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Home Menu and Navigation Multiple Level Menus Here
 Smooth Navigational Menu (v3.02)
                                                                                           FF1+ IE7+ Opera8+
                                                                                                             Calendars
 Author: Dynamic Drive
                                                                                                             Date & Time
                                                                                                              Document Effects
 Item 1 Folder 0 ▼ Folder 1 ▼ Item 3 Folder 2 ▼ Item 4
                                                                                                             Dynamic Content
 Updated: April 1st, 16' (v3.02): Fixed Chrome desktop falsely reporting as touch enabled, requiring clicking
                                                                                                             Form Effects
 on menu items to drop down.
                                                                                                             Games
 Description: Smooth Navigation Menu is a multi level, CSS list based menu powered using <u>jQuery</u> that
                                                                                                             Image Effects
 makes website navigation a smooth affair. And that's a good thing given the important role of this element in
                                                                                                             Links & Tooltips
 any site. The menu's contents can either be from direct markup on the page, or an external file and fetched
                                                                                                             Menus & Navigation
 via Ajax instead. And thanks to jQuery, a configurable, sleek "slide plus fade in" transition is applied during
 the unveiling of the sub menus. The menu supports both the horizontal and vertical (sidebar) orientation.
                                                                                                             Mouse and Cursor
 On the mobile front (v3.0+), the menu transforms into a fixed, vertical menu when the user's device or
                                                                                                             Scrollers
 browser screen is below a certain width, ensuring a smooth experience regardless of screen size.
                                                                                                             Text Animations
 Some noteworthy features- You can specify a delay before the sub menus appear and disappear when the
                                                                                                             User/System Preference
mouse rolls over and out of them, respectively. The sub menus reposition themselves if too close to the
                                                                                                             Window and Frames
 window's right edges. And last but not least, the depth of the accompanying shadow can be customized, or
                                                                                                             Other
removed altogether. Smooth we say!
                                                                                                             XML and RSS
 Item 1
  Folder 0
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 Directions Developer's View
 Step 1: Insert the following code into the <head> section of your page:
  Select All
 <!DOCTYPE html>
 <link rel="stylesheet" type="text/css" href="ddsmoothmenu.css" />
 <link rel="stylesheet" type="text/css" href="ddsmoothmenu-v.css" />
 <script type="text/javascript" src="http://ajax.googleapis.com/ajax/libs/jquery/1.8/jquery.min.js"></script>
 <script type="text/javascript" src="ddsmoothmenu.js">
  /***************
 * Smooth Navigational Menu- (c) Dynamic Drive DHTML code library (www.dynamicdrive.com)
 * Please keep this notice intact
 The above code references a few external files, which by default you should upload to the same directory as
 the page itself (right click each file and select "Save As"):
   • ddsmoothmenu.js
   • ddsmoothmenu.css
   • ddsmoothmenu-v.css
   • 5 images: ▷ ▽ ◀ ▶ ▼
 Step 2: Add the below menu code to the BODY section of your page. It contains the markup for 1 horizontal
menu and 1 vertical menu:
  Select All
 <!-- Markup for mobile menu toggler. Hidden by default, only shown when in mobile menu mode -->
 <a class="animateddrawer" id="ddsmoothmenu-mobiletoggle" href="#">
 <span></span>
 </a>
 <h2>Example 1</h2>
 <div id="smoothmenu1" class="ddsmoothmenu">
 <a href="http://www.dynamicdrive.com">Item 1</a>
 <a href="http://www.dvnamicdrive.com">Folder 0</a>
 Each menu should consist of an outer DIV and a valid UL list contained inside it.
 If you wish the menu content to reside in an external file on your server and dynamically added to your
 page(s), read the section "Putting the Menu contents in an external file" below.
 Well, that's it for installation.
  (i) ddsmoothmenu.init() and Menu content structure
 Setting up a Smooth Navigational Menu on your page involves calling ddsmoothmenu.init() inside the HEAD
 section of your page:
  ddsmoothmenu.init({
   mainmenuid: "smoothmenu1", //menu DIV id
   orientation: 'h', //Horizontal or vertical menu: Set to "h" or "v"
   classname: 'ddsmoothmenu', //class added to menu's outer DIV
   //customtheme: ["#1c5a80", "#18374a"],
   contentsource: "markup" //"markup" or ["container_id", "path_to_menu_file"]
 where "smoothmenu1" corresponds to the menu content's outermost DIV on the page. Here's a description of
 each option:
 Option
                            Description
  mainmenuid
                            The ID of the menu's outermost DIV. If the menu contents are fetched via Ajax,
                            then this ID should correspond to the outermost DIV that's within the external
                           file.
  orientation
                            Sets the orientation of the menu. Enter the value "h" or "v" for a horizontal or
                            vertical menu, respectively. Note that the "classname" setting below must also be
                            set according to the "orientation" setting.
