

Chapter 1 : Developing a WordPress Theme from Scratch – Tania Rascia

This WordPress theme development tutorial step by step will help you to learn how to build your new theme. A WP theme can change the design of your site or blog including its layout. If you change your theme, it changes front-end (what visitors see when they browse your site on the web) of your site.

Bishal Napit Leave a reply So, it looks like you are searching for the tutorial about how to create WordPress child theme and accidentally landed in this page. Well, what a luck for you. Here, we will describe about how to create the WordPress child theme and modify it as per your need. What is WordPress Child Theme? It is simply a new theme added in your site, which behaves totally differently as the main theme, ie, parent theme of it. It does so because, it inherits the functionality of the parent theme and then can be modified according to which you want for your site need. Because if you have developed the site via parent theme, ie, main theme, then, later on wanted to create child theme, then, all customization done via Customize Options is likely to get removed and needed to be done again. Why WordPress Child Theme? So, after knowing about what is WordPress child theme, now you may need to know about why to use it. Well, for this, lets say you only have the CSS customization work and do not want anything more than that. Then, the creation of the child theme is not required at all, since WordPress 4. But, what if you want to add some functionality in your site, say it to add the number of views count of the post and display it to the visitors. Well, the child theme allows you to do such customization in your site, if the main theme, ie, parent theme is already not having this feature. One of the main reason about creating the WordPress child theme is that, if you have done the file edits in the theme file, then, when you update the theme, then, it is likely that you will lose that edited code. But, if you have done it via the child theme, then, you can update the parent theme without any hesitation, since child theme only links to parent theme folder. First of all, you need to choose the required best parent theme for your site. Also, can the parent the easily overwrite by child theme too? These two are the main basics to be chosen while you choose the main or parent theme. Now, lets jump ahead and create the child theme for WordPress. First of all, what you need to do is, you need to create the folder in themes directory for the child theme as required. Since, this relies on the main theme, and WordPress requires you to add the style. The code which need to be in this file is:

Chapter 2 : WordPress Theme Development Tutorial Step By Step - Vegibit

WordPress Theme Development Tutorial Step By Step Summary Let's review everything that we've learned in this basic step by step WordPress Theme tutorial for beginners. We've learned how to create our first custom theme in WordPress by making our own folder in side of the themes folder of our WordPress installation.

But a single solution can end up taking a lot of time. If you are just starting out, WordPress is the best platform that stands above the rest. WordPress is used CMS platform amongst the bloggers. There are many reasons that make it popular content management system, such as, it includes user friendliness, features, customizations, free open source, secure, modern, SEO friendly, existing support community, easy to manage, mobile optimized and much more. It is easy to set-up and manages WordPress. Its management seems like a cake walk. It has features, plug-ins, and themes for any occasion. Many WordPress users find it difficult to find right theme, and it leads to a long process. Many WordPress users consider learning what the basic steps to create new theme are. If you are one of them, then this guide can be useful for you. This WordPress theme development tutorial step by step will help you to learn how to build your new theme. A WP theme can change the design of your site or blog including its layout. If you change your theme, it changes front-end what visitors see when they browse your site on the web of your site. There are many WP themes available in theme directory of wordpress. When you create a theme, you decide how your site is displayed. There are many options available for you when you create your custom theme. You can display the site content wherever you want. You can specify which actions or devices should make your content visible. You can customize typography and design of your theme using CSS. You can include images and videos anywhere in your theme. WordPress theme is a collection of different files such as index. You need to set up your local development environment. You need to check out some WordPress theme examples before start creating a new theme. So dive into creating a new theme. Before you start creating the theme, you should decide how the layout of your website will look like. In this tutorial, we will build a WordPress theme that consists of a header, sidebar, content area and footer. Learn how you can create such theme. Your new WordPress theme that is going to be built in this guide would have:

Chapter 3 : WordPress Lessons Â« WordPress Codex

A WordPress theme needs only two files to exist - calendrierdelascience.com and calendrierdelascience.com In your custom theme folder, create calendrierdelascience.com It simply contains a comment that alerts WordPress that a theme exists here.

