
2015 Edition

RapidWeaver Theme SDK

The Official RapidWeaver Theme SDK

Introduction

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RapidWeaver 6 SDK Changes

This introduction describes solely the changes to the RWThemeKit SDK for RapidWeaver v6.

Deprecations

Starting in RapidWeaver 6, the ``%toolbar%`` key is considered deprecated. Instead, developers should move to use ``%navigation%``. ``%navigation%`` displays the same data as ``%toolbar%`` would previously.

The `RWThemeAuthor` key is deprecated, and you should use `RWAddonAuthor` for your Developer Name.

Behaviour Change

To account for the new design of the Theme Variations window, RapidWeaver 6 will assume a Theme Variation Group Selection Limit of ``0`` if one has not been specified in the theme. All themes *must* specific a theme variation group selection limit.

New Additions

RapidWeaver 6 introduces the ability for themes to offer split navigation.

``%top_navigation%`` returns an unordered list of just the top-level of the page hierarchy.

`%sub_navigation%` returns an unordered list of the remaining sub-navigation of the hierarchy, and respects the `RWAAlways-DisplayFullNavigation` key.

The `RWToolbarItem` Theme PLIST keys now offer a new “Parent” variation that allows you to specify the markup for the navigation menu when the page has subpages (i.e. is a parent page). For examples, check [this commit](<https://github.com/realmacsoftware/RWThemeKit/commit/07ba4e71597fc82bdc1abfd8085820e4ca1a3f4d>).

The new `RWAddonManagerIconAsset` Theme.plist key should include the name of a 128 x 128 pixel image to display in the RapidWeaver 6 Addon Manager. You should include this image @2x and end the image name @2x so that it appears on retina displays. The @2x variant does not need to be specified in the Theme.plist.

Targeting RapidWeaver 6

As the new %navigation% tags are only available in RapidWeaver 6, to ensure that themes are only installed in versions of RapidWeaver that support this feature, RapidWeaver supports the .rapidweavertheme file extension *in addition to the legacy .rwtheme extension*.

We strongly encourage themes to use the latest RapidWeaver Theme SDK conventions and features, and whilst RapidWeaver

6.x will support .rwtheme files this file format should be considered deprecated and may be removed in the longer term.

Installing & Organising Themes

RapidWeaver 6 stores themes within the `Themes` sub-folder of the RapidWeaver 6 App Support. Themes from RapidWeaver 5 can be copied from RapidWeaver 5 during the first-run of RapidWeaver 6. They are copied to the Themes sub-folder, and any organisation folders from RW5 or earlier will be preserved as Collections in the new Addons Manager.

Theme Syntax

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Theme Syntax Reference

Theme File Type

Given that there are non-backwards compatible additions to the RapidWeaver theme format in RapidWeaver 6.0, the new `rapidweavertheme` extension is the way to ensure that your themes install *solely* in a version of RapidWeaver that supports these additions.

There is no way to ship a theme that supports RapidWeaver ≤ 5 and the new `%navigation%` tags.

The `rwtheme` file type will remain supported by RapidWeaver 6.x, but should be considered deprecated and may be removed in the longer term.

Theme Syntax

The following tags are converted by RapidWeaver into the appropriate content. These tags should be added to the template file of your theme, which we recommend is named `index.html`.

Theme.plist Updates

RapidWeaver 6 adds a new `RWAddonSupportURL` key in the theme PLIST. This key is required for all themes and should be a website address that customers can visit for support with the theme. This backwards-compatible key is new in RapidWeaver 6 and required for all themes submitted to the RapidWeaver Community website.

Header Syntax

%header%

This outputs the meta information. It should be placed between the <head> tags in your template file.

%title%

Outputs the title of the current page.

%user_header%

Allows the user to place any custom code into the header of the page.

%style_variations%

Outputs a series of style sheets into the head of the page, as selected by the user via theme styles tab of the Page Inspector.

%user_styles%

Outputs the users custom CSS into the head of the users page.

%user_javascript%

Outputs the users custom javascript code into the head of the users page.

%plugin_header%

Outputs code generated by the selected page type into the header area. Typically it will be javascript and/or css.

Navigation

%navigation%

Outputs the site navigation as an unordered list. Replaces `%toolbar%`, which is deprecated in RapidWeaver 6.0

%top_navigation% **New in RapidWeaver 6.0**

Outputs an unordered list of just the top-level of the page hierarchy.

%sub_navigation% **New in RapidWeaver 6.0**

Outputs an unordered list of the remaining sub-navigation of the hierarchy, and respects the `RWAlwaysDisplayFullNavigation` key.

%toolbar% **Deprecated in RapidWeaver 6.0**

You should move to using `%navigation%` in its place.

Body Syntax

%site_title%

Outputs the site title.

%site_slogan%

Outputs the site slogan.

%logo%

Outputs a user definable site wide image. This is set via the Site Setup area, and RapidWeaver does not pre-flight the images the customer may select for their size. Depending on how you're using this tag, you may want to apply some sensible maximum size for the image via CSS.

%content%

Outputs the content of the current page.

%sidebar_title%

Outputs the sidebar title as entered in the Page Inspector.

%sidebar%

Outputs the sidebar content as entered in the Page Inspector.

%plugin_sidebar%

Outputs content specific to the current page style. For example, the blog archives.

%breadcrumb%

Generates an unordered list of links from the home page to the current page following the menu hierarchy in the Page List.

%footer%

Outputs the site's footer as entered in the Site Setup area.

Extras

%pathto(file.extension)%

The **%pathto()%** syntax should be used to refer to any global assets in the theme. This will generate the appropriate relative, absolute or relative to DOCROOT link to the relevant file. Its primary use is to refer to stylesheets and javascript files that are used across the site.

%pathto()% can be used for any file (styles.css for example), however the file must be added to the RWCOPYFILES array in the theme.plist file.

%base_url%

Outputs the web address of the website, as entered in the Site Setup area.

%last_published%

Outputs the last published date - this is not currently customisable in its appearance.

%email%

Outputs the user's e-mail address.

Colourtags

Colourtags allow customers to customise a particular colour value in your theme using the OS X colour picker. The colour values from a colourtag must currently be set via a separate stylesheet (normally called colours.css or colourtags.css) This style sheet must be included in the **RWColourTagCSSFiles** array in the theme.plist, to indicate to RapidWeaver that the colours should be substituted.

%colour...%

eg. %colour_header_background%

Each tag used be replaced by a colour specified in the theme.plist There are no restrictions placed on the number of colour tags you can use, and you may also use the same tag multiple times. As noted above, all colourtags need to be placed in a specific stylesheet, and explicitly referenced in your theme's PLIST.

Theme Styles: Colour Maths

Colour tags will be replaced by a colour specified in the theme.plist. This should be placed in an external style sheet. The style sheet should be included in the RWColourTagCSSFiles array in the theme.plist. There is no restriction on how many colour tags you can use. You may also use the same tag multiple times. This tag also supports the Americanized spelling of colour, color.

Colour tags support the following mathematical operators: +, – and *.

EXAMPLE 1: %COLOUR1 + #112233%

EXAMPLE 3: %COLOUR1 * 0.3%

EXAMPLE 4: %COLOUR1 + #112233 * 0.3 + #445566%

EXAMPLE 5: %COLOUR1 + R(0.9) G(0.1) B(0.5)%

Take a look at the other documents included in the SDK for more information on using Colour tags.