;</span></td>
```

Replace with:

```
<td height="25" align="center" valign="top"
nowrap="nowrap"><span class="mainmenu">&nbsp;<a
href="javascript:poptastic('php121/php121im.php');" class="mainmenu">Instant Messenger</a>&nbsp;&nbsp;<a href="{U_PROFILE}"
class="mainmenu">{L_PROFILE}</a>&nbsp;&nbsp;<a
href="{U_PRIVATEMSG}" class="mainmenu">{PRIVATE_MESSAGE_INFO}</a>&nbsp;&nbsp;<a
href="{U_LOGIN_LOGOUT}" class="mainmenu">{L_LOGIN_LOGOUT}</a>&nbsp;</span></td>
```

9) Finished: Install complete.

If you get stuck, confused, or don't even know how to start installing PHP121, please go to <http://forums.php121.com> and ask your question in one of the forums.

2.5. Installing PHP121 as a Drupal Integrated Service

This section gives instructions on how to install PHP121 as a Drupal integrated service which will use your existing Drupal user tables. This means that PHP121 will:

- use your existing user table so users do not need to re-register.
- use Drupal's sessions, so users do not need to login again.
- disable PHP121's account management functions (create / delete account, etc) as these will be handled by Drupal.
- have a link to open PHP121 in the Drupal menu.

- 1) Decompress: Untar/unzip the package
- 2) Move: Copy the contents (including the subdirectories) of **php121/** to your Drupal directory on your web server (e.g. /home/paul/www/drupal/)

The php121im.php file should now be in this location:
/home/paul/www/drupal/php121im.php

- 3) Set up database: Import the contents of **sql/drupal/new/drupal.sql** into your MySQL database. PHPMysqlAdmin is recommended, but you can also 'source' it using the MySQL console.
- 4) Edit configuration: Copy **php121config.php-DRUPAL** to **php121config.php**, replacing the existing file. Edit **php121config.php** and change all the variables to match your database configuration.

If you don't know any of these settings, contact your hosting provider or support department.

- 5) Create link: Now we need to add PHP121 to your menu. Within your Drupal, click:
 - Administer -> Site Building -> Menus -> Navigation
 - Add item
 - Fill in the details as:
 - Path:**
http://www.yoursite.com/path_to_your_drupal/php121drupal.php
(e.g. http://www.php121.com/drupal/php121drupal.php)
 - Menu link title:** Instant Messenger
 - Description:** PHP121 Instant Messenger
 - Save

- 6) Decide which username to give OWNER privileges to. Edit this user's database record and change their php121_level to 3

You can do this in PHPMYAdmin by viewing the user's record, then clicking the edit button and entering 3 into the php121_level box, then save the record.

- 7) Finished: Install complete.

If you get stuck, confused, or don't even know how to start installing PHP121, please go to <http://forums.php121.com> and ask your question in one of the forums.

2.6. Installing PHP121 as an Integrated Service (other)

This section gives instructions on how to install PHP121 as a standalone service which will use your existing user tables. This means that PHP121 will:

- use your existing user table so users do not need to re-register.
- give you the option to disable its account management functions (create / delete account, etc) as these are probably handled by your website already.

8) Decompress: Untar/unzip the package

9) Move: Copy the contents (including the subdirectories) of **php121/** to the desired directory on your web server (e.g. /home/paul/www/php121/)

10) Set up database: Import the contents of **sql/standalone/new/php121.sql** into your MySQL database. PHPMysqlAdmin is recommended, but you can also 'source' it using the MySQL console.

11) Edit configuration: Copy **php121config.php-STANDALONE** to **php121config.php**, replacing the existing file. Edit **php121config.php** and change all the variables to match your database configuration.

If you don't know any of these settings, contact your hosting provider or support department.

12) On the page you want to link to PHP121 (e.g. your index.html page which will have a hyperlink to the PHP121 script, put this in the <HEAD> section:

```
<script type="text/javascript">
var newwindow;
function poptastic(url){
newwindow=window.open(url,'name','height=500,width=240,left=20,top=20,toolbar=no,m
enubar=no,directories=no,location=no,scrollbars=yes,status=no,resizable=yes,fullscreen=
no');
if (window.focus) {newwindow.focus()}
}
</script>
```

13) Create link: Create the link to PHP121 on your site. View **php121index.php** in a text editor to see an example of how to link to PHP121.