Look at the Domain settings. Check out the Domain DNS configuration settings. Look at Hosting IP address in the domain settings. Look at the server for hosting configuration settings. Verify free space on the hosting. Examine space occupied by logs. Restart nginx, apache services. If WordPress is working erratically, turn off plugins. If hosting is showing error, check the server status for repayment problems or the server elements error. Look at for any DDOS attacks. Have a look at wp-config files. Have a look at for broken links to images on your website. Check for ports like 80 http and https Take a look at if the listed below process is followed and no changes are made. The ways for above are discussed below. You may also watch the video below completely to resolve wordpress theme development tutorial step by step pdf portfolio. If any serious changes has been made by accident, chat with us to have the issues fixed. This may stop the site downtime and google de-indexing your urls. Checklist for solving the error wordpress theme development tutorial step by step pdf portfolio How to create and maintain a website for beginners and experts Here we will explain you on how to purchase and configure domain, configure hosting, install, configure, setup WordPress, configure adsense to generate revenue from your website etc. Please skip to the relevant content to save time. Below is a video on how to setup and maintain a website. Watch it completely and use the floating chat button if you have any queries. Domain To start with a website, you have to opt for a domain name. Domain name is the name of the website like wp-hostingsupport. Keep the domain name as short as possible. While you finalize your domain name, you will also have to search the availability of the domain. Please do not purchase the hosting or domain name until you completely read this blog once. You can experiment this by searching for free hosting and free domain names. When registering for free domains and free hosting, never publish your idea there, just publish a random example. Before you start, blogging is not a overnight success, it takes upto 6 months to show up the results as the web has a lot of domains to be crawled and weighted by the search engines. To search the domain, you can go for any domain registrar. Domain registrar is a company who helps you purchase and register domain names. Some examples are domains. S only , godaddy, hostgator, bigrocks, namecheap, etc. All you have to do it, visit the domain registrar and then search for the domain and pay for the domain. Hosting Hosting is a web container with a specific ip address or name server assigned, where the domain name will be pointed to. Types of Hosting Hosting solutions can be managed hosting or barebone server which is selected according to the size of the WordPress site. Below are the types of hosting solutions. Managed Hosting Based on popular choice, reliable hosting services include godaddy, hostgator, bigrocks, etc. There are some other services too, but the uptime, problems etc. The issue with shared hosting is that you have to contact the managed hosting team to get any issues fixed and your queries answered about your part of managing the hosting. We also provide services to manage your hosting, whether it be a beginner or an expert. Setting up managed Hosting with the domain Setting up the managed hosting is easy. The managed hosting will provide you an interface where you will add the domain name using the easy control panel. Then, you would get a name servers to be configured with the domain by adding it to the name server fields of the domain registrar panel. Chat With Expert Now! Setting Up domain to point to the managed hosting Once you have the name servers for the hosting, just open up the domain control panel, select the domain and then select the DNS option, it would have the default option selected for their own hosting solution, you just have to select the custom name servers option and then add the hosting name servers there and save it. Once done, it can take a few minutes to even 48 hours depending on the domain name registrar. You can contact us to have the domain configuration verified. Benefits of managed hosting includes many free features and free email solutions. This can include shared hosting, VPS and dedicated servers too at a higher cost. Setting up Unmanaged Cloud hosting Setting up an unmanaged hosting is also easy. Unmanaged hosting can be cloud based VPS, dedicated server etc. I prefer OVH as it is cheap and the performance is awesome. The bad part

about this is, you have to manage it all. If you raise a ticket, they will say they cannot help as it is not a managed solution and if you need help, we can help you with anything. VPS or Dedicated hosting can be setup by just setting up its ip with the DNS records in the domain registrar control panel. To point the domain to the hosting, go to the DNS records. In some cases, you are provided name servers where it can be easily updated in place of the name servers. The choice depends on the purpose of the site. I choose WordPress as it is open source free , choice of various plugins to select, regular version updates with security patches, ease of updating the content and availability of support services. If you are finding it difficult, we can help you get this done. When installing the WordPress, make sure to use a username and password different from the default ones to avoid hacking. Once WordPress is installed, the domain will be accessible with the default WordPress theme and content. You can access the domain name at the url like https: Then, enter the username and password to log into the WordPress dashboard. Once you are logged in, go to the Posts page listed on the left and delete the sample post, then click on trash icon at the top and then click on empty trash. Again, go to the Pages list and delete the sample page and trash the sample page too. It is the best CMS available and becoming an expert in it is going to make you rich! Now, you have to setup the website or the blog or both at once. To setup the blog, you need to understand the CMS properly. For this, you have to just go through each option in the WordPress once, before you continue reading. Setting up unmanaged hosting Setting up the unmanaged hosting would be confusing for the first time. Contact us by clicking on the floating chat icon to get more help depending on your requirements and choices. Please watch the video below for complete guide on managed Website building: The one I found light and simple is the likewiki theme. To install the theme, go to the theme menu and then select add new and then search for like wiki theme, install it and then click on activate button. Selecting WordPress plugins We also need some basic plugins to have the benefits of getting good ranking. Once your content is live and starts getting viewers, you can always get the content formatted by a professional. Creating a Page As mentioned about the post, page can also be simply created for reference purpose, formatting it is a secondary thing unless your visitors start visiting the home page. You can also have the summary of your posts in the home page. How do I earn money using the WordPress site? Google, Bing etc are search engines, where new unique and natural content is appreciated. The content can be optimized and changed any time. Once you have the visitors flowing in, you can opt for the adsense account. Please refrain from copying content. Even if you want to recreate your own page, write the content in your own words with a uniqueness. Once, Google Adsense team evaluates the site for genuine visitors, they will approve it. If the visitors are less, they might ask you to wait and apply again once the viewers are sufficient. Once, you have the viewers, you can use the quick adsense plugin to configure the ads. Please watch the video below completely to have the idea about configuring the adsense. If you have further queries, we are happy to help you, please click on the floating chat icon to the right to chat with experts.