```

Sets the CSS class name that gets applied to the outermost DIV of the menu,

effectively styling it. Based on the "orientation" setting above, you want to enter

the CSS class that correctly styles the menu By default, "ddsmoothmenu" creates a

horizontal menu bar, while "ddsmoothmenu-v" creates a vertical one. Take a look

Sets the method for which the sub menus should open and close, either "hover"

or "toggle". Defaults to "hover", which opens each sub menu when the user rolls

the mouse over it. With "toggle", the menus are opened when the user clicks on

alternate versions of the arrow images (down and right) of the menu when the

mouse rolls over a menu header. In other words, it enables rollover effect on the

You do NOT specify the paths to the rollover images when this option is enabled.

Instead, the script simply looks at the path and file names of the default arrow

images inside ddsmoothmenu.js and appends a "_over" suffix to the default

arrowimages: {down:['downarrowclass', 'images/down.gif', 23], right:

In this case you should name your rollover images down_over.gif and

right_over.gif respectively, and place them inside the images/ directory.

In general, customizing the menu's style and background colors is done by

editing the two CSS files of the script. However, you can also modify the menu's

background and hover background color- on a per page or per menu basis easily,

by taking advantage of the "customtheme" setting. To do so, uncomment (remove

the // prefix) from this setting and declare two CSS background values, one for

This property is useful for quickly testing out color combinations without having

the default state, the other, when the mouse rolls over the menu items:

Enter "markup" if your menu contents are directly inline on the page, or

As far as the HTML markup of each menu, it should consist of an outer DIV plus a valid UL list inside it, such

["container_id", "path_to_menu_file"] For more info on the later option, see

"Putting the Menu contents in an external file and fetched using Ajax" below.

customtheme: ["#1c5a80", "#18374a"], //override default menu CSS background

['rightarrowclass', 'images/right.gif', 6]},

to edit "ddsmoothmenu.css" each time.

images' file names to form the full path and file names to the rollover images. So

if the paths to the default arrow images as specified inside ddsmoothmenu.js are

Boolean that if set to true (defaults to false) will cause the script to show

inside ddsmoothmenu.css and ddsmoothmenu-v.css.

them instead.

arrow images.

as follows:

classname

method

v2.0 option

arrowswap

v2.0 option

customtheme

contentsource

as:

<div id="smoothmenu1">

Folder 0

BLOG

TOOLS

FORUMS

CSS CODES

Q

search

Make sure the UL list is valid You can use <u>W3C's validation service</u> to quickly check your HTML list for

incorrectly nested or unclosed tags.

Sub Item 1.1

Sub Item 1.2

Menu content structure

Item 1

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your server. For example: "smoothmenu.htm"

<div id="smoothcontainer">

<noscript>

</noscript>

ddsmoothmenu.init({

background: black !important;

properties) inside the file to get the desired look.

the arrow images, speed of animation, and whether to disable shadows:

OGlobal menu settings

for vertical top level items with fly outs):

mouse rolls over and out of them, respectively.

in detail next.

point:

Mozilla Firefox

Item 1

Folder Ox

Folder 1

Item 3

Folder 2

Screenshot

menu (while hiding default)

color: white;

mainmenuid: "smoothmenu-ajax",

["normal_background", "hover_background"]

the current page's position within your site.

OStyling the menu item the user is currently at

</div>

above menu is embedded this way. The process for this is simple enough:

1. Move the entire menu's HTML markup- including the outermost DIV container- to an external file on

2. On your page(s) themselves where you want the menu to be dynamically added, add an empty DIV

container with a unique ID of its own in the BODY section of the page:

Site map

external file on your server and have the menu dynamically added to the BODY of your page using Ajax. The

Instead of the menu's content being direct markup on the page, you can instead put that HTML in an

OPutting the Menu contents in an external file and fetched using Ajax

```
This container's contents will be replaced by the menu contents defined in your external file when ddsmoothmenu.init() is run. You can include any HTML within this empty container that you may want shown to search engines or users with JavaScript disabled, as it will be replaced when the script is run.

3. Finally, you need to edit ddsmoothmenu.init()'s "contentsource" setting to the appropriate setting:
```

When the user rolls over a menu item (LI element) that contains a sub menu (UL element), the script dynamically adds a CSS class of ".selected" to the former's inner A element. This allows you to style the current active menu item differently from the rest. Inside "ddsmoothmenu.css", the relevant CSS you'll want to tweak is:

.ddsmoothmenu ul li a.selected { /*CSS class that's dynamically added to the currently active menu items' LI A element*/

Notice the !important declaration next to some of the properties inside the CSS file. You may need to

experiment with adding or removing this declaration to the color related properties (background and color

Finally inside <u>ddsmoothmenu.js</u> there are a few global settings you can modify, such as setting the paths to

mobilemediaquery: "screen and (max-width: 900px)", // CSS media query string that when matched activates mobile

//Specify full URL to down and right arrow images (23 is padding-right for top level LIs with drop downs, 6 is

arrowimages: {down:['downarrowclass', 'down.gif', 23], right:['rightarrowclass', 'right.gif', 6]},

transition: {overtime:300, outtime:300}, //duration of slide in/ out animation, in milliseconds

mobiletransition: 200, // duration of slide animation in mobile menu, in milliseconds

O Configuring the mobile portion of the menu

//customtheme: ["#1c5a80", "#18374a"], //override default menu CSS background values? Uncomment:

contentsource: ["smoothcontainer", "smoothmenu.htm"] //"markup" or ["container_id", "path_to_menu_file"]

The path to the external file, in this case "smoothmenu.htm", should be a **relative path** to it based on

shadow: true, //enable shadow? (offsets now set in ddsmoothmenu.css stylesheet)
showhidedelay: {showdelay: 100, hidedelay: 200}, //set delay in milliseconds before sub menus appear and
disappear, respectively
zindexvalue: 1000, //set z-index value for menus
closeonnonmenuclick: true, //when clicking outside of any "toggle" method menu, should all "toggle" menus
close?
closeonmouseout: false, //when leaving a "toggle" menu, should all "toggle" menus close? Will not work on

touchscreen The last line above lets you specify the delay before the sub menus appear and disappear when the

The two highlighted options in red pertain to mobile related settings, which is incidentally what we'll look at

Smooth Navigational Menu whether in "horizontal" or "vertical side bar" mode converts to a **central**, mobile

happens when a page containing a horizontal and vertical Smooth Menu is resized below the mobile breaking

optimized compact list menu when the desired criteria is matched. The following screenshot shows what

As you can see, when the threshold is met, both regular menus disappear, replaced by a drawer icon that

when clicked on activates a compact list menu containing all of the combined menus' contents. The original

multiple menus, the outcome is the same. All facets of the mobile menu are dynamically generated, drawing

menus reappear when that process is reversed. Whether you only have one Smooth Menu on your page or

upon existing markup for the regular menus, so there's no redundant code to add to your page. The only

Before anything else you'll want to set the threshold when the user's environment is considered to be in

"mobile", so the mobile version of the menu is activated. Inside <u>ddsmoothmenu.js</u>, modify the line:

extra markup you need to add to your page is the mobile menu "toggler" that toggles the visibility of the mobile menu in "mobile" mode, which is <u>explained further below</u>. - Setting the mobile threshold

and in portrait mode only

]\

visible:

.animateddrawer{

width: 3em;

The portion in red should be a valid CSS media query to match when the menu switches over to the mobile version. Some examples of valid CSS media queries are as follows:

• screen and (max-width: 700px) //when the browser width is 700px or below, desktop or mobile alike

• screen and (max-device-width: 480px) //when the **device width** is 480px or below, which usually only means in mobile environments

• screen and (max-device-width: 480px) and (orientation: portrait) // when device width is 480px or below

The most common decision to make is whether to use max-width or max-device-width- the former means the

value set applies to both desktop and mobile browsers, while the later limits the resulting match to only

IMPORTANT: Your page should carry the META tag <meta name="viewport" content="width=device-width,"

initial-scale=1"> in the HEAD section of your page to ensure the best mobile experience with this menu.

The only markup you need to manually add to your page to take advantage of the mobile features of the

mobile devices, with desktop browsers always showing the regular menu.

menu is a mobile menu toggler link, which looks like the following:

mobilemediaquery: "screen and (max-width: 700px)", // CSS media query string that when matched activates mobile

This META tag instructs mobile browsers not to zoom out when rendering the webpage by default, which will lead to CSS media queries not being matched properly if the page is.

- Defining/ customizing the mobile menu toggler

The link should carry a CSS class of "animateddrawer" and ID of "ddsmoothmenu-mobiletoggle" exactly as is. You can place the toggle anywhere on your page you see fit. The style of this primary toggler is defined by the CSS

class "animateddrawer" inside "ddsmoothmenu.css" at the bottom, under "Animated Drawer icon (mobile

font-size: 10px; /* Base font size. Adjust this value to modify size of drawer icon */

menu toggler) CSS". The default style has it positioned at the upper right corner of the page and fixed when

height: 2.8em;
outline: none;
position: fixed; /* By default, make toggler fixed on screen */
display: none;
top: 10px; /* Position at upper right corner */
right: 10px;
background: white;
z-index: 1000;

When the mobile menu is open, an additional CSS class of "open" is added to the toggler link to let you style the link differently based on the menu state.

- Creating arbitrary links that toggle the mobile menu

Besides relying on the primary mobile toggler discussed above, you can also open/close the mobile menu on demand using arbitrary links you define on the page, such as:

by the code ontouchstart="event.cancelBubble=true, it is necessary in order to override another behaviour of the mobile menu, which is to dismiss the menu whenever the user clicks or taps anywhere on the page. Without the aforementioned code, the link will have no effect on the menu even though it's calling the appropriate method, ddsmoothmenu.togglemobile().

- Modifying the style of the mobile compact list menu

The code in red highlights what needs to be added inside your link for the process to work. For those puzzled

Open/ Close

The style of the mobile compact menu is determined by the CSS class "div.ddsmoothmenumobile" that's added to the outermost container of the menu. To modify the style, go into "ddsmoothmenu.css" under "Mobile Menu container CSS".

Wordpress Users: Step by Step instructions to add ANY Dynamic Drive script to an entire Wordpress theme or individual Post

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