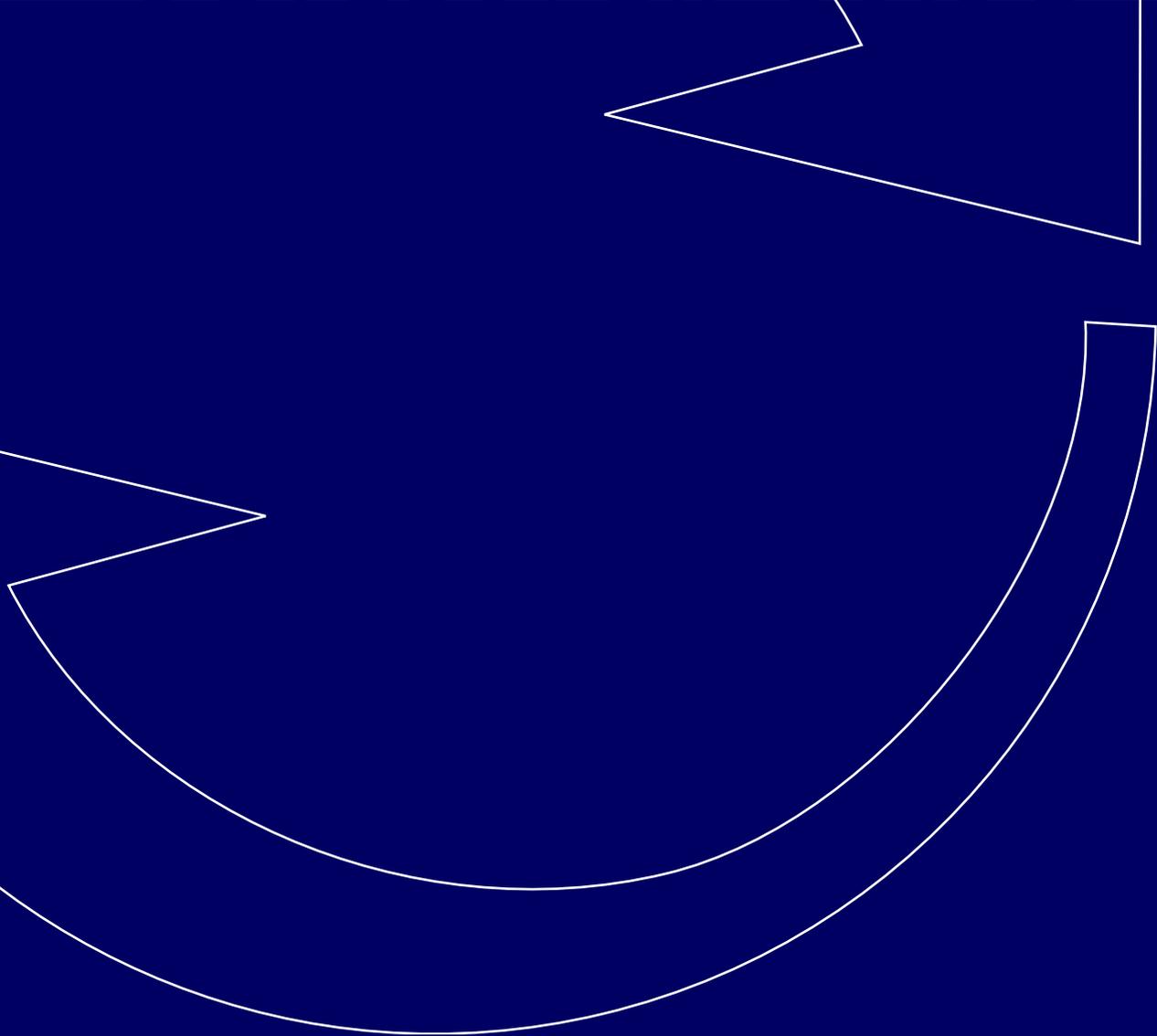
