PrestaShop Product Properties Extension

INTRODUCTION

This document includes instructions how to integrate the PrestaShop themes and supported PrestaShop modules with the Product Properties Extension module.

See also "Theme Integration Service" section in this document how to have your theme professionally integrated.

INSTALLATION

Install the Product Properties Extension module following the installation documentation.

Once you installed the Product Properties Extension module, 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.

Theme Integration Instructions

This Integration Instructions intended for the PrestaShop version 1.6.

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 module's uninstallation process restores the original PrestaShop files from the backup.

Install the new theme using the installation instruction provided by the theme manufacture. Once you installed the new theme, 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 theme manufactures modify themes in the way that

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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. It is not complex and many customers do it by themselves.
- 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.

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 do not create themes from scratch. According to PrestaShop recommendation 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 and sometimes functionality problems.

It is important to note that you should use the theme 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. Also please check with the theme manufacture for updated theme files exactly matching you PrestaShop version.

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 with the ready pre-integrated version from the Product Properties Extension module folder.

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String replacement integration technique

Some of the theme files require only minor changes. For these files the setup process searches for the specific strings in the files. If the theme manufacture modified the file but did not change the specific string, the setup process finds the string and replaces it with 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

The main purpose of the integration is to merge changes required by the Product Properties Extension module into the customized new theme. There are two types of files that you need to review:

- JavaScript files (files with extension `.js`)
- Smarty Template Engine files (files with extension `.tpl`)

First, 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.

Manual integration for files using the "File replacement integration technique"

There are three sets of files that you need to understand and compare.

A. DEFAULT THEME

Original PrestaShop default theme files that come with the PrestaShop distribution. Those are files before any changes made by any module or theme manufacture.

You find these files in
`themes/default-bootstrap`

Note: you need to use the original set of PrestaShop distribution files before any modifications.

B. PPE MODULE theme files

You find Product Properties Extension module theme files in these two locations
`modules/pproperties/setup/core/themes/default-bootstrap`
`modules/pproperties/setup/core/pdf`

Please note that JavaScript files that you need to compare can have extension `"._js"` instead of `".js"` and Smart Template Engine files can have extension `"._tpl"` instead of `".tpl"`.

C. MY THEME

New theme files that come with your new theme.
Let us say that the theme manufacture called your new theme "`mytheme`". You find these files in
`themes/mytheme`

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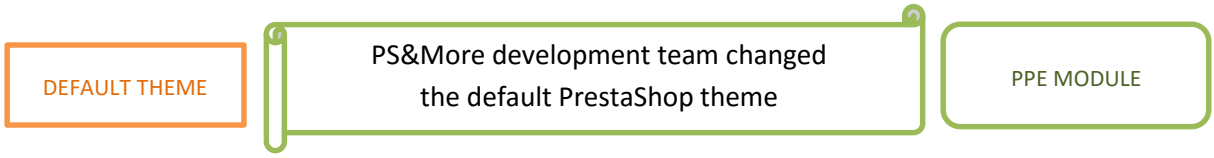
There are many free and commercials file comparison tools that you can use. Those are programs that can visually present the difference between files and easily merge them.

Step by step procedure

- First of all backup your MY THEME files (`themes/mytheme`). During the integration process you will modify the MY THEME files.

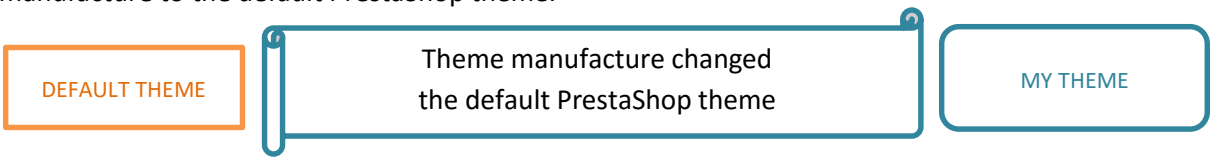
- Compare DEFAULT THEME files with PPE MODULE files. You will see the changes made by the Product Properties Extension module to the default PrestaShop theme.



  for example, compare these two files:
  `themes/default-bootstrap/order-detail.tpl`
  `modules/pproperties/setup/core/themes/default-bootstrap/order-detail._tpl`

  During the years PrestaShop introduces several locations for theme files. You will find that some PPE MODULE *files that you see under* `modules/pproperties/setup/core/themes/default-bootstrap` *folder are missing in the PrestaShop* `themes/default-bootstrap` *folder.*
  Those are usually files that belong to PrestaShop modules. The original PrestaShop files are located not in the `themes/default-bootstrap`*, but rather in the* `modules` *folder. You rarely need to deal with these files.*

