



Product Name: Odysseus Booking Engine

Odysseus Hotel Search Form Implementation

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Executive Summary

This document will detail the steps a user has to take to install the Hotel search form on their website. The document takes into account the search forms that are built by Odysseus and available via downloads section of the support site: <http://support.odysol.com>.

Key Notes:

Please note that the person installing these forms must have HTML/JavaScript knowledge and is assumed to be a web developer/designer.

Basic search form widget setup steps for Hotel Search Form

Step 1: Download the search form layouts from knowledgebase

The OFramework search form layouts are available in the knowledgebase of Odyssey Solutions. The layouts can be downloaded by using the below links

Hotel Search Form Layout:

<http://odysseus.helpserve.com/Knowledgebase/Article/View/117/0/odysseusnewlayout---search-form---hotel>

When you click on the above sample link you will be redirected to the online knowledgebase of Odyssey Solutions. If the following screen appears you must login first to gain access to the knowledgebase.



After successful login, you can download the layouts that are uploaded in ZIP format.

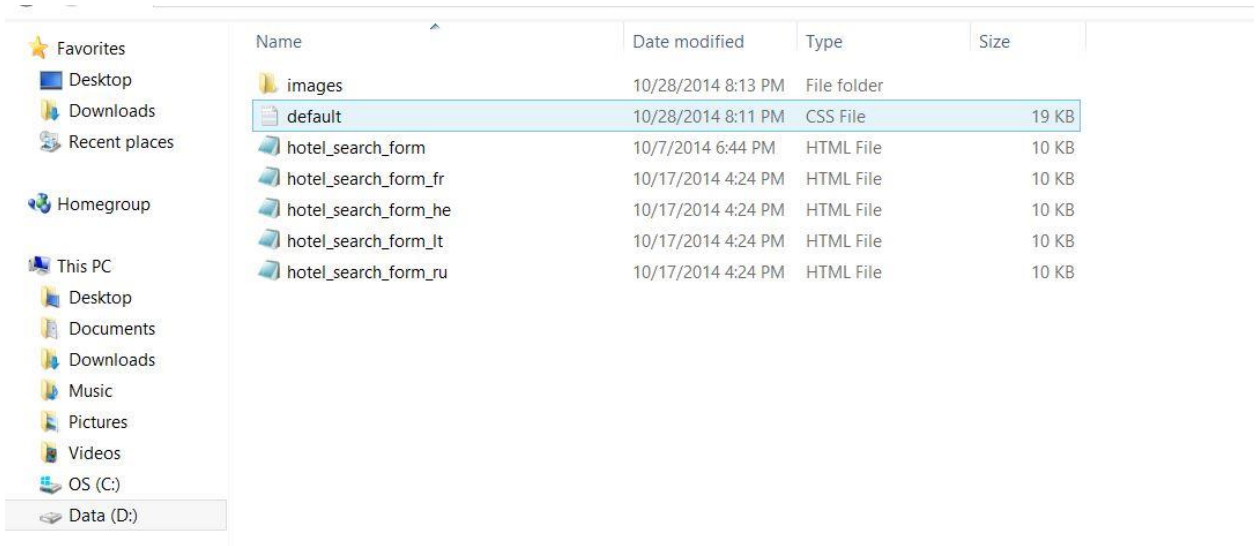
The screenshot shows a web browser window displaying a Kayako Knowledgebase article. The browser's address bar shows the URL: `odysseus.helpserve.com/Knowledgebase/Article/View/117/0/odysseusnewlayout---search-form---hotel`. The Kayako logo is at the top left. A navigation bar includes links for Home, View Tickets, Submit a Ticket, Knowledgebase, News, and Downloads. A search bar is located below the navigation bar. On the left, there is an 'Account' sidebar with links for My Profile, My Organization, Preferences, Change Password, Logout, and a Knowledgebase section with links for Administration (68), Downloads (13), and Booking Engine (73). The main content area is titled 'OdysseusNewLayout - Search Form - Hotel' and includes a description: 'This is the Odysseus New Search Form Layout in blue and orange theme, which is responsive and compatible with mobile devices. Hotel Only'. Below the description, there is an 'Attachments' section showing a file named 'hotel-odysseus-responsive-blue.zip (43.02 KB)'. There are also options to vote on the article (0 votes) and buttons for 'This article was helpful' and 'This article was not helpful'. At the bottom, there is a 'Comments (0)' section with a link to 'Post a new comment' and a text area for comments.

