

Vertex 2 Upgrade

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This document will guide you through the upgrade process of a Vertex 1 template to Vertex 2.3. At the bottom of this document you will find a changelog of the files in Version 2. Please review this entire document before making any upgrades.

Version 2 is only for Joomla 1.6+ templates. DO NOT patch 1.5 templates or 3.X templates with Version 2!

This upgrade will replace the core Vertex files mentioned in the Changelog.

To Upgrade:

1. **BACKUP YOUR FILES** – We do not expect any problems during this upgrade, but it is never a bad idea to backup your template files in case something goes wrong or not as you expected. To do this, simply download your template's folder via ftp. The folder is located just inside of the root "templates" folder of any Joomla install. Be sure to download the entire folder.
2. Download the upgrade patch from the following url. You will need to be logged in:
http://www.shape5.com/component/option,com_docman/Itemid,96/task,cat_view/gid,190/
3. Extract the files of the patch zip file to a newly created folder on your desktop using your favourite zip program.
4. **IMPORTANT** – The patch file will contain the following files:
 - a. Vertex/footer.php – This file needed to be updated due to changes in the Joomla date functions. If you have modified your copyright information shown in the footer of your website you will need to modify this file again after you upload this new file. JDoc has been completely removed from this new file to avoid any future issues. **If you are upgrading from Vertex 2.2, 2.3 or 2.4 you can delete this file before uploading. This file was already introduced in 2.2.**
 - b. Css/s5_responsive.css – If this file already exists on your site delete it from the patch files before uploading so your existing file is not over-written.
 - c. Css/custom.css – If your template already contains a custom.css file in the css folder then remove this file before uploading. If the file does not exist on your site then upload the blank one from the patch file.
 - d. This patch does change the multi-language functionality of the S5 Flex Menu. Before version 2.3 you had to create a template style for each language and select a different menu for each style if you wanted each language to have its own unique menu. Now, the menu system will automatically check the user's selected language (from the language selector module) on the frontend and if a default menu exists for their language the menu will automatically change. If a default menu for their language is not found then the default menu chosen in the template configuration will be shown instead. This eliminates the needs for multiple styles.
5. Via ftp upload all the extracted files and folders in the exact order that they extracted from the zip file. Upload them to the template's rooter folder. To ensure you are in the correct folder, you should see folders such as css, js, vertex, xml, etc. when viewing the folder in your ftp program's file browser window. If you see these folders then you are in the correct folder.

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- In the backend of Joomla go to Extensions/Template Manager and then open your template's configuration link.
- IMPORTANT** – Vertex 2.3 added new functionality to allow you to set the left and right columns to percentage widths as well as the old pixel width settings. If you are upgrading from 2.2 or lower please continue reading, if you are currently running 2.3 or higher there this step does not apply. The default setting is now set to percentage width. So you must make a selection in the template configuration as to whether or not you would like fixed or fluid width columns. **Be sure to make a note of the widths that are there currently before saving the configuration.** Selecting fluid will remove the widths you have currently and replace them with 20's.

If you choose fluid below be sure to keep the numbers small. The total number (including the content area) cannot exceed 100. An average column should only be about 20 or 30 if set to fluid.

FIXED OR FLUID COLUMN WIDTHS?	?	Fluid
LEFT WIDTH	?	20
LEFT INSET WIDTH	?	20
RIGHT WIDTH	?	25
RIGHT INSET WIDTH	?	25

- Save any changes that you wish and the upgrade is complete!

Vertex 2.5 Changes:

- Typos were found in a js file and two css files referring to “modile” instead of “mobile”.
- A new Language tab was added so that multi language sites can now supply different text for items such as login and register without having to create multiple template styles. This functionality was added to parameters.php

Vertex 2.4 Changes:

- New floating menu features have been added to the Menu tab to allow the flex menu wrapper div to become position:fixed at set screen height. There are also other css features in this area to stylize the menu when this this effect is triggered. This feature is by default disabled and should only be used by advanced users.
- A new Backgrounds tab has been added to allow users to easily change the background of the page as well as other row elements on the page.
- New parallax functionality has been added in conjunction with the new Backgrounds tab, via the vertex/parallax_backgrounds.php file.

