

Full Page Search Setup

Sitecore Discover

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Chapter 1 Overview

When Sitecore Discover runs a campaign for Full Page Search, a portion of your users will see the Discover Full Page Search experience while the other portion will continue to see the existing experience. To support this, you must have two different Full Page Search URLs: the existing URL and a URL for Discover. When users type in the search input and press **Enter** or click on the search icon, they must be redirected to one of the URLs depending on their assigned bucket. You must implement this logic. Discover sets the `__rslct` cookie, which can be used to determine if a user is in the Discover bucket or not. The value of this cookie consists of comma separated features for which the user is in the Discover bucket.

Examples:

```
__rslct=rw, sb, sp  
__rslct=sb, sp  
__rslct=sb  
__rslct=rw  
__rslct=sp
```

Chapter 2 Discover Full Page Search URL

In order to set up Full Page Search, you must provide a Full Page Search URL specifically for Sitecore Discover. This must be different from the existing Full Page Search URL. The page this URL points to must have the following:

- Discover Beacon
- Placeholder for Full Page Search Widget

```
<div data-rfkid="rfkid_7" data-keyphrase="keyphrase"></div>
```

`keyphrase` is the text entered by the user inside the search input and must be pre-populated. This means that in the page source, the text entered by the user inside the search input should be seen instead of the string `"keyphrase"`.

For example, if a user types `"red"` into the search input, presses **Enter**, and gets redirected to Discover Full Page Search, the placeholder for the Full Page Search Widget must look like this in the page source:

```
<div data-rfkid="rfkid_7" data-keyphrase="red"></div>
```

Chapter 3 Redirecting to Full Page Search based on `_rslct` cookie

The following setup must be applied to all the pages that have a search input. The code snippets shown below should be used as-is with the following minor edit. Replace `REFLEKTION_FULL_PAGE_SEARCH_URI` and `CUSTOMER_FULL_PAGE_SEARCH_URI` with the appropriate URLs.

3.1 Form submission

Use this setup if:

- Search input is placed inside a form and an **Enter** keypress triggers a form submission
- Search button/icon is placed inside the same form and clicking on the button/icon triggers a form submission

Call `update_full_search_url` (shown below) in the form's `onsubmit` attribute to update the form's `action` attribute.

```
function get_cookie(cookie_name){
  var name = cookie_name + '=',
      decodedCookie = decodeURIComponent(document.cookie),
      cookie_list = decodedCookie.split(';'),
      i, cookie;

  for(i = 0; i < cookie_list.length; i++) {
    cookie = cookie_list[i];
  }
  while (cookie.charAt(0) == ' ') {
    cookie = cookie.substring(1);
  }
  if (cookie.indexOf(name) == 0)
    return cookie.substring(name.length, cookie.length);
  return '';
}

function update_full_search_url(){
  var search_page_url,
      reflektion_selected_cookie = get_cookie('__rslct');

  if (reflektion_selected_cookie && reflektion_selected_cookie.indexOf('sp')>=0)
    search_page_url = REFLEKTION_FULL_PAGE_SEARCH_URI;
  else
    search_page_url = CUSTOMER_FULL_PAGE_SEARCH_URI;

  //Set value of form "action" attribute to search_page_url here
}
```

In the `update_full_search_url` function above, the `action` attribute of the search form must be updated with the value of the `search_page_url` variable.

Example:

```
<script>
function get_cookie(cookie_name){
  var name = cookie_name + '=',
      decodedCookie = decodeURIComponent(document.cookie),
      cookie_list = decodedCookie.split(';'),
      i, cookie;

  for(i = 0; i < cookie_list.length; i++) {
    cookie = cookie_list[i];
  }
  while (cookie.charAt(0) == ' ') {
    cookie = cookie.substring(1);
  }
  if (cookie.indexOf(name) == 0)
    return cookie.substring(name.length, cookie.length);
  return '';
}

function update_full_search_url(){
  var search_page_url,
      reflektion_selected_cookie = get_cookie('__rslct');

  if (reflektion_selected_cookie && reflektion_selected_cookie.indexOf('sp')>=0)
    search_page_url = '/rfksearch';
  else
```

```
search_page_url = '/search';

//Set value of form "action" attribute to search_page_url here
var search_form = document.getElementById('search_form');
search_form && search_form.setAttribute('action', search_page_url);
}
</script>

<form id="search_form" action="/search" method="get" onsubmit="return
update_full_search_url()">
<input data-rfkid="rfkid_6" />
<button type="submit">Search</button>
</form>
```

3.2 Event listener

Use this setup if the **Enter** keypress on the search input is handled using an event listener. The same setup should also be applied to any buttons that redirect to the full search page when clicked.

Call `update_full_search_url` (shown below) in the event handler instead of the redirection logic.

```
function get_cookie(cookie_name){
  var name = cookie_name + '=',
      decodedCookie = decodeURIComponent(document.cookie),
      cookie_list = decodedCookie.split(';'),
      i, cookie;

  for(i = 0; i < cookie_list.length; i++) {
    cookie = cookie_list[i];
while (cookie.charAt(0) == ' ') {
    cookie = cookie.substring(1);
  }
  if (cookie.indexOf(name) == 0)
    return cookie.substring(name.length, cookie.length);
  }
  return '';
}

function redirect_to_full_search(keyphrase){
  var search_page_url,
      reflektion_selected_cookie = get_cookie('__rslct'); // read value of __rslct
cookie

  // Reflektion full search url
  if (reflektion_selected_cookie && reflektion_selected_cookie.indexOf('sp')>=0)
    search_page_url = 'REFLEKTION_FULL_PAGE_SEARCH_URI_INCLUDING_PARAMETERS';
  else // Existing full search url
    search_page_url = 'CUSTOMER_FULL_PAGE_SEARCH_URI_INCLUDING_PARAMETERS';

  //redirect to search_page_url
  window.location.href = search_page_url;
}
```

Full Page Search URLs in the `redirect_to_full_search` function above must also include the query parameters.

Example:

```
<script>
function get_cookie(cookie_name){
  var name = cookie_name + '=',
      decodedCookie = decodeURIComponent(document.cookie),
      cookie_list = decodedCookie.split(';'),
      i, cookie;

  for(i = 0; i < cookie_list.length; i++) {
    cookie = cookie_list[i];
while (cookie.charAt(0) == ' ') {
    cookie = cookie.substring(1);
  }
  if (cookie.indexOf(name) == 0)
    return cookie.substring(name.length, cookie.length);
  }
  return '';
}

function redirect_to_full_search(keyphrase){
  var search_page_url,
      reflektion_selected_cookie = get_cookie(' rslct'); // read value of rslct
cookie

  // Reflektion full search url
  if (reflektion_selected_cookie && reflektion_selected_cookie.indexOf('sp')>=0)
```



```
    search_page_url = '/rfksearch?q=' + keyphrase;
  else // Existing full search url
    search_page_url = '/search?q=' + keyphrase';

  //redirect to search_page_url
  window.location.href = search_page_url;
}
</script>
<script>
//customer's existing event handlers
function go_to_search_page(){
...
var keyphrase = //get text entered by the user into search input
redirect_to_full_search(keyphrase);
}

var input = document.getElementById('search');
input.addEventListener('keyup', function(event){
...
if (event.keyCode === 13)
  go_to_search_page();
...
});
</script>

<input data-rfkid="rfkid 6" />
<button onclick="go_to_search_page()">Search</button>
```