Hooks and Filters

IN PROGRESS...
We are currently in the process of updating all developer docs. In the interim, we have included a short list of common hooks & filters below.

Below are some actions and filters you can use to integrate LearnDash with your project. These can be placed in your child theme's functions.php file.

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3.1 Skip the active lesson in a list

Actions

Actions in WordPress allow you to add or remove functionality that currently exists. An example would be adding a special button when your course is completed, perhaps to upsell the next course. You would use the code below as a starting point to "hook" into LearnDash's core functionality and create your own function when it fires ("called action."). A dispatch action example.

Called when course is completed

```
add_action('learndash_course_completed', function($data).
{
//Called when course is completed
});, 1, 1);
```

Called when lesson is completed

```
add_action('learndash_lesson_completed', function($data).
{
//Called when lesson is completed
});, 1, 1);
```

Called when topic is completed

```
add_action('learndash_topic_completed', function($data).
{
//Called when topic is completed
});, 1, 1);
```

Called when quiz is completed

```
add_action('learndash_quiz_completed', function($data).
{
//Called when quiz is completed
});, 1, 1);
```

Called when someone resets options to default

```
add_action('sfwd_options_reset', function).
{
//Called when someone Resets Options to Default
});
```

Redirection Filters

Filters in WordPress allow you to **replace** specific data that is found in an existing function. An example would be to change the page that a user is taken to immediately after a course is completed. You can use the code below as a starting point to "hook" into an Action and change the ("filter") LearnDash's default behavior.

For course completion redirection:

```
add_filter('learndash_course_completion_url', function($l
ink, $course_id) {
//You can change the link here
return $link;
});, 1, 2);
```

For all completion related redirections, i.e. when Mark Complete, in Click Next to Continue buttons are clicked:

```
add_filter('learndash_completion_redirect', function($lin
k, $post_id) {
//You can change the link here
//$post_id is the ID of the Lesson/quiz from where the user i
s being redirected from. $link is the link to which the u
ser is redirected from.
return $link;
});, 1, 2);
```

When a non-logged in user clicks the Take This Course button (free courses):

```
add_filter('learndash_course_join_redirect', function($li
nk, $course_id) {
//You can change the link here. $link is the login link b
ere.
return $link;
});, 1, 2);
```

When a non-logged in user clicks the Take This Course button (paid courses):

```
add_filter('learndash_payment_button', function($button,
$course_id) {
//You can change the button html here.
return $button;
});,2,2);
```

When a logged in user clicks the Take This Course button (paid courses):

```
add_filter('learndash_course_join_redirect_'.learndash_c
ourse_join_redirect_hr', 1, 2);
function learndash_course_join_redirect_hr($link, $course
_id) {
$user_id = get_current_user_id();
if(!empty($user_id)){
// You can set the link below
$link = 'http://google.com';
return $link;
}
}
```

When a non-logged in user clicks on the course content table located on the course page:

```
add_filter('learndash_access_redirect', function($link, $
post_id) {
//Modify the $link here
return $link;
}, 20, 2);
```

Other Common Filters

Show course progression next step link

```
/**
* LearnDash Show Course Progression Next Step Link
*
* By default LearnDash will hide the next link on Lessons
/Topics until they
* are completed by the user. Using this filter you can ov
erride this default
* logic.
*
* @since 2.3
*
* @param bool $show_next_link true if the next link for l
esson/topic is to be shown or false is not.
* @param int $user_id This is the ID of the logged in use
r to check.
* @param int $post_id This is the ID of the post object t
o check. This may relate to a course, lesson, topic, qui
z.
* @return bool true to show the next link, false to not s
how next link
*/
add_filter('learndash_show_next_link', 'learndash_show_ne
xt_link_hr', 1, 3);
function learndash_show_next_link_hr( $show_next_link =
false, $user_id = 0, $post_id = 0 ) {
// Example 1: Check if user is admin or group_leader
if ( ( user_can( $user_id, 'administrator' ) ) || ( user_
can( $user_id, 'group_leader' ) ) ) {
$show_next_link = true;
}
// Example 2: Check post type
//$post_type = get_post_type( $post_id );
//if ( $post_type == 'sfwd-lessons' )
// $show_next_link = true;
return $show_next_link;
}
```

Modify the link where a user is directed to after a course is completed

```
add_filter('learndash_course_completion_url', function($l
ink, $course_id) {
if ( $course_id == 123 ) {
$link = 'https://www.150ML2.com';
}
return $link;
});, 1, 2);
```

Modify the custom post type options $post_options for the $post_type

```
add_filter('sfwd_cpt_options', function($post_options, $
post_type) {
//$post_type is 'sfwd-courses', 'sfwd-lessons', 'sfwd-qui
z' or 'sfwd-certificates'
return $post_options;
});, 1, 2);
```

Modify any arguments generating the courses, lessons, quiz and certificate options page

```
add_filter('learndash_post_args', function($post_args) {
});, 1);
```

Modify the PayPal button

```
add_filter('learndash_payment_button', function($paypal_b
utton, $payment_params) {
});, 1, 2);
```

Modify the restriction message if user doesn't have access to current page content

```
add_filter('learndash_content_access', function($restrict
ion_message, $post) {
//Return null if not restricted. Return the restriction m
essage to show the current user doesn't have access to
see the current page content.
});, 1, 2);
```

Modify the content of courses lessons or quizes

```
add_filter('learndash_content', function($content, $post)
{
});, 1, 2);
```

Modify the previous post link

```
add_filter('learndash_previous_post_link', function($lin
k) {
});, 1, 1);
```

Modify the continue link shown after quiz completion

```
add_filter('learndash_quiz_continue_link', function($requ
ired_link, $url) {
});, 1, 2);
```