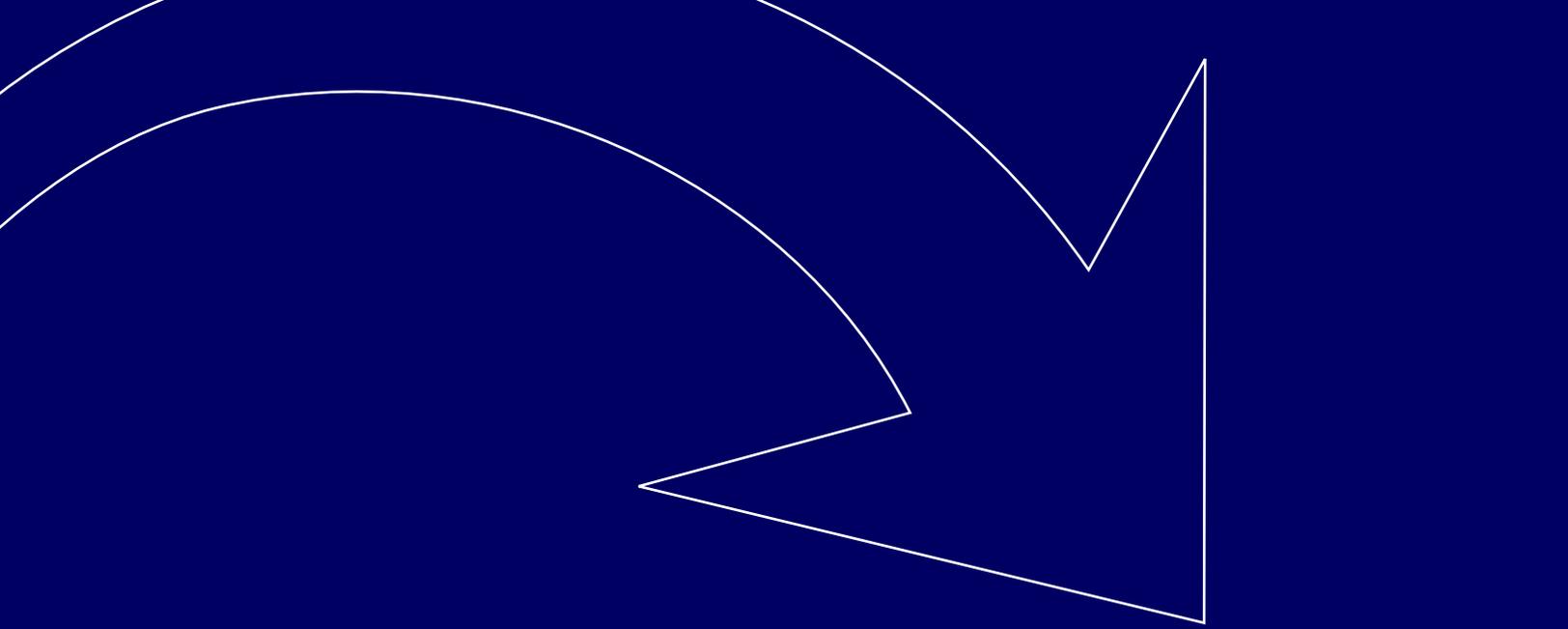