Use code similar to the following to create a nice contact-list sized

window:

```
<a href="javascript:poptastic('php121im.php');">Instant Messenger</a>
```

14) Delete sample index: Delete **php121index.php** in the php121 directory as this is just a sample to show you how to link to php121 from your site.

15) Prepare your user table for PHP121: Edit **sql/alter_existing_usertable/new/alter_existing_usertable.sql** and change the name of the user table on the first line of code. For example: Your user table is called "my_big_user_table", therefore you want to change:

```
ALTER TABLE `users` ADD `php121_user_chatting` INT( 11 ) DEFAULT '0' NOT NULL ,
```

to:

```
ALTER TABLE `my_big_user_table` ADD `php121_user_chatting` INT( 11 ) DEFAULT '0' NOT NULL ,
```

16) Import the contents of the new **sql/alter_existing_usertable/new/alter_existing_usertable.sql** into your MySQL database.

17) Decide which username to give OWNER privileges to. Edit this user's database record and change their php121_level to 3

You can do this in PHPMysqlAdmin by viewing the user's record, then clicking the edit button and entering 3 into the php121_level box, then save the record.

18) Supporting PHP121: Go to <http://www.php121.com/donate.html> to donate what you think is a fair amount for PHP121. Commercial programs that do the same thing retail for \$99 or more!

19) Finished: Install complete.

If you get stuck, confused, or don't even know how to start installing PHP121, please go to <http://forums.php121.com> and ask your question in one of the forums.

2.7. Installing the PHP121 Status Icon on your Home Page

You can display a button-like status box on your home page to show how many users are currently using PHP121 Instant Messenger.

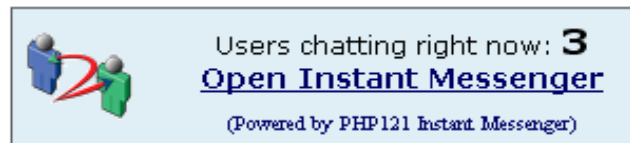


Figure 1 - PHP121 Status Icon

Open your webpage in an editor and place the following code where you want the status icon:

```
<iframe src="php121status.php" width="320" height="120" frameborder="0"></iframe>
```

You need to edit the path to php121status.php! You can use the fully qualified URL if you wish.

Please note: You are not permitted **by any means** to remove the text "(Powered by PHP121 Instant Messenger)" nor the hyperlink to the PHP121 website. This is a free application. Please respect my wish to have a link back to my site. If you don't agree with this then **please do not download or install PHP121**. Thank you.

2.8. Upgrading PHP121

Upgrading PHP121 is not difficult, as long as you have a non-customized installation. If you have edited the PHP121 source code to add your own feature, you will need to re-add your feature after upgrading to the new version.

- 1) Update the database structure: New versions of PHP121 **may** need to update the database structure. If there is a database update required for the release, you will need to import the required SQL file(s) in the appropriate SQL directory. There is an **upgrade** folder under each SQL installation type folder.

The database update files are named in this way:

INSTALL_TYPE-dbupdate-VERSION_FROM-VERSION_TO.sql

If you are skipping one or more version releases in the upgrade (i.e. upgrading from 1.1 to 1.3), you need to import each database update in turn, e.g. 1.1 to 1.2, then 1.2 to 1.3.

For example, if upgrading from Standalone 1.3 to 1.4, we must import *php121-dbupdate-1.3-1.4.sql* using the MySQL console, or a web based interface such as PHPMyAdmin. If it was a PHPNuke integration update, the file would start with *phpnuke-dbupdate* and be in the **sql/phpnuke/update** folder.

Note: The updates will be for standard PHP121 installations that use the standard PHP121 tables. If you are using an existing user table, you will need to **edit** the update files and change the table names where required. Otherwise, the update will not complete successfully.

- 2) Backup php121config.php: The next stage will overwrite the **php121config.php** file, so you need to backup your existing configuration to be able to re-enter the correct values in the new configuration file. Copy it to a folder other than the php121 installation folder.

Note: You cannot simply copy the old configuration file into the updated installation directory. New releases are likely to have more options in the configuration file.