Step 2: Setup the Zip file

After downloading the Zip file, perform the following steps

1. Extract the Zip file.
2. Create a folder in root directory of your website – “OdyHotelSearch”.
3. Copy the contents of the “OdyResponsiveSearchForm-Blue-Hotel” folder derived from the extracted zip file to – “OdyHotelSearch”.

The final contents in the “OdyHotelSearch” should be as shown. Note, the # of files may change based on the file you download and languages supported. You cannot change the name of the files: hotel_search_form. You may change the layout inside these files but our JavaScript looks for the file by name and hence cannot be changed.



Name	Date modified	Type	Size
images	10/28/2014 8:13 PM	File folder	
default	10/28/2014 8:11 PM	CSS File	19 KB
hotel_search_form	10/7/2014 6:44 PM	HTML File	10 KB
hotel_search_form_fr	10/17/2014 4:24 PM	HTML File	10 KB
hotel_search_form_he	10/17/2014 4:24 PM	HTML File	10 KB
hotel_search_form_it	10/17/2014 4:24 PM	HTML File	10 KB
hotel_search_form_ru	10/17/2014 4:24 PM	HTML File	10 KB

Note: When you extract the Zip file, you will find a Sample HTML Page which is available there only for reference and understanding.

Note: Throughout this setup document, we have used “OdyHotelSearch” as folder name for reference and if you choose to rename the folder, please replace OdyHotelSearch with the folder name you have chosen in all future references.

Step 3: Create an ID

Identify the area on the home page where you want to load the search form and while loading the search form, create an ID “HotelSearchForm” for the search form as follows

1. To load the search form in the left corner of the home page: Refer the following code segment in the home page to load the search form in the left corner. Please note that the below code which you see is just for reference purpose only. Do not directly use it in your page.

```
<body>
<div class="main">
<h1>Sample page for Hotel Search Form Left Placement</h1>
<!--Header Start-->
<div class="header"><p>{ Header }</p></div>
<!--Header End-->
<!--Navigation start-->
<div class="navigation"><p>{ Navigation }</p></div>
<!--Navigation end-->

<!--Left Searchform Area start-->
<div class="left-searchform-area"><p>{ Left Searchform Area }</p>
<div id="HotelSearchForm"></div>
</div>
<!--Left Searchform Area end-->

<!--Right Searchform Area start-->
<div class="right-searchform-area"><p>{ Right Searchform Area }</p></div>
<!--Right Searchform Area end-->

<!--Promotion Area start-->
<div class="promotion-area"><p>{ Promotion Area }</p></div>
<!--Promotion Area end-->

<!--Left Searchform Area start-->
<div class="bottom-left-searchform-area"><p>{ Bottom Left Searchform Area }</p></div>
<!--Left Searchform Area end-->

<!--Right Searchform Area start-->
<div class="bottom-right-searchform-area"><p>{ Bottom Right Searchform Area }</p></div>
<!--Right Searchform Area end-->

<!--Footer start-->
<div class="footer"><p>{ Footer }</p></div>
<!--Footer end-->
```