In this initial lesson we learn what WordPress is, why it's useful, and get a feel for what we'll learn in upcoming lessons (admin screens, custom theme development). Watch the full playlist for.

If you wish to learn more about how to install and use Themes, review Using Themes. This topic differs from Using Themes because it discusses the technical aspects of writing code to build your own Themes rather than how to activate Themes or where to obtain new Themes. Each Theme may be different, offering many choices for site owners to instantly change their website look. Why else should you build a WordPress Theme? To create a unique look for your WordPress site. To take advantage of templates , template tags , and the WordPress Loop to generate different website results and looks. To provide alternative templates for specific site features, such as category pages and search result pages. To quickly switch between two site layouts, or to take advantage of a Theme or style switcher to allow site owners to change the look of your site. A WordPress Theme has many benefits, too. It separates the presentation styles and template files from the system files so the site will upgrade without drastic changes to the visual presentation of the site. It allows for customization of the site functionality unique to that Theme. It allows for quick changes of the visual design and layout of a WordPress site. Why should you build your own WordPress Theme? If you release it to the public , you can feel good that you shared and gave something back to the WordPress Community okay, bragging rights

Theme Development Standards WordPress Themes should be coded using the following standards: See WordPress Coding Standards. Follow design guidelines in Site Design and Layout. Avoid using numbers for the theme name, as this prevents it from being displayed in the available themes list. WordPress includes a default theme in each new installation. Examine the files in the default theme carefully to get a better idea of how to build your own Theme files. For a visual guide, see this infographic on WordPress Theme Anatomy. WordPress Themes typically consist of three main types of files, in addition to images and JavaScript files. The stylesheet called style. WordPress template files which control the way the site pages generate the information from your WordPress database to be displayed on the site. The optional functions file functions. Child Themes The simplest Theme possible is a child theme which includes only a style. This is possible because it is a child of another theme which acts as its parent. For a detailed guide to child themes, see Child Themes. The stylesheet must provide details about the Theme in the form of comments. No two Themes are allowed to have the same details listed in their comment headers , as this will lead to problems in the Theme selection dialog. If you make your own Theme by copying an existing one, make sure you change this information first. The following is an example of the first few lines of the stylesheet, called the stylesheet header, for the Theme "Twenty Thirteen": The theme for WordPress takes us back to the blog, featuring a full range of post formats, each displayed beautifully in their own unique way. Design details abound, starting with a vibrant color scheme and matching header images, beautiful typography and icons, and a flexible layout that looks great on any device, big or small. Note the list of Tags used to describe the theme. These allow user to find your theme using the tag filter. You can find a full list in the Theme Review Handbook. The comment header lines in style. Use valid CSS when possible. As an exception, use vendor-specific prefixes to take advantage of CSS3 features. The obvious exception is browsers-specific support, usually versions of IE. If possible, separate CSS hacks into separate sections or separate files. Tables, captions, images, lists, block quotes, et cetera. Adding print-friendly styles is highly recommended. Functions File A theme can optionally use a functions file, which resides in the theme subdirectory and is named functions. This file basically acts like a plugin , and if it is present in the theme you are using, it is automatically loaded during WordPress initialization both for admin pages and external pages. Suggested uses for this file: Enqueue theme stylesheets and scripts. Define functions used in several template files of your theme. Set up an options menu, giving site owners options for colors, styles, and other aspects of your theme. The default WordPress theme contains a functions. Note for deciding when to add functions to functions. You may find that you need the same function to be available to more than one parent theme. If that is the case, the function should be created in a plugin instead of a functions. This can include template tags and other specific functions. Functions contained

in plugins will be seen by all themes. WordPress allows you to define separate templates for the various aspects of your site. It is not essential, however, to have all these different template files for your site to fully function. Templates are chosen and generated based upon the Template Hierarchy , depending upon what templates are available in a particular Theme. As a Theme developer, you can choose the amount of customization you want to implement using templates. For example, as an extreme case, you can use only one template file, called index. A more common use is to have different template files generate different results, to allow maximum customization. Of course, your Theme can contain any other stylesheets, images, or files. Just keep in mind that the following have special meaning to WordPress -- see Template Hierarchy for more information. This must be included with your Theme, and it must contain the information header for your Theme. This can be generated using the RTLeR plugin.