- 3) Update the php121 files: Copy the contents of the php121 directory within the new release folder to the location of your existing installation directory, overwriting all existing files.
- 4) Edit new php121config.php: Edit the new **php121config.php** file, using your backup for guidance on username, password, and database name.

Read the whole configuration file, as it is likely to be different to the one you upgraded from.

- 5) Read the release notes: For any extra steps that may or may not be required, look at the release notes with the new release, if there are any.

3. Tutorial

3.1. PHP121 as a Standalone Service

After installing PHP121, you will have an OWNER account created and ready to be used.

Go to the URL of the page you added the link to PHP121, or if you want to use the default link page, point your browser to the php121index.php file.

You will be prompted to log in. Log in with the OWNER account created in the Installation section.

3.1.1. Contact List

When logged in, you will see the main PHP121 screen – the contact list:

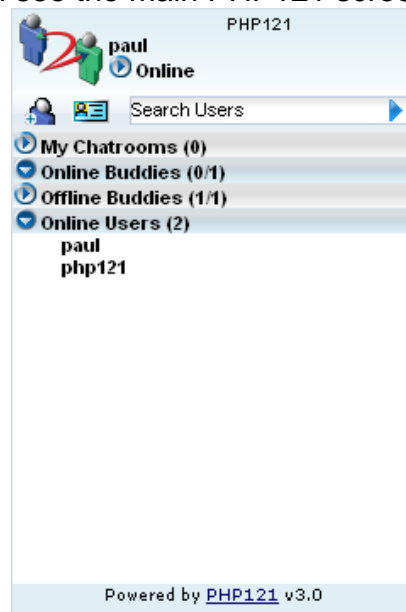


Figure 2 - The PHP121 Contact List

The contact list will update whenever there is a reason to (using AJAX technology), such as someone signing in or out, or you receive an incoming chat request. Users can click on the PHP121 logo at the top left of the contact list to force a refresh if they wish.

At the top of the contact list, the custom title is displayed that you set up in the configuration file.

The next line shows which user you are logged on as. Click on **Online** to set your away message, appear offline, logout, or change your options.

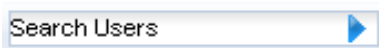


Edit buddy list. Click this to add people to your buddy list, edit your buddy groups, etc.

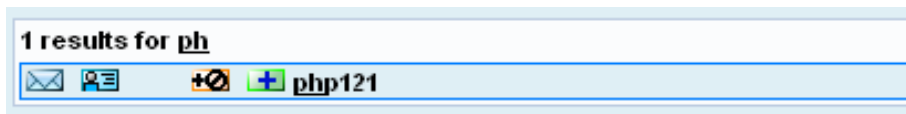








Edit profile. Click to edit your profile message and set various other options.

3.1.1.1. Search Users



Use this to search for partial or exact username matches to find people:



You can send an offline message to the user () , view their profile () , block the user () , or add the user to your buddy list () . If the user is already in your buddy list, you will see an edit buddy option () and a remove buddy option ()

3.1.1.2. Buddy list Features

You can add people to your buddy list and put them in collapsible groups.


Define groups from your options page () .



Figure 3 - Chatroom options from buddylist

When you are already in a chat, it will appear under “My Chatrooms” (shown above). Expand this section to see the list of rooms which can be clicked on to show options. You can reconnect or invite people to that room.



Figure 4 - Online buddy

Online buddies has the same options as described before.

3.1.1.3. Starting a Chat

To start a chat with someone, click on their username in the contact list. A request will be sent to them (Figure 5), with the option of accepting or denying your chat request. If accepted, the request window will turn into the chat room, and if denied, you will be informed. The request will also time out if the other user does not respond (i.e. they are away from the computer). You will also be informed if this is the case.