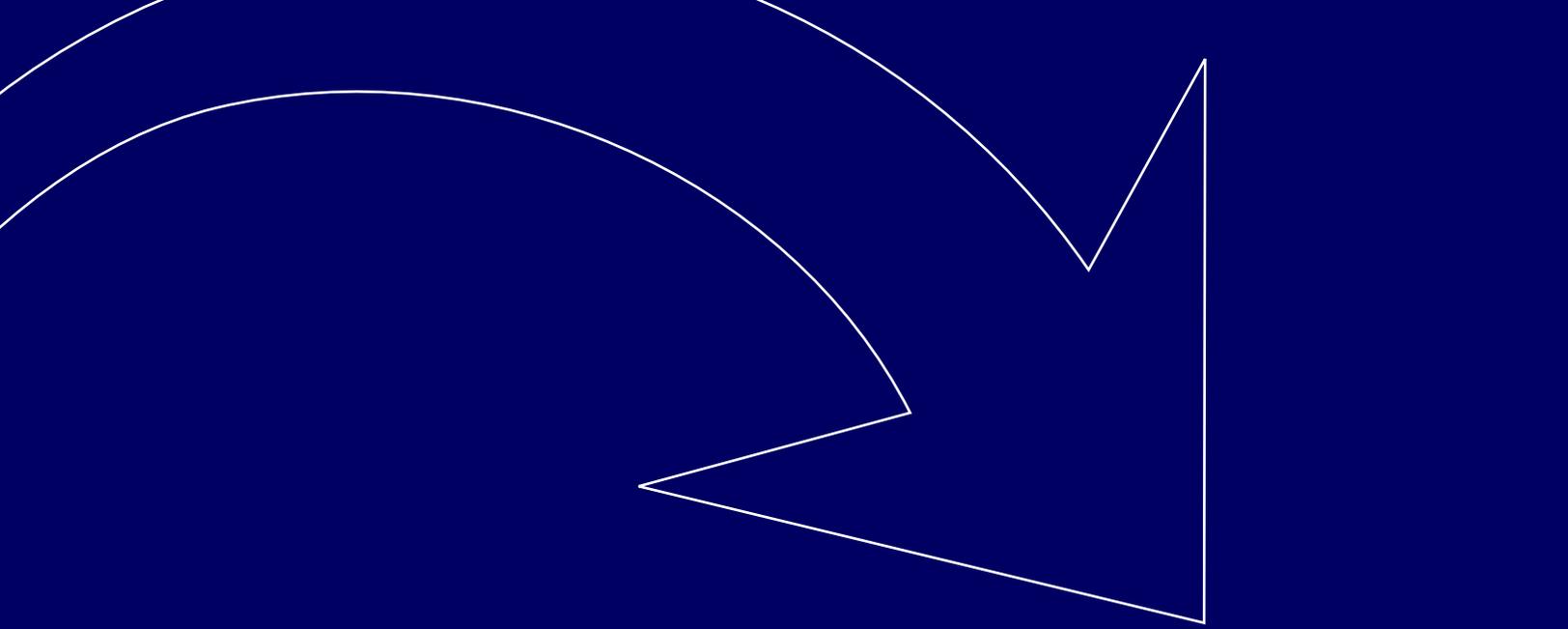
DEVELOPER GUIDE





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CONTRIBUTING

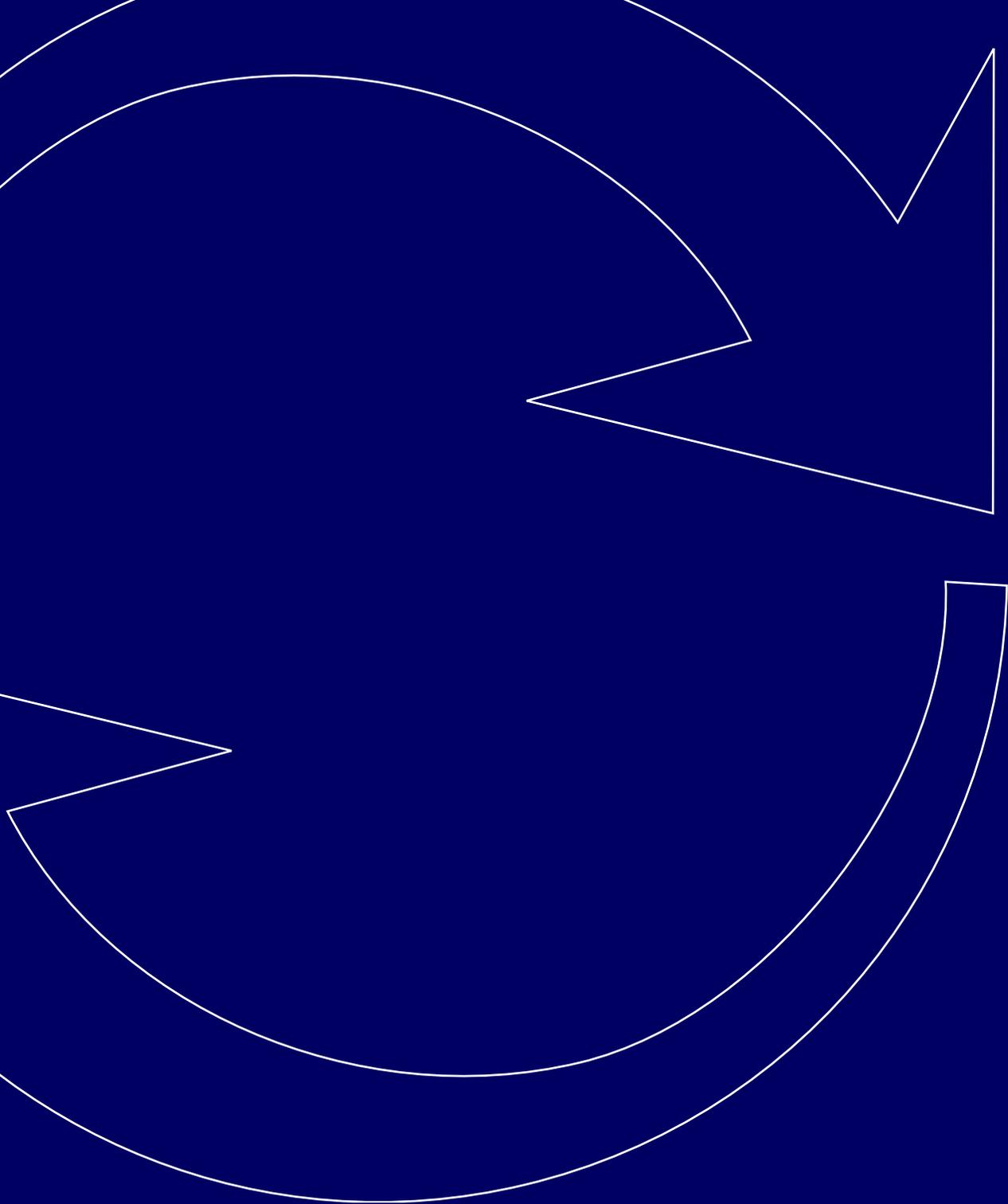
If you don't have write access to the CVS and still want to contribute code, you can create an new entry in the *Patches* tracker. If you want to have write access to the CVS, please contact the project admin.

All developers are encouraged to track and fix bugs. If you want to fix a specific bug listed in the *Bug Tracker* or forum, please assign the bug to yourself or post a comment similar to this: "I'll look into it". This prevents that multiple people are working on the same problem and doing the same thing twice. If you want to create a new feature, please contact the project admin first or post a message in one of the forums. Perhaps somebody is already working on the same feature and it would be a shame if the same feature gets implemented twice.

When creating new features, please take the following in mind: phpAdsNew can't please everybody and doesn't try to please everybody. If a certain feature is created for a specific situation it isn't likely to be included. If the feature only pleases a small group of users and causes a lot of problems for the majority it will be less likely this feature will be included in the main distribution. However if you feel the feature will benefit a lot of users we are more than happy to include it.

Using the CVS

If you made a change in the CVS, please also add an entry to the Changelog file. Don't forget to add your name and the date of the change. If you commit a new feature, and find a bug in it, you don't need to add the bugfix to the Changelog, unless the bug already existed in a previous release or development build. The Changelog is used to document the changes between releases and is not intended as a complete log of all CVS operations.



EXTENDING PHPADSNEW

CODING STYLE

PHP code

All PHP code should be placed between `<?php` and `?>` tags. Do not use the short version `<? ?>`, because this isn't supported by every installation of PHP. If you want to print a variable inside of plain HTML, use `<?php echo $var; ?>` instead of `<?= $var ?>`. `phpAdsNew` should be PHP3 compatible, if you are not sure a function is available in PHP 3, please check the manual: <http://www.php.net/manual/en>

Function and variable naming

All functions, defines and global variables should use the `phpAds_` prefix. This will prevent problems with duplicate names if `phpAdsNew` is used in combination with another product. Variables which are only used inside the scope of a function can use any name and should NOT use the `phpAds_` prefix.