Chapter 5 : A Step By Step WordPress Theme Development Tutorial – Ultimate Guide

WordPress Theme Tutorial - How to create a wordpress theme from scratch Lastly we got a video tutorial on WordPress themes from PHP Training, this one has been crafted recently and is aimed at the audience that want to get up to speed with latest WordPress syntax and general theme patterns.

Change the database name, username, and password, from this: Save the file as wp-config. Now, when you go back to your website and refresh, you should see this screen. Congratulations, you have successfully installed WordPress! Create a new directory for your theme; I called mine startwordpress. A WordPress theme needs only two files to exist – style. In your custom theme folder, create style. It simply contains a comment that alerts WordPress that a theme exists here. Change the name, author, description, and so on. Bootstrap Blog template converted to WordPress Version: Move those two files – index. Your theme has now been created. Activate the theme and go back to your main URL. There is one thing you might notice – blog. My local URL may be startwordpress. If I link to blog. Chrome no longer allows. This example will use. Fortunately, this is easily remedied. Locate where you linked to the CSS stylesheet in the head of index. Replace the above code with the below code. If it is not loading in, please do a hard refresh. The concept will be the same for images, javascript, and most other files you have in the themes folder, except PHP files. It should be startwordpress. Note that this is not the most correct way to load scripts into your site. Dividing your page into sections Right now, everything is in index. But obviously we want the header, footer and sidebar on all the pages to be the same, right? Maybe some pages will have slight customization, but that comes later. Now we start cutting and pasting. The header usually contains all the necessary head styles and the top navigation to the website. Since I included the. Content removed for brevity. Cras mattis consectetur purus sit amet fermentum. Aenean lacinia bibendum nulla sed consectetur. Basic typography, images, and code are all supported. In fact, it should only be this: The content function is slightly different, but it does the same thing. If you re-load your URL, your entire site is now loaded, just as before. Main Settings Before we start pulling in posts and pages, we need to configure some main settings of WordPress. The front end should reflect what you put in your settings. Click on Post name and apply the changes. The Loop The most exciting part is being able to dynamically insert content, and in WordPress we do that with The Loop. All of your content is generated through a loop. Our goal is to display that post in the blog. The Loop itself is quite simple. Anything inside the loop will be repeated. For a blog, this will be the post title, the date, the content, and comments. Where each individual post should end is where the loop will end. I added another post to prove at the loop is working. There should be a description and archive list in the sidebar. Menu and Pages Okay. Now we know how to make a blog, and edit some sidebar content. Only one main aspect of this page remains – the navigation, and where it leads. Well, there are two main aspects to WordPress – Posts and Pages. This is where the CMS aspect of WordPress comes in – each individual page can be as customized as you want. In the dashboard, I added a page so we can see two. Unfortunately for us, this looks terrible; the original blog. Fortunately, this is a very easy fix. Add this to blog. Make sure to do a hard refresh. Conclusion There is much, much more to learn about WordPress. I sincerely hope this article opened a world of possibilities to you. If something was unclear, please let me know. Any feedback is greatly appreciated! If you would like to know how to migrate this local instance to a live server, view this small tutorial: Migrating WordPress Last updated: In part three , I go over how to create custom fields and metaboxes. Note Hi, my name is Tania Rascia. I write free resources that have helped thousands of people successfully transition into a web development career. My commitment is to no bullshit, no sponsored posts, no ads, and no paywalls. If you enjoy my content, please consider supporting what I do.

Chapter 6 : Tutorial On Creating WordPress Child Theme | NapitWPTech

Theme and plugin developers interested in adding new options to a theme's Theme Customization page should see the documentation on the Theme Customization API. Additional tutorials on the Theme Customization API are available at

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the calendrierdelascience.com website.

Chapter 7 : 40 brilliant WordPress tutorials | Creative Bloq

In this video, I'm going to demonstrate WordPress Theme Development Tutorial with the Underscores Starter Theme. Table of Contents: First Look at the.

Chapter 8 : Beginner's Guide to Developing a WordPress Theme - CodexWorld

To have wordpress theme development tutorial step by step pdf portfolio resolved, I suggest you check everything from the base to the top of the configuration. The.

Chapter 9 : WordPress Theme Development Tutorial - Underscores Starter Theme - Dallas Web Design

Sarah Clarke is an experienced WordPress Developer, working at WordSuccor Ltd. She is expert in WordPress Theme Development and has a team of expert developers to assist her in every project.