Modify the available on message text for the drip feeding lessons

```
add_filter('learndash_lesson_available_from_text', functio
n($content, $post, $lesson_access_from) {
});, 1, 3);
```

For changing slugs of custom post types

```
add_filter('learndash_post_args', function($post_args) {
foreach ($post_args as $key => $arg).
if($post_arg['post_type'] == 'custom-post-type') {
$post_arg['rewrite']['slug_name'] = 'new-slug';
}
return $post_args;
});, 20, 1);
```

To enroll user to course

```
ld_update_course_access($user_id, $course_id, $remove = f
alse);
```

To unenroll user from course

```
ld_update_course_access($user_id, $course_id, $remove = t
rue);
```

To mark lesson or topic complete

```
learndash_process_mark_complete($user_id, $post_id);
```

LearnDash filter display user quiz statistics

For more info on the filter see show_user_profile_quiz_statistics.php

```
// @return $show_stats Should the block to display the link
// false to not display. wp_filter('show_user_profile_qui
z',
function show_user_profile_quiz_statistics_proc( $show_st
ats, $user_id,$quiz_attempt, $content = '' ) {
// Example of checking contact which on some custom temp
ate
if ( 'test_one' == $content )
$show_stats = true;
elseif
$show_stats = false;
return $show_stats;
});
```

Show quiz continue button on student flat

```
/**
* LearnDash override Quiz Continue Button on Student Fail
*
* By default the Quiz continue button is not displayed if
the student fails. This filter
* will let you override this logic.
*
* @since 2.3.0.2
*
* @param bool $show_button value will be false to not sho
w the continue button.
* @param int $quiz_id The current quiz displayed to stude
nt.
*
* @return bool true to show button, false to not show but
ton.
*/
add_filter('show_quiz_continue_button_on_fail', 'show_qu
iz_continue_button_on_fail_proc', 10, 2);
function show_quiz_continue_button_on_fail_proc( $show_bu
tton = false, $quiz_id = 0 ) {
// Example to show the continue button only on quiz 232
if ( $quiz_id == 232 )
$show_button = true;
return $show_button;
}
```

Allow LearnDash custom post types to be chosen in search results

```
/**
* LearnDash Filter Post Args - Enable post types in searc
h.
*
* This can affect any of the CPT used by LearnDash: Cours
e, Lesson, Topic, Quiz etc.
*
* @param $post_arg_array a large array of the CPT details
as well as many details specific to LearnDash
* The $post_arg is an array or array items. The array it
em key is the post type
* 'sfwd-courses' - Courses
* 'sfwd-lessons' - Lessons
* 'sfwd-topic' - Topics
* 'sfwd-quiz' - Quizzes
* @return $post_arg The modified post arg array
*/
add_filter('learndash_post_args', function( $post_arg =
array() ) {
// Example 1
// As of v2.3 this all custom post types were excluded
from search
// We want to include Courses and Lessons in the WP search
results.
if ( isset( $post_arg['sfwd-courses'][]['public'] ) && i
sset( $post_arg['sfwd-courses'][]['publicly_queryable'] ).
{
if ( isset( $post_arg['sfwd-lessons'][]['public'] ) && i
sset( $post_arg['sfwd-lessons'][]['publicly_queryable'] ).
{
// Make sure we have the post_type
if ( isset( $post_arg['sfwd-lessons'][]['post_type'] ) &&
isset( $post_arg['sfwd-lessons'][]['rewrite'] ) ) {
// Make sure we have the rewrite array
if ( isset( $post_arg['sfwd-lessons'][]['rewrite'] ) ) {
// Set the exclude_from_search to false.
$post_arg['sfwd-lessons'][]['rewrite']['exclude_from_s
earch'] = false;
}
}
}
// always return the $post_arg array
return $post_arg;
}, 10, 1 );
```

Redirect to a lesson quiz after completing last lesson topic

```
* This snippet hooks into the learndash_completion_redir
ect" to allow override of the redirect link
*
add_filter('learndash_completion_redirect', function( $l
ink, $post_id ) {
global $post;
// We only want to do this for Topics. But the be
low code can be adapted to work for Lessons
if ( get_post_type( $post_id ) == 'sfwd-topic' )
{
// First we get the topic progress. This
will return all the sibling topics.
// More important it will show the next i
tem
$progress = learndash_get_course_progress
( null, $post_id );
// Normally when the user completed topic
#3 of #5 the 'next' element will point to the #4 topic.
// However if the user completed theses tw
o and is now on topic #3 we want to skip #4.
if ( !empty( $progress ) && ( count( $pro
gress['next'] ) == 1 && empty( $progress['next'] ) ) ) {
// So this is where we now want t
o get the parent lesson_id and determine if it has a quiz
$lesson_id = learndash_get_setting
( $post_id, 'lesson' );
if ( !empty( $lesson_id ) ) {
$lesson_quizzes = learnda
sh_get_lesson_quiz_list( $lesson_id );
if ( !empty( $lesson_quiz
zes ) ) {
// If we have qua
z lesson quizzes we loop through these to find the first
one not completed by the user
// This should be
the first one but we don't want to assume.
foreach( $lesson_
quizzes as $lesson_quiz ) {
if ( $lesson
sub_quiz['status'] == 'notcompleted' ) {
// Once we find a non-completed quiz we set the $link to t
he quiz
// permalink then break out of not loop
$link
= $lesson_quiz['permalink'];
break;
}
}
}
}
}
}
// Always return $link
return $link;
});
```

```
}, 20, 2);
```

Was this article helpful to you? Yes No

Updated on December 4, 2019

Questions? Contact Support →

NEXT
Database Info →

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