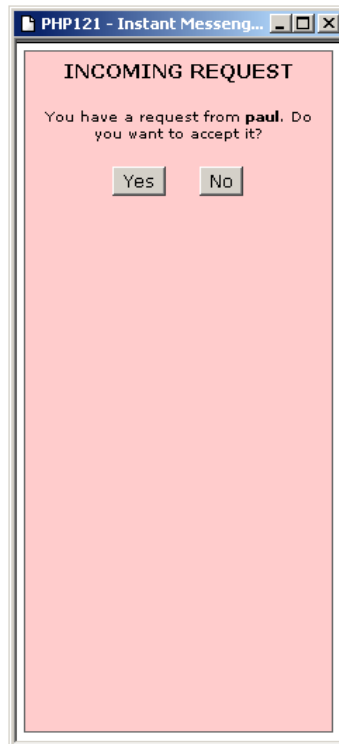




Figure 5 - An Incoming Chat Request

3.1.1.4. Blocking a User

Expand the options below the user and click on  to block the user.  will appear next to the user to remind you that you have blocked them and they cannot contact you. Remove the block by going into your buddy list options page.

3.1.2. PHP121 Editor (Options screen)

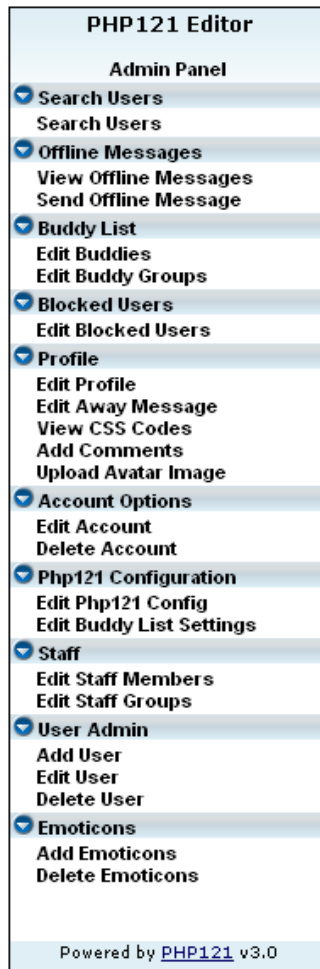




Figure 6 - The PHP121 Options in the PHP121 Editor

By clicking  or , you will enter the PHP121 Editor. Here you can edit many different options shown above. Everything is straight forward and simple, so each section will not be explained here except for a few exceptions below:

3.1.2.1. Profile

Each user has their own customisable profile. Profiles can use html. If they have an avatar uploaded, this will be shown here.

Themes can be chosen as well as customized with CSS. CSS codes allow the user to customize or even create a theme of their own. JavaScript is securely blocked.

Users can display their Buddy List within their profile.

Avatar Images allow users to personalize their profile with their photo. Avatars are displayed in the buddy and comments sections within the profile.

Comments allow buddies to leave messages to each other at the bottom of each profile.

Buddy Comments is a 2-way comment system. Comments will show up on both profiles inside the buddy list.

3.1.2.2. Staff

You can define users who are staff and include them in staff groups, such as Sales, Support, etc. This will be a “global” buddy group, so it will appear for all users.

3.1.2.3. Emoticon Administration

PHP121 allows users to add emoticon PAKs which are PHPBB format. You can download extra PAKs from the PHP121 download page:

<http://www.php121.com/download.php>

After downloading the file, extract the .pak file and emoticons to a directory under the php121smilies directory. E.g. *phpsmilies/cutesmilies/*
The directory name will be the name of your new emoticon pak.

Next, click on “Add Emoticons” in the administration menu, and input the name of the PAK file, relative to the php121smilies directory. E.g. *cutesmilies/smilies.pak*

Click on Add PAK.

Your new emoticons will now appear in the emoticons menu in the chat window.

3.1.3. The Chat Window

When a chat is accepted, both users will enter the chat room – ***as long as there are no pop-up blockers installed on either computer.*** If there are pop-up blockers, they will severely interfere with the functionality of PHP121.

The chat window will appear as shown in Figure 7.