- Compare DEFAULT THEME files with MY THEME files. You will see the changes made by the theme manufacture to the default PrestaShop theme.



  for example, compare these two files:
  `themes/default-bootstrap/order-detail.tpl`
  `themes/mytheme/order-detail.tpl`

- While creating the new theme the theme manufacture changes the default PrestaShop theme. You site looks like the theme manufacture designed it. What is missing in the MY THEME files is the Product Properties Extension module specific code.
  Now you need to merge the changes made by the Product Properties Extension module into the MY THEME files. You already saw these changes when you previously compared DEFAULT THEME files with the PPE MODULE files. You actually modify the code in the MY THEME files located in `themes/mytheme` folder. As the result your INTEGRATED MY THEME files are in the same location `themes/mytheme`.

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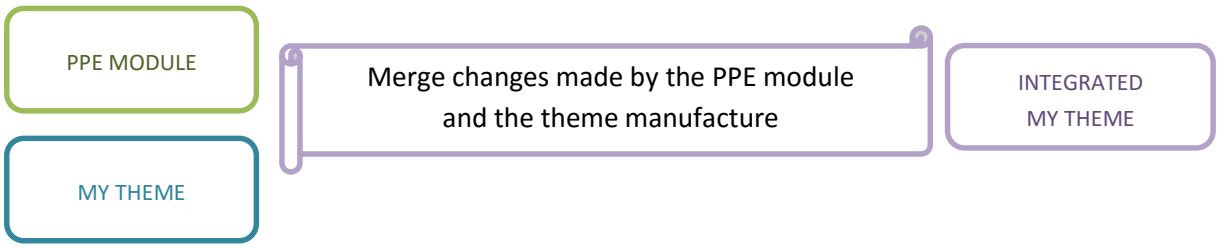

🎓 for example, your merged file will be here:
`themes/mytheme/order-detail.tpl`

- For each MY THEME file that you finish merging changes to you need to indicate that the file is integrated. Find the line with the **PP_VERSION** keyword in the corresponding PPE MODULE file and add it to the INTEGRATED MY THEME file.
  The Product Properties Extension module stops reporting integration warnings for this file.
  Remember to add this keyword only after you introduced all required changes to the MY THEME file.

  The line with the **PP_VERSION** keyword should be added as a comment line.

  💡 *In JavaScript files comments are introduced inside the /* and */ pairs.*
  In Smarty Template Engine files comments are introduced inside the { and *} pairs.*

  Note: the format and the content of the line with the PP_VERSION *keyword is different for different files. Remember to copy this line from the relative* PPE MODULE *file (the file with the same name as the* MY THEME *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.

- After integration is completed some themes require an additional fine-tuning for fonts and colors. This is usually done by adding or modifying CSS (Cascading Style Sheets) files. Create you custom CSS file
  `themes/mytheme/css/modules/pproperties/custom.css`
  and add all your changes in this file.
  The Product Properties Extension module automatically loads this file after the module CSS files.

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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.

You can find the string replacement pairs for the PrestaShop core files 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 and written in PHP. You are not required to understand the PHP code. You just need to locate the file name in the 'files' definition and look for the string replacement pairs in the 'replace' definition array. The PHP array contains the pair "search for" and "replace by" strings.

If the theme manufacture modified the "search for" string, you can simply replace the "modified search for" by "replace by" string in the target INTEGRATED MY THEME file.

If the theme manufacture removed the "search for" string, you can include the "replace by" string as a comment in the target INTEGRATED MY 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. In this case you can add a comment in the target INTEGRATED MY THEME `"product-list.tpl"` file as follows:

```
{* ($product.quantity + $product.quantity_remainder) > 0 *}
```

Note: in Smarty Template Engine files comments are introduced inside the `{*` and `*}` pairs.

Modules Integration Instructions

The installation process recognizes and automatically supports the set of important PrestaShop modules that come with the PrestaShop installation. The installation process automatically integrates certain versions of these modules. If the module version is new or not known for the setup process, the integration can fail. If this happens, please press "check for update" or "ignore - allow to work without proper integration" link and re-run setup. Please contact the customer support service at support@psandmore.com providing information about the failed module and its version to obtain the integrated code for the module version.

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TROUBLESHOOTING

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

PrestaShop documentation - Troubleshooting

THEME INTEGRATION SERVICE

If you are not comfortable to make changes by yourself you can use our paid “Theme Integration Service” to have your theme professionally integrated. Please contact the customer support service at support@psandmore.com.

If you decide to use our service, you can pay for it at https://store.psandmore.com/services/14-theme-integration-service.html.

It usually takes two or three business days to complete the integration. We managed to integrate virtually every theme that we worked on.

Please give us access to your back office and FTP. We will perform the integration work directly on you site.

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