

# PrestaShop Product Properties Extension

## Theme Integration Instructions

This Integration Instructions intended for the PrestaShop version 1.5.

Install the Product Properties Extension module following the installation documentation.

Once the Product Properties Extension module is installed, click on the module's "Configure" link. The Product Properties Extension module automatically integrates all necessary files and checks them for the compatibility. In case of issues, open the module's "Settings" tab to see the compatibility results report.

The installation process recognizes and automatically supports the default PrestaShop theme that comes with the PrestaShop installation.

If you need to change the theme after the Product Properties Extension module is already installed, please first uninstall the module. *When you uninstall the module all user data is preserved and remains in the database. All user data will be available when you reinstall the module.* When you uninstall the module, the original files from the previous theme are restored from the backup.

Install the new theme using the installation instruction provided by the theme's manufacture. Once the new theme is installed, switch your shop to use the new theme and reinstall the Product Properties Extension module.

### Integration warning

The module's installation process makes the best attempt to properly integrate the Product Properties Extension module with the installed theme. Some customized themes can be modified in the way that makes the automated integration not possible. If you see the integration warning it means that some of the files in your customized theme are not integrated. In this case the manual integration is required.

There are two ways to resolve the issue.

- You can perform the manual integration of the theme by yourself following the instructions in this document.
- If you are not comfortable to make changes by yourself, you can use our theme integration service that we provide to our customers. Please contact the customer support service at [support@psandmore.com](mailto:support@psandmore.com).

### What does the PS&More development team do with the theme files?

The PS&More development team introduces some changes to the default PrestaShop theme. These changes are essential for the Product Properties Extension module to work correctly. The PS&More team reviews and updates these changes for every PrestaShop version.

### What do theme manufactures do with the theme files?

The theme manufactures usually do not create themes from scratch. They take an existing default PrestaShop theme and change it. The theme manufacture does not change all the files in the default PrestaShop theme but rather some of them.

The theme manufactures and the PS&More development team change the same set of files. These changes sometimes conflict with each other.

The PrestaShop developers modify and improve the default theme in every version. Our team noticed that many theme manufactures do not update their themes and do not introduce improvements and fixes made by the PrestaShop developers. They sell their old themes for new PrestaShop versions without proper modifications. This causes additional incompatibility problems.

It is important to note that the theme that you use should be based on the correct PrestaShop version. The theme written for the PrestaShop version 1.5 will not work properly with the PrestaShop version 1.6.

### How does the automated theme integration work?

The automated theme integration process uses two different techniques to integrate the theme files.

#### File replacement integration technique

The theme manufacture does not change all the files in the default PrestaShop theme. If the theme manufacture did not change the file in the default PrestaShop theme, the setup process replaces this file by the pre-integrated version from the Product Properties Extension module folder.

#### String replacement integration technique

The setup process searches for the specific strings in the theme files. If the setup process finds the string, it replaces this string by another string that contains the Product Properties Extension specific code. If the setup process cannot find the string in some files, it indicates those files in the compatibility results report by “String replacement warning”.

## Manual Theme Integration

Review the compatibility results report available through the module’s “Settings” tab. The report lists incompatible, modified or missing files. All file paths are relative to the PrestaShop installation location. In order to manually modify files in question you need to integrate the changes made by the Product Properties Extension module to the default PrestaShop theme into the customized new theme.

## Manual integration for files using the “File replacement integration technique”

There are three sets of files you need to compare:

- A.** Original PrestaShop default theme files that come with the PrestaShop distribution. Those are files before any changes made by any module or theme manufacture.  
These files located at `themes/default`.  
*Note: you need to have an original set of PrestaShop distribution files.*
- B.** Product Properties Extension module theme files located at `modules/pproperties/setup/core/themes/default`.  
PDF files located at `modules/pproperties/setup/core/pdf` folder.  
Please note that some files that you need to compare have extension `._js` instead of `.js` and `._tpl` instead of `.tpl`.
- C.** New theme files that come with your new theme.  
Let us say your new theme is called `“newtheme”`. These files located at `themes/newtheme` folder.

### Step by step procedure

- ❖ Compare **A** files with **B** files. You will see the changes made by the Product Properties Extension module to the default PrestaShop theme.  
*Hint: You will find that some files under `modules/pproperties/setup/core/themes/default` folder are missing in the PrestaShop `themes/default` folder.  
Those are usually “modules” files. The original PrestaShop files are located not in the `themes/default`, but rather in the `modules` folder.*
- ❖ Compare **A** files with **C** files. You will see the changes made by the theme manufacture to the default PrestaShop theme.
- ❖ Merge changes made by the Product Properties Extension module (changes made by the Product Properties Extension module in **B** files to default PrestaShop theme **A** files) into the new theme (**C** files).
- ❖ When you finish merging changes to the new theme **C** file, find the line with the `PP_VERSION` keyword in the **B** file (the Product Properties Extension module files) and add it to the new theme **C** file.  
The line with the `PP_VERSION` keyword indicates for the Product Properties Extension module that the file is integrated. The Product Properties Extension module stops reporting integration warnings on this file. Remember to add this keyword only after you introduced all required changes to the theme **C** file.  
*Note: the format of the line with the `PP_VERSION` keyword is different for different files. Remember to copy this line from the relative **B** file (the Product Properties Extension module file).*
- ❖ Re-run setup or perform the integration test to check for modified files by pressing the appropriate button located in the module’s “Settings” tab.
- ❖ Remove the cache files from the server. Press the “Clear cache” button in the module’s “Settings” tab.

- ❖ Verify your theme.

### Manual integration for files using the “String replacement integration technique”

The “String replacement warning” happens when the theme manufacture modifies or removes the string from the theme file. For example, the “product-list.tpl” file originally displays the product’s quantity. Some themes do not display the product’s quantity and do not contain the related code. This causes the integration failure.

The string replacement pairs for the PrestaShop core files can be found in the `modules/pproperties/setup/ppsetup.php` file. The string replacement definitions related to other PrestaShop modules are found in the `ppsetup.php` located under `modules/pproperties/setup/extra/modules/<module name>` folder or sub-folders. The definitions are simple but require understanding of the PHP code. The PHP array contains the pair “search for” and “replace by” strings.

If the “search for” string was modified by the theme manufacture you can replace the related parts in the `ppsetup.php` file.

If the “search for” string was removed by the theme manufacture you can remove the related array from the `ppsetup.php` file. If you don’t like to modify the `ppsetup.php` file you can include the “replace by” string as a comment in the target file.

## Theme Integration Service

You can use our “Theme Integration Service” to have your theme professionally integrated. Please contact the customer support service at [support@psandmore.com](mailto:support@psandmore.com).

## Troubleshooting

Please refer the PrestaShop documentation for troubleshooting where you can find how to turn error message display on.

[PrestaShop documentation - Troubleshooting](#)