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## WP\_Admin\_Bar::add\_node( array \$args )

Adds a node to the menu.

### Parameters

**\$args** array required

Arguments for adding a node.

**id** string

ID of the item.

**title** string

Title of the node.

**parent** string

Optional. ID of the parent node.

**href** string

Optional. Link for the item.

**group** bool

Optional. Whether or not the node is a group. Default false.

**meta** array

Meta data including the following keys: 'html' , 'class' , 'rel' , 'lang' , 'dir' , 'onclick' , 'target' , 'title' , 'tabindex' , 'menu\_title' . Default empty.

### More Information

- This function is a method of the [WP\\_Admin\\_Bar](#) class and \$wp\_admin\_bar global object, which may not exist except during the 'admin\_bar\_menu' or 'wp\_before\_admin\_bar\_render' hooks.
- [add\\_menu](#) is an alias for this method.

### Source

wp-includes/class-wp-admin-bar.php

[Expand code](#) [Copy](#)

```
public function add_node( $args ) {  
    // Shim for old method signature: add_node( $parent_id, $menu_obj, $args ).  
    if ( func_num_args() >= 3 && is_string( $args ) ) {
```

```
$args = array_merge( array( 'parent' => $args ), func_get_arg( 2 ) );
}

if ( is_object( $args ) ) {
$args = get_object_vars( $args );
}

// Ensure we have a valid title.
if ( empty( $args['id'] ) ) {
    if ( empty( $args['title'] ) ) {
```

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### Uses

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wp-includes/class-wp-admin-bar.php

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## Changelog

### Version

### Description

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[6.5.0](#)

Added the ability to pass 'menu\_title' for an ARIA menu name.

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[4.5.0](#)

Added the ability to pass 'lang' and 'dir' meta data.

## User Contributed Notes

Paal Joachim Romdahl 9 years ago

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Inspect element to find the id

To adjust a menu item one has to first find the correct id (node) of the link.

Right click the menu link in your browser and select Inspect Element (name will vary from browser to browser) to open the panel to where one can see the html and css of the page you are on.

Notice the id tag.

I am looking at adjusting the sites drop down. So I will find the id: wp-admin-bar-site-name.

To find the correct node one has to remove: wp-admin-bar-. What is left is the site-name.

Nodes

The various top level and submenu nodes in the admin toolbar are:

wp-logo

about

wporg

documentation

support-forum

feedback

site-name

dashboard

themes

customize

widgets

menus

customize-background

customize-header

comments

new-content

new-post

new-media

new-page

new-user

edit

user-actions (to the right – next to your avatar image)

user-info

edit-profile

logout

Removing a top level node removes the link and submenu if it has one.

## The Code

If you're using the code in the beginning of your functions.php file then include the opening php tag before the below code.

The following code adds a media library link to the site name drop down menu.

[Copy](#)

```
add_action( 'admin_bar_menu', 'add_link_to_admin_bar', 999 );  
  
function add_link_to_admin_bar($admin_bar) {  
    $args = array(  
        'parent' => 'site-name',  
        'id'      => 'media-library',  
        'title'   => 'Media Library',  
        'href'    => esc_url( admin_url( 'upload.php' ) ),  
        'meta'    => false  
    );  
    $admin_bar->add_node( $args );  
}  
}
```

The following code adds a media library and a plugins link to the site name drop down menu.

[Expand code](#) [Copy](#)

```
add_action( 'admin_bar_menu', 'add_links_to_admin_bar', 999 );  
  
function add_links_to_admin_bar($admin_bar) {  
    $args = array(  
        'parent' => 'site-name',  
        'id'      => 'media-library',  
        'title'   => 'Media Library',  
        'href'    => esc_url( admin_url( 'upload.php' ) ),  
        'meta'    => false  
    );  
    $admin_bar->add_node( $args );  
  
    $args = array(  
        'parent' => 'site-name',  
        'id'      => 'plugins',  
        'title'   => 'Plugins',  
        'href'    => esc_url( admin_url( 'plugins.php' ) ),  
        'meta'    => false  
    );  
    $admin_bar->add_node( $args );  
}
```

The following code adds top level link and media library and plugins submenu links to the Custom Made drop down.