Vertex 1.0 to 2.3 Changes:

Changelog and File/Folder Additions:

- The root “cache” folder was added for the new file compression functionality. This is where the cached css and js files are stored.
- CSS Files:

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- a. All css in css/multibox was modified to allow for responsive layouts and new features such as tooltips.
 - b. S5_info_slide.css was added for the new info slide script.
 - c. S5_responsive.css was added for responsive layouts.
 - d. S5_responsive_bars.css was added for responsive layouts.
 - e. S5_responsive_hide_classes.css was added for responsive layouts. In 2.3 this was updated to include more hide classes.
 - f. S5_responsive_rtl.css was added for responsive layouts.
 - g. S5_vertex_addons.php was added for css additions to the Vertex framework. In 2.2 and 2.3 additions were made for new row re-distribution options.
 - h. Custom.css was added for members to add their own custom css without modifying the core css files.
3. The following folder and it's images were added for responsive layouts
images/vertex/responsive
4. JS Changes:
- a. All files in js/multibox were updated to allow for groups, tooltips and responsive layouts. This is a brand new version of multibox, but it will perform like the old version but with some additional options. A site currently using multibox will not need to make any changes.
 - b. Lazy_load.js now contains most of the lazy load javascript instead of the lazy_load.php file that calls it.
 - c. S5_columns_equalizer.js was added for the new column equalizer script.
 - d. S5_flex_menu.js was modified:
 - i. Now Supports responsive layout and reduces extra wide columns to a single column if they do not fit within the available screen width.
 - ii. Fixed fade and snap effects.
 - iii. Onclick functionality was added in 2.3 for small touch screen devices.
 - e. S5_info_slide.js was added for the new info slide script.
 - f. S5_responsive_ie.js was added for responsive layouts with IE.
 - g. S5_responsive_mobile_bars.js was added for responsive layouts.
 - h. S5_vertex_addons.php was added for js additions to the Vertex framework.
 - i. S5_font_adjuster.js was modified to correct an IE8 error.
5. Vertex Core Changes:
- a. The entire vertex/admin folder is included in the patch file to ensure everyone is on the newest files, with the exception of googlefonts.php:

- i. Several changes were made across multiple admin files for servers having issues with ajax responses.
 - ii. Adjustments were made to vertexFramework.php to allow language files to be called from the root languages folder or the template's languages folder. If not language is present it defaults to English. In 2.3 this was improved even further.
 - iii. An alert was added for the admin if the vertex.json is not writable.
- b. The folder vertex/compression and its files were added for the new compression functionality.
- c. The folder vertex/responsive and its files were added for responsive layouts.
- d. The entire folder vertex/s5flex_menu and its files is included in the patch file to ensure everyone has the latest files. A bug was fixed to allow menu items to turn off their title and use only an image, which was a new feature added in 1.6+
- e. Vertex/includes modifications:
 - i. Vertex_includes_bottom.php was modified and calls for the new info slide script and compression functionality were added. Additionally, lines 1 through 14 were modified with more if statements around each php file to reduce the number of server calls.
 - ii. Vertex_includes_header.php is a complete re-write of the file. It includes backwards compatible functions for the old mobile layout for version 1 templates, and new functions for the responsive layout cookie. The bottom of the file includes calls for the new file compression script.
 - iii. Vertex_includes_top.php was modified and calls the responsive mobile top navigation bar.
- f. Call_menu.php was modified so that the js and css files for the flex menu were called in css_and_js.php instead. Another modification was made to allow for onclick functionality for touch screen devices on responsive enabled templates.
- g. Cms_core_functions.php was modified and the following function was added:

```
function s5_check_module($name) {
```
- h. Css_and_js.php was modified with the following changes:
 - i. Responsive font call was added to the top line
 - ii. Vertex addon js and css file calls were added at line 5 and 6.
 - iii. S5 Flex Menu calls were added at lines 8 through 11.
 - iv. Lines 63 through 102 were added for responsive layout css and js calls.
 - v. A correction was made to the google font call. Google fonts was always being called, it is now called only when needed.
 - vi. A correction was made in 2.3 to allow for Tahoma to be called without calling Google Fonts.

- i. Drop_down.php was modified to allow for the drop down to resize on window.onresize.
 - j. General_functions.php was modified and the following function was added: function change_Color()
 - k. Footer.php was modified to remove JDoc calls because of recent changes in the Joomla date functions.
 - l. GoogleFonts.php was modified to include over 500 Google fonts. A new style line was also added to the Vertex.xml file for additional Google font styles.
 - m. Lazy_load.php was modified to allow its javascript to be called from an external file.
 - n. Module_calcs.php was modified to correct an error when only one module was present in a row that is using custom sizes. If custom sizes are used in a particular row, and only one module is published to that particular row, then 100% becomes the default width of the row.
 - o. Parameters.php had lines 84 through 134 added. These functions set parameters to null if they are not set in the template configuration to avoid any undefined errors for new parameters that do not exist in previous versions of Vertex 1. It also sets the value to its default value if the json file is not found or cannot be read.
 - p. Resize_columns.php was added for the new equalize columns script.
 - q. Tooltips_and_multibox.php was modified to allow for new functionality in the new multibox script.
6. XML and Language Changes:
- a. XML/Vertex.xml was modified to add in the newly mentioned options as well as some layout changes to the configuration. This is included in all patches.
 - b. XML/language/en-GB/en-GB.tpl_vertex.ini was modified to correct some grammatical errors as well as add language settings for the newly mentioned options. This is included in all patches.