<code>\$i = 0;</code>	<input checked="" type="checkbox"/> used in global scope, so use prefix
<code>\$phpAds_link = 0;</code>	<input checked="" type="checkbox"/>
<code>function doSomething ()</code>	<input checked="" type="checkbox"/> used in global scope, so use prefix
<code>{</code>	
<code>}</code>	
<code>function phpAds_doSomething ()</code>	<input checked="" type="checkbox"/>
<code>{</code>	
<code> global \$phpAds_link;</code>	
<code> \$i = 0;</code>	<input checked="" type="checkbox"/>
<code> \$phpAds_i = 0;</code>	<input checked="" type="checkbox"/> only used in function, don't use prefix
<code> \$phpAds_link = 0;</code>	<input checked="" type="checkbox"/> used in global scope, so use prefix
<code>}</code>	

DATABASE ABSTRACTION

phpAdsNew will open the database connection automatically. It is not needed to use the phpAds_dbConnect() function or mysql_connect(). It is also not needed to close the database connection, phpAdsNew will take care of this as well.

To make porting to other databases easier all MySQL specific functions are replaced by small functions with the same functionality:

mysql_query	phpAds_dbQuery
mysql_num_rows	phpAds_dbNumRows
mysql_fetch_array	phpAds_dbFetchArray
mysql_fetch_row	phpAds_dbFetchRow
mysql_result	phpAds_dbResult
mysql_free_result	phpAds_dbFreeResult
mysql_affected_rows	phpAds_dbAffectedRows
mysql_data_seek	phpAds_dbSeekRow
mysql_insert_id	phpAds_dbInsertID *
mysql_error	phpAds_dbError *

** Functionality has changed. You don't need to specify the link identifier. phpAdsNew will store the link identifier when it created the connection and will automatically use this link identifier when calling these functions.*

FILE NAMING

Filenames

It is also important to make sure the files is named correctly. File naming will make it easier for other users to determine the function of the file.

Instead of using myfile.php use a descriptive name using the following conventions:

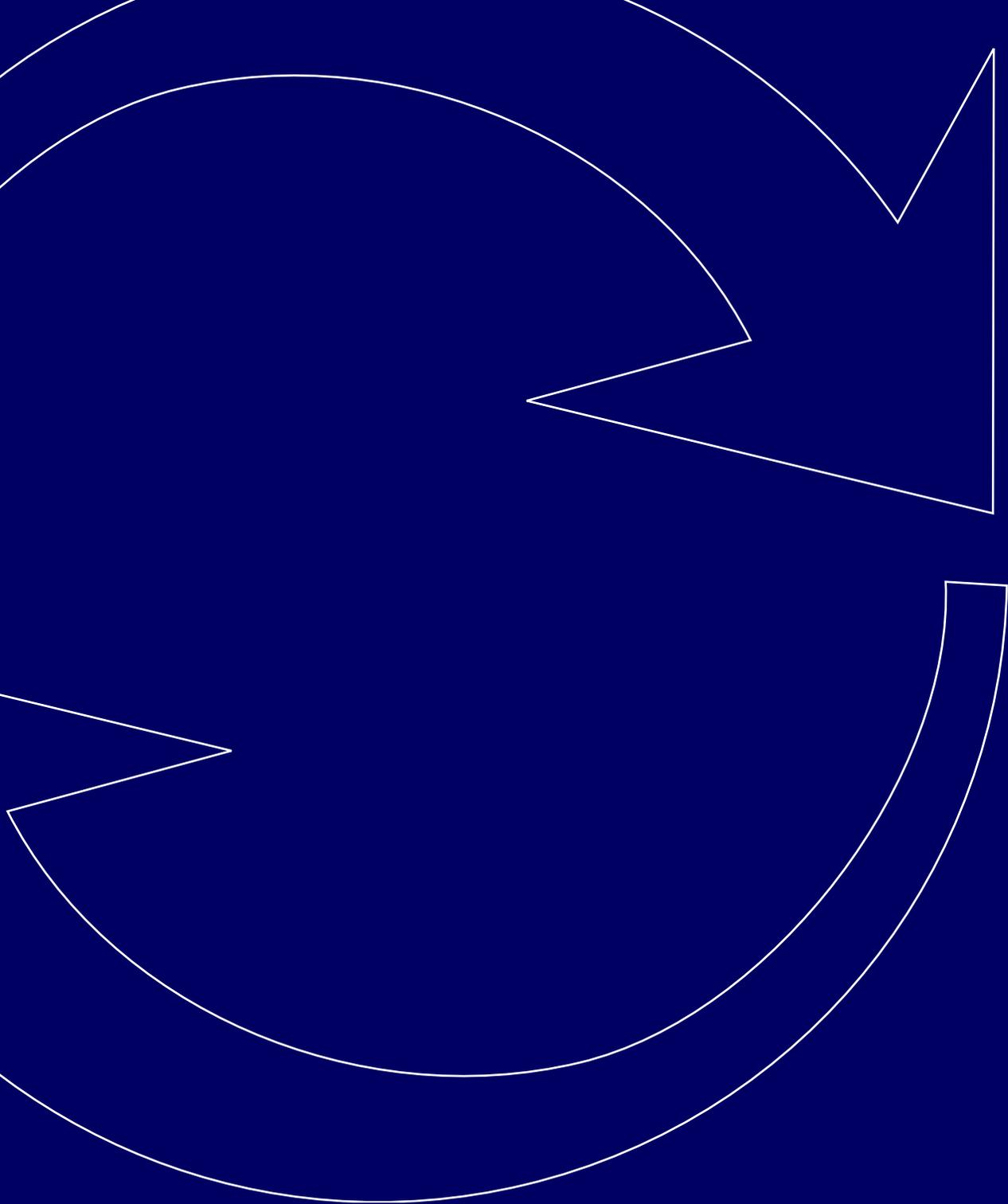
adxxx.php	Files directly called during invocation. For example: advview.php, adjs.php and adframe.php
lib-xxx.inc.php	Library files used by other scripts. For example: lib-gui.inc.php, lib-ftp.inc.php, lib-sessions.inc.php
xxx-xxx.php	Files directly called in the admin interface. These files should be grouped, for example all files dealing with zones use the zone- prefix, all files dealing with statistics use the stats- prefix. If the file is a general file, can't be easily placed in a group it should use the admin- prefix. For example: banner-edit.php, banner-delete.php, banner-acl.php.
xxx.plugin.php	Plugins used by the report engine. For example: campaignoverview.plugin.php, campaignhistory.plugin.php
xxx.lang.php	Files containing translated strings. These files are stored inside a different directory for each supported language. For example: default.lang.php, settings.lang.php

All files which include PHP code, should have the .php extention.

Locations

If you need to create a new file, you need to make sure it is stored in the right location with the correct name. Currently there are a couple of important locations:

/	Only files needed during invocation should be placed in the main directory. This includes main libraries and invocation files.
/admin	All files which are needed only for the admin interface should be placed in the admin directory (excluding images). If your file is used by both the admin interface and during invocation it should be placed in the main directory.
/admin/images	All generic images should be placed inside the images directory. Do not place any other files in this directory.
/admin/images/rtl	All images which are created for right-to-left languages are stored inside this directory.
/admin/images/ltr	All images which are created for left-to-right languages are stored inside this directory.
/admin/report-plugins	All plugins used by the report engine should be stored in this directory.
/admin/templates	Small HTML files which can be edited by the user, for example the welcome message for advertisers.
/documentation	Storage for the documentation
/language	This directory contains a directory for each different language phpAdsNew supports. In each language specific directory the main language file is called default.lang.php. Installation translations are stored inside settings.lang.php.
/maintenance	All files used by the maintenance task should be placed inside the maintenance directory, excluding any libraries used by the maintenance task.
/misc	This directory contains the default configuration file template and the database structure.