The mockup of the search form when loaded in the left corner is as shown

Sample page for Hotel Search Form Left Placement

{ Header }

{ Navigation }

{ Left Searchform Area }

{ Right Searchform Area }

{ Promotion Area }

{ Bottom Left Searchform Area }

{ Bottom Right Searchform Area }

{ Footer }

Destination

Check In

12/26/2014

Check Out

12/27/2014

Rooms

1

Room #1

Adults

1

Children

-

Hotel Rating

All

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2. To load the search form in the right corner of the home page: Refer the following code segment in the home page to load the search form in the right corner. Please note that the below code which you see is just for reference purpose only. Do not directly use it in your page.

```
<body>
<div class="main">
<h1>Sample page for Hotel Search Form Right Placement</h1>
<!--Header Start-->
<div class="header"><p>{ Header }</p></div>
<!--Header End-->
<!--Navigation start-->
<div class="navigation"><p>{ Navigation }</p></div>
<!--Navigation end-->

<!--Left Searchform Area start-->
<div class="left-searchform-area"><p>{ Left Searchform Area }</p></div>
<!--Left Searchform Area end-->

<!--Right Searchform Area start-->
<div class="right-searchform-area"><p>{ Right Searchform Area }</p>
<div id="HotelSearchForm"></div>
</div>
<!--Right Searchform Area end-->

<!--Promotion Area start-->
<div class="promotion-area"><p>{ Promotion Area }</p></div>
<!--Promotion Area end-->

<!--Left Searchform Area start-->
<div class="bottom-left-searchform-area"><p>{ Bottom Left Searchform Area }</p></div>
<!--Left Searchform Area end-->

<!--Right Searchform Area start-->
<div class="bottom-right-searchform-area"><p>{ Bottom Right Searchform Area }</p></div>
<!--Right Searchform Area end-->

<!--Footer start-->
<div class="footer"><p>{ Footer }</p></div>
<!--Footer end-->

</div>
```

The mockup of the search form when loaded in the right corner is as shown

Sample page for Hotel Search Form Right Placement

{ Header }

{ Navigation }

{ Left Searchform Area }

{ Right Searchform Area }

{ Promotion Area }

{ Bottom Left Searchform Area }

{ Bottom Right Searchform Area }

{ Footer }

Destination

Check In

Check Out

Rooms

Adults

Children

Hotel Rating

3. To load the search form in the bottom-left corner of the home page: Refer the following code segment in the home page to load the search form in the bottom-left corner. Please note that the below code which you see is just for reference purpose only. Do not directly use it in your page.

```
<body>
<div class="main">
<h1>Sample page for Hotel Search Form Bottom Left Placement</h1>
<!--Header Start-->
<div class="header"><p>{ Header }</p></div>
<!--Header End-->
<!--Navigation start-->
<div class="navigation"><p>{ Navigation }</p></div>
<!--Navigation end-->

<!--Left Searchform Area start-->
<div class="left-searchform-area"><p>{ Left Searchform Area }</p></div>
<!--Left Searchform Area end-->

<!--Right Searchform Area start-->
<div class="right-searchform-area"><p>{ Right Searchform Area }</p></div>
<!--Right Searchform Area end-->

<!--Promotion Area start-->
<div class="promotion-area"><p>{ Promotion Area }</p></div>
<!--Promotion Area end-->

<!--Left Searchform Area start-->
<div class="bottom-left-searchform-area"><p>{ Bottom Left Searchform Area }</p>
<div id="HotelSearchForm"></div>
</div>
<!--Left Searchform Area end-->

<!--Right Searchform Area start-->
<div class="bottom-right-searchform-area"><p>{ Bottom Right Searchform Area }</p></div>
<!--Right Searchform Area end-->

<!--Footer start-->
<div class="footer"><p>{ Footer }</p></div>
<!--Footer end-->

</div>
```