[Expand code](#) [Copy](#)

```
add_action( 'admin_bar_menu', 'add_top_link_to_admin_bar', 999 );  
  
function add_top_link_to_admin_bar($admin_bar) {  
    // add a parent item  
    $args = array(  
        'id'      => 'custom',  
        'title'  => 'Custom Made',  
        'href'   => 'http://example.com/' , // Showing how to add an external link  
    );  
    $admin_bar->add_node( $args );
```

```
// add a child item to our parent item
$args = array(
```

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Codex8 years ago

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## Add a Page to the Toolbar

This example will add a Page with a "my-toolbar-page" class to the Toolbar. It will be a top level item because the 'parent' argument is not set (it has no parent node). Put this in your theme's functions.php file.

[Expand code](#) [Copy](#)

```
/**
 * Adds a "My Page" link to the Toolbar.
 *
 * @param WP_Admin_Bar $wp_admin_bar Toolbar instance.
 */
function toolbar_link_to_mypage( $wp_admin_bar ) {
    $args = array(
        'id'      => 'my_page',
        'title'   => __( 'My Page', 'textdomain' ),
        'href'    => 'http://mysite.com/my-page/',
        'meta'    => array(
            'class' => 'my-toolbar-page'
        )
    );
}
```

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## Make an Existing Child Node a Parent Node

This example will change the properties of an existing node by using the ID of that node. See Finding Toolbar Node ID's on how to find existing node ID's. The following code will make the child node with ID "new-post" (New > Post) a parent node.

[Expand code](#) [Copy](#)

```
/**
 * Modifies the "Add New Post" Toolbar item to move it to the top-level.
 *
 * @param WP_Admin_Bar $wp_admin_bar Toolbar instance.
 */
function make_parent_node( $wp_admin_bar ) {
    $args = array(
        'id'      => 'new-post',                      // id of the existing child node (New > Po
        'title'   => __( 'Add New Post', 'textdomain' ), // alter the title of existing node
        'parent'  => false,                           // set parent to false to make it a top le
    );
    $wp_admin_bar->add_node( $args );
}
```

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## Sorting The Links on the Admin Menu Bar

Use further array functions in PHP to sort the admin menu items with the following code.

Problem: Since the basic code for admin bar links is to create a separate \$args variable for each array, sorting the links could be a lot of work cutting and pasting code around when you need to sort the links.

Solution: The following code does the following: 1. adds each \$args into a separate element of the same \$args by using PHP's array\_push() function 2. Each \$args element is a multi-dimensional array that can be sorted 3. Use PHP's sort function to sort them. 4. Traverse a for loop.

[Expand code](#) [Copy](#)

```
/**  
 * Adds sorted social media links to the Toolbar.  
 *  
 * @param WP_Admin_Bar $wp_admin_bar Toolbar instance.  
 */  
function social_media_links( $wp_admin_bar ) {  
  
    $args = array(  
        'id'      => 'social_media',  
        'title'   => 'Social Media',  
        'meta'    => array(  
            'class' => 'first-toolbar-group'  
        ),  
        '  
    );  
}
```

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## Single function to add parent/child sub menu items

This is how to add a parent or sub menu item with one function.

[Expand code](#) [Copy](#)

```
add_action('wp_before_admin_bar_render', 'baw_admin_bar_render', 100);  
  
/**  
 * Adds admin bar items for easy access to the theme creator and editor  
 */  
function baw_admin_bar_render() {  
    baw_admin_bar_render_item( 'BAW' ); // Parent item  
    baw_admin_bar_render_item('BAW Sub1', 'some_link_to_the_settings', 'BAW');  
    baw_admin_bar_render_item('BAW Sub2', 'some_link_to_the_settings', 'BAW');
```

```
/**  
 * Adds menu parent or submenu item.
```

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Rinku Y8 years ago

^ 0 ▾

We can add below code in function to hide menu, if user is not super admin OR admin bar is not showing.

[Copy](#)

```
// Don't display notification in admin bar if it's disabled or the current user isn't an administrator  
if( !is_super_admin() || !is_admin_bar_showing() )  
{  
    return;  
}
```

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