TRANSLATING PHPADSNEW



INTRODUCTION

phpAdsNew includes support for many languages. All of the language are supplied by users of phpAdsNew who have translated it themselves. If you speak a language which isn't yet supported by phpAdsNew we would greatly appreciate it if you could translate phpAdsNew in your native language.

All language specific files are location in the *language* directory and are located in seperated sub directories. Currently there are three files which contain language specific strings and each file targets a specific section of phpAdsNew.

Requirements

Because we want to keep the quality of phpAdsNew high we have some requirements for official supported languages. First of all, each language supported by an official phpAdsNew release must contain all translated versions of all strings. If a file is not completely translated it will not be distributed along with official releases. Futhermore we ask all our translators to be available for translation of new strings which can be added in future versions.

The file *default.lang.php* contains all strings which are used by the administrator interface. The strings inside this file must be fully translated in order to be considered to be distributed along with phpAdsNew. Incomplete files are dropped from the list of supported languages and may be made seperately available for download.

The file *settings.lang.php* contains all strings which are used by the installer and the configuration interface. The strings inside the file must be fully translated to be considered to be distributed along with phpAdsNew. Incomplete files are dropped from the list of supported languages and may be made seperately available for download.



The file `settings-help.lang.php` contain all strings which are displayed by the help system of the configuration interface. This file is optional, but must be fully translated if you want it to be distributed along with the official release. If this file is not completely translated an English version will be used instead.

Mailinglist

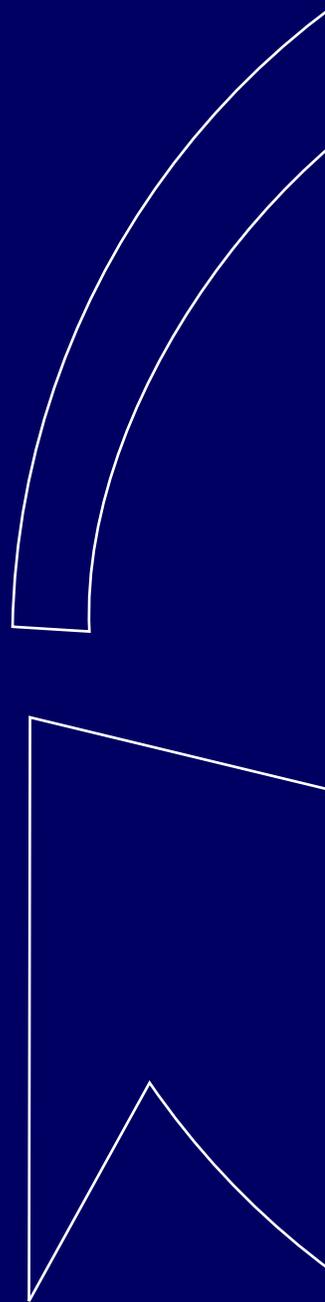
Because new strings are added every release it is needed to keep informed about changes to the language files and when a new version is released. We have a special mailinglist available for our translators where we announce new additions to the language files and about the release date of upcoming versions. We strongly encourage translators to subscribe to this mailinglist. If you want to subscribe to this mailinglist you can send a request to *niels@creatype.nl*.

Creating a new translation

If you want to translate phpAdsNew to a new unsupported language we ask to base your translation on the latest revision of the English language files, which can be downloaded from our CVS (cvs.sourceforge.net/CVSROOT/phpadsnew/language/english/). You can send the translated files to *niels@creatype.nl*, but don't forget to specify the name of the language you translated it to.

Updating an existing translation

Usually announce new strings on our mailinglist and ask whether you want to translate the new strings only. You can then send the new strings only to *niels@creatype.nl*, after which we will copy the translated strings into the language files. However if you want to make corrections to an existing translations or if there are a lot of new strings which need to be translated it is easier to update the language file yourself and mail the complete file as an attachment to us. If you want to send the complete file make sure you based it on the latest revision available in the CVS, because it might be possible it was updated since the latest release.



phpAdsNew is designed to work with:

