Manual for the copy_shopdata_fix script for Prestashop

Introduction

Copy_shopdata_fix is a quick-and-easy variation on Copy_shopdata for shops that were ok until an update went wrong.

Just like Copy_shopdata it will copy the content of the tables of the old shop to the structure of the tables of the a shop. However, it will copy all tables. And when it is finished you assign the database of the new shop to the old shop.

In the end the following things will have been fixed: missing fields that were introduced with new versions and changed field formats that were introduced. Also, hooks and config values that had been added in a new version will be added too.

It will take much less time than Copy_shopdata. Typically you will be ready within an hour.

Just like with Copy_shopdata: **make first a backup**. Your old data won't be overwritten when you follow the manual correctly. But I got already one report of someone who had managed to do the copying in the wrong direction and doing so had destroyed his shop. It isn't rocket science, but it is easy to get confused when it is new for you.

STEPS

Install fresh copy in subdirectory
Take a fresh copy of Prestashop from the same version as the troubled shop and install it on the same server as the shop. Make sure it uses the same table prefix as the troubled shop. Assign to it the same languages (the order doesn't matter). For the rest don't make any changes. We will call this shop the fixshop.

If you use a different prefix the script will still work. However, there is a risk that some of your modules have stored data with this prefix and that they may show problems when it changes.

Install Prestools and Copy_shopdata on the fixshop
This shouldn't give any problems.

Configure Copy_shopdata_fix
This is done at the top of the copy_shopdata_fix.php file. The most important thing is the name of the database table of the troubled shop. It is assumed that the database is on the same server and thus can be accessed with the same username and password. Startnum and Numtables can be used to copy only a part – for example when there are errors or timeouts.

Run Copy_shopdata_fix
Just like Copy_shopdata Copy_shopdata_fix will produce a list of numbers (that you can use for Startnum and Numtables) and tablenames.
As all tables are copied there is no need for a configuration.
Tables that are not present in the fixshop will be added to the new database.
The ps_hook and ps_configuration table get a special treatment: the old and new tables are merged. First the table from the old shop is copied. Then it is checked whether all configuration keys or

hooks from the new table (that were stored in memory) are present. If not, they are added.

Just like Copy_shopdata you will see where there are differences in the table structures. Note that when id_lang fields have been added you will need to set the value in the database yourself. Of course that can be a general command like "UPDATE mytable set id_lang=1". This sometimes may also apply to extra id_shop fields.

When the old shop had extra fields in common tables (usually added by some module) they will be added to the tables in the fixshop.

The script will report when old and new tables had different indexes. Usually that will be no problem. However, it could be that a module had given the old shop had some extra fields and an index for them. In that case you will need to implement it in the new database.

Copying can take quite some time. Ten to thirty minutes is quite common. If you have a slow environment you can choose to use the Startnum and Numtables fields to update in batches.
You are encouraged to first run the functions of the Prestools Cleanup page so that you don't waste time on useless statistics tables.

After the copying the database will compare the files of the two shops. For speed sake only the file sizes are compared. For obvious reasons only reasonable constant directories are compared. This will always deliver some differences. Some of these are logical as the file contains the directory name. It is up to you to discern what is problematic. You are advised to focus on PHP files. Changes in for example the files in the /classes directory can be a problem, unless you made them yourself. Replace changed files that you don't trust with the original – but don't forget to backup before you do that.

Make additional fixes
If you didn't apply the Prestools Integrity Checks and Cleanup to your shop this is a good time to do so.

Don't do anything that might affect files at this stage.

Assign the new database to the troubled shop
This is simple. Just change the setting in Parameters.php file (in PS 1.7) or the Setiings.inc.php file (in prior versions). Clean the cache of the shop and the shop should run. And if you don't like the result you can switch back to the old database in a minute.

If your fixshop had a different prefix you should change that too.

Now you can delete the files of the fixshop
When every works according to desire you can delete the files of the fixshop.