The mockup of the search form when loaded in the bottom-left corner is as shown

Sample page for Hotel Search Form Bottom Left Placement

{ Header }

{ Navigation }

{ Left Searchform Area }

{ Right Searchform Area }

{ Promotion Area }

{ Bottom Left Searchform Area }

{ Bottom Right Searchform Area }

{ Footer }

Destination

Check In

12/26/2014

Check Out

12/27/2014

Rooms

1

Room #1

Adults

1

Children

-

Hotel Rating

All

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4. To load the search form in the right corner of the home page: Refer the following code segment in the home page to load the search form in the bottom-right corner. Please note that the below code which you see is just for reference purpose only. Do not directly use it in your page.

```
<body>
<div class="main">
<h1>Sample page for Hotel Search Form Bottom Right Placement</h1>
<!--Header Start-->
<div class="header"><p>{ Header }</p></div>
<!--Header End-->
<!--Navigation start-->
<div class="navigation"><p>{ Navigation }</p></div>
<!--Navigation end-->

<!--Left Searchform Area start-->
<div class="left-searchform-area"><p>{ Left Searchform Area }</p></div>
<!--Left Searchform Area end-->

<!--Right Searchform Area start-->
<div class="right-searchform-area"><p>{ Right Searchform Area }</p></div>
<!--Right Searchform Area end-->

<!--Promotion Area start-->
<div class="promotion-area"><p>{ Promotion Area }</p></div>
<!--Promotion Area end-->

<!--Left Searchform Area start-->
<div class="bottom-left-searchform-area"><p>{ Bottom Left Searchform Area }</p>
</div>
<!--Left Searchform Area end-->

<!--Right Searchform Area start-->
<div class="bottom-right-searchform-area"><p>{ Bottom Right Searchform Area }</p>
<div id="HotelSearchForm"></div>
</div>
<!--Right Searchform Area end-->

<!--Footer start-->
<div class="footer"><p>{ Footer }</p></div>
<!--Footer end-->

</div>
```

The mockup of the search form when loaded in the bottom-right corner is as shown

Sample page for Hotel Search Form Bottom Right Placement

The mockup shows a page layout with the following sections:

- { Header }**: A dark blue header bar.
- { Navigation }**: A blue navigation bar.
- { Left Searchform Area }**: A large blue rectangular area on the left.
- { Right Searchform Area }**: A large blue rectangular area on the right.
- { Promotion Area }**: A blue bar spanning the width of the page below the searchform areas.
- { Bottom Left Searchform Area }**: A dark blue rectangular area in the bottom left.
- { Bottom Right Searchform Area }**: A blue rectangular area in the bottom right, containing a detailed search form example.
- { Footer }**: A dark blue footer bar.

The search form example in the Bottom Right Searchform Area includes the following fields:

- Destination:
- Check In:
- Check Out:
- Rooms: **Room #1**
- Adults:
- Children:
- Hotel Rating:
- SEARCH** button

To view the above sample page and loaded search form: [Click Here](#)

Step 4: Configure the search form on home page

In the html file of the home page following changes needs to be done to render the search form in the home page at the desired location. The changes to be made are as follows

1. In the html file of the home page in the <head> element input the following java script

```
<script type="text/javascript" language="javascript" id="OFrameworkJS" ThemeURI="
OdyHotelSearch/ " SkinID="default"
src="https://demo64.odysol.com/web/SearchForms/OFramework.js" ></script>
```

Note: you will change demo64.odysol.com to the domain that is setup with Odysseus. If you use demo64.odysol.com, please change https to http but for production usage you must use https.

Very important- Instructions for the above java script

- Always keep the id="OFrameworkJS", script type="text/javascript" and language="javascript", Do not change the id, script type and language variable else the search form will not work.
- Change the src= URL to https://
demo64.odysol.com/web/SearchForms/OFramework.js -- where
demo64.odysol.com is your domain setup with Odysseus.

Note: you must change demo64.odysol.com to the domain that is setup with Odysseus.

- ThemeURI -This tells our code where to load the core template from. This should be a relative path.
 As you have placed the HTML file in the root directory, you have placed the folder in that same directory (Hence the ThemeURI= "OdyHotelSearch/"). If you have the HTML file in some other folder or if you change the path of that folder, please update the path appropriately for search form.
- In the OdyHotelSearch folder, the name of css file is "default.css" so the value of SkinID= "default". If the user changes the name of the css file then it should be updated in the java script. The value of the skinID is also relative to search form folder.

2. At the bottom of the home page i.e. towards the end but inside the <body> tag of the home page html file, use the following java script

```
<script language="javascript" type="text/javascript">
  if (OFramework != null)
  {
```

```

OFramework.QSParams.Add("siid", "yoursiteitemid");
OFramework.QSParams.Add("referrer", "testing query string add");
oHForm =
    OFramework.HotelSearchForm(document.getElementById("HotelSearchForm"));
oHForm.Target = "_new";
}
</script>

```

The java script is divided into following steps

1. Initialize Odysseus Search Widget with your siteitemid and other configuration parameters

```

OFramework.QSParams.Add("siid", "yoursiteitemid");
OFramework.QSParams.Add("referrer", "testing query string add");

```

Example:-

```

OFramework.QSParams.Add("siid", "1");
OFramework.QSParams.Add("referrer", "Google")

```
2. Render search form into your page

```

(oHForm =
OFramework.HotelSearchForm(document.getElementById("HotelSearchForm"
)))

```

Note: Before rendering search form, you need to ensure that you set proper siid as mentioned in step 1 otherwise search widget would not get rendered.
3. Setup advanced properties like target etc.

```

(oHForm.Target = "_new");

```

To view the working sample of the OFramework Hotel Search Form: [Click Here](#)

Very important- Instructions for the above java script

1. In the java script code shown below change **yoursiteitemid** with your valid siid (Siid is the Odysseus generated ID for each website/affiliate - unique per site and numeric), This change is mandatory

OFramework.QSParams.Add("siid", "yoursiteitemid");

2. The instruction for the code

OFramework.QSParams.Add("referrer", "testing query string add");

This parameters in the above code needs to be updated with the referrer name and query string, when the search form is used in many websites, be sure to remove this or set the right value here,(For e.g.

OFramework.QSParams.Add("referrer", "GOOGLE"); where Google is the value you want us to track and save when the booking is completed. That is free form text with max value of 20. You can leave it blank if you like and this is optional.)

3. The instruction for the code

oHForm =

OFramework.HotelSearchForm(document.getElementById("HotelSearchForm"));

In the <body> tag of the home page html file where the search form needs to be placed, we have already created an ID so use that exact same ID in the java script above (E.g. here “HotelSearchForm” ID which was configured above is used).

4. Use the code mentioned below if you would like the search results to be launched in a new browser

oHForm.Target = "_new";

Advanced search form widget setup steps for Hotel Search Form

There are many other changes which can be done in the Hotel search form. The changes are as follows

- In the java script to be placed at the bottom of the <body> tag in the home page html file, following are the code changes which can be made to achieve specific purposes

- a. **For language setup**, include the following code in the java script mentioned above

OFramework.Culture = new OFramework.Globalization.CultureInfo("1"); -> 1
is for English

Languages supported and their values supported:

Language – ID -- Code

French – 3 – fr

Spanish – 4 – es

Lithuanian – 5 –lt

Russian – 6 – ru

English (UK) – 7 – gb

Bulgarina – 8 –bg

Hebrew – 9 – he

German – 10 – de

Itanlian – 11 – it

Portuguese – 12 – pt

Arabic – 13 – ar

Chinese – 14 – chs

Example: if it's Hotel search form then English version of this search form will be named as Hotel_search_form.html and a separate Hebrew version of this search form will be named as Hotel_search_form_he.html for the search form to be displayed in the desired language where "he" is the code for that particular language and it should be used in naming the Hebrew version of search form.

If you want to setup the Booking Engine to show Spanish - please set:

OFramework.Culture = new OFramework.Globalization.CultureInfo("4"); ("4" → Spanish) in the java script mentioned above and the new search form created will be Hotel_search_form_es.html

Note: this information should be placed in the HTML file **above** the line that loads the search form i.e. step 2 highlighted by blue color in the java script breakdown mentioned above.

- There are some advance level setups which can be achieved by changing the below mentioned particular set of codes in the "Hotel_search_form.html". The setups are as follows

- For Changing the calender layout:** In the Hotel_search_form.html file, find the **<OFramework:DateInput** tag, then update the code with the calender layout of your choice with the appropriate calender layout options, The options are as shown

CalendarLayout="2|1" - this is the default value. This means, 2 columns, 1 row. The calendar by default will show current month plus 1 month on 1 row.

4|1 - this will show 4 months on 1 row.

2|2 - this will show 2 months on 2 rows, totally showing 4 months.

The mock up for 2|2 