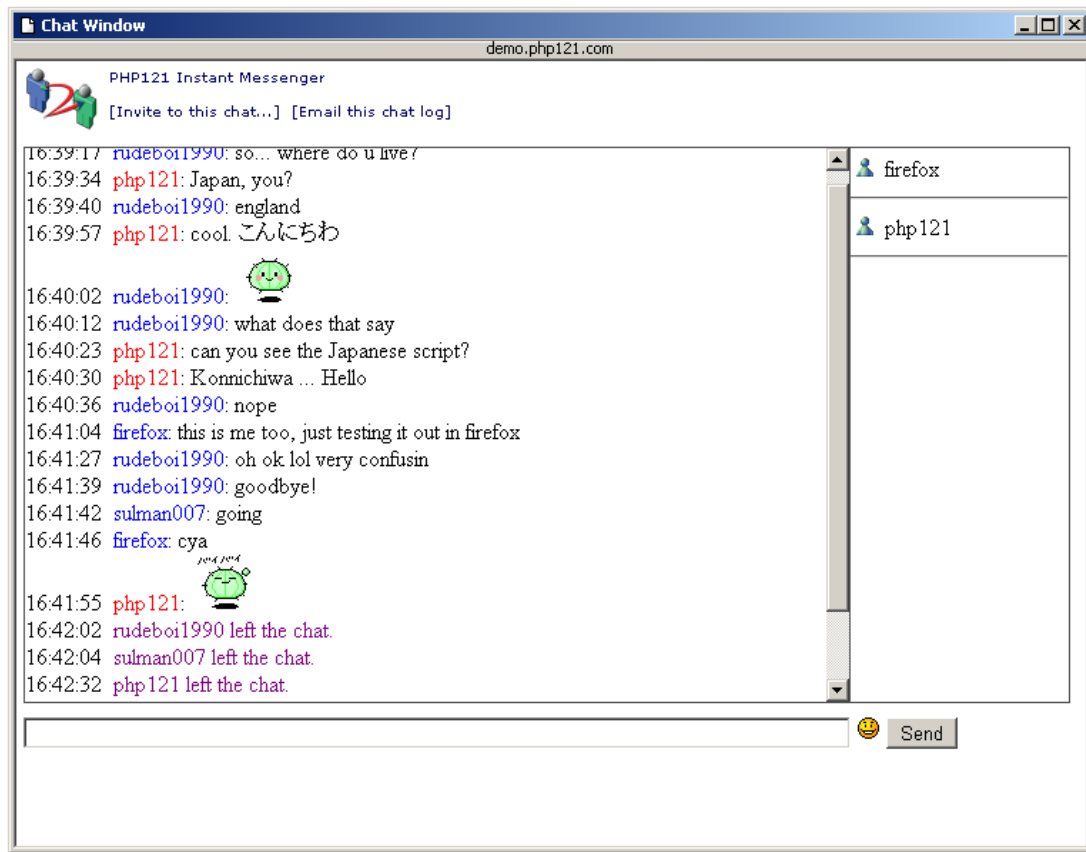


Figure 7 - The Chat Window

Clicking on the smiley face (emoticon) shown at the bottom will display the available emoticons that can be used in chats. Clicking an emoticon in this list will send it to the send message text box automatically.

To send a message, type it into the text box and click on "Send", or just press the Enter key on the keyboard.

Depending on options set in the [PHP121 Editor \(Options screen\)](#), the look and behaviour of the chat window will differ. For example, in Figure 7 timestamps are enabled. Other features that can be turned on or off are described in **Error! Reference source not found.. Error! Reference source not found..**

You can invite other users into this chat by clicking on "**Invite to this chat...**". You can then select who to invite and a request will be sent to them.

To leave a chat, simply close the current chat window.

3.2. PHP121 as a PHPNuke Integrated Service

PHP121 operates almost identically when integrated into PHPNuke as it does as a standalone application.

This section will only describe the differences between the two. For a basic tutorial, refer to 3.1 - [PHP121 as a Standalone Service](#).

This section will assume you are using the suggested settings in php121config.php of:

- \$integration = "phpnuke"
- \$acctman = 0
- The correct database settings for using the PHPNuke user table (usually nuke_users)

All account management functions will be disabled. This means users cannot delete their accounts, and cannot create a login via PHP121.

PHP121 will use PHPNuke sessions, so the user does not need to login to PHP121 directly.

3.2.1. The User Info Block

It is recommended that you use the User Info block that is supplied with PHP121, as set out in the installation instructions.

When activated, this block will look similar to Figure 8.

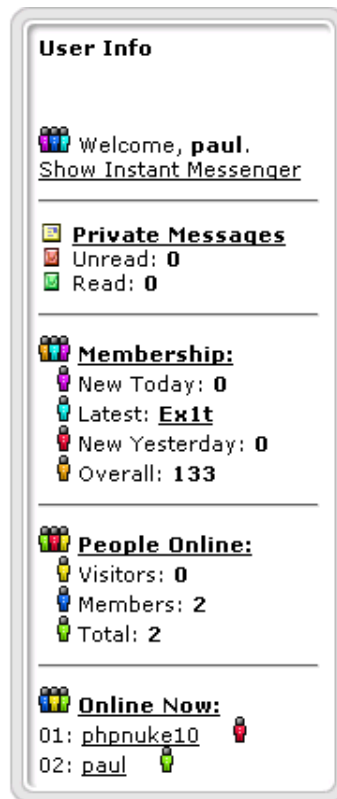


Figure 8 - The User Info Block with PHP121 Integration

Icons appear next to each user. Red indicates that the user is logged into PHPNuke, but does not have the PHP121 Contact List open. Green indicates that they are logged into PHPNuke and have the PHP121 Contact List open and ready to receive chat requests.

To open the Contact List, click on the “Show Instant Messenger” link which is just below the “Welcome, (username)” line. Be sure not to have any pop-up blockers installed on your computer. A green icon will then appear next to your name (you will need to refresh the PHPNuke page to see this).

To send a message to another user, you can:

- Without logging into PHP121, click on the green icon next to the person.
- While logged into PHP121, either click on the green icon next to the person, OR
- Click on the person’s name in the PHP121 “Who’s Online” list.

Clicking on a red icon will redirect you to the Private Messages page so you can send a normal private message.

To log out of PHP121, just close the PHP121 contact list. Your status will change to offline (red icon) after a few minutes.

3.3. PHP121 as a phpBB Integrated Service

PHP121 operates almost identically when integrated into phpBB as it does as a standalone application.

This section will only describe the differences between the two. For a basic tutorial, refer to 3.1 - [PHP121 as a Standalone Service](#).

This section will assume you are using the suggested settings in php121config.php of:

- \$integration = "phpbb"
- \$acctman = 0
- The correct database settings for using the phpBB user table (usually phpbb_users)

All account management functions will be disabled. This means users cannot delete their accounts, and cannot create a login via PHP121.

PHP121 will use phpBB sessions, so the user does not need to login to PHP121 directly.



Most users ever online was 4 on 24 Jun 2001
Registered Users: paul, php121 

Figure 9 – The speech bubble indicating this user is accepting instant message requests

A speech bubble icon will appear next to a user that has the PHP121 instant messenger contact list open and is able to receive instant message requests. By clicking the icon, an instant message conversation can be started.

To open the Contact List, click on the “Instant Messenger” link which is at the top of the phpBB index page. Be sure not to have any pop-up blockers installed on your computer. The speech bubble icon will then appear next to your name in the “Who is online” list (you will need to refresh the phpBB page to see this).

To send a message to another user, you can:

- Without logging into PHP121, click on the speech bubble next to the person.
- While logged into PHP121, either click on the speech bubble next to the person, OR
- Click on the person’s name in the PHP121 “Who’s Online” list.

To log out of PHP121, just close the PHP121 contact list. Your status will change to offline (the removal of the speech bubble) after a few minutes.

3.4. PHP121 as an Integrated Service (other)

The operation of PHP121 when installed as an Integrated Service for any other application than PHPNuke is as described in 3.1 - [PHP121 as a Standalone Service](#).

4. Troubleshooting / FAQ

If you are having a problem that is not covered below, please go to <http://forums.php121.com> and post your question there.

1. I keep getting “logged out” or bounced back to the login screen

This is because your \$siteurl setting is incorrect. Edit php121config.php and make sure \$siteurl is correct, with a trailing end slash (/)
e.g. `http://www.MYURL.com/php121/`

2. When I send a request, the other user does not receive it, why?

Your PHP121 database tables are out of sync. Execute the following SQL, changing the names of the tables if necessary to match your installation:

```
delete from php121_messages;  
delete from php121_requests;  
delete from php121_rooms;
```

3. When I send a message, emoticons do not show in the chat window.

Go into PHP121 Editor, expand the Emoticons section, then select Add Emoticons, then click Fix Smilies. This resynchronises your php121smilies.js JavaScript file with the database. If you get a write error when you do this, check permissions on php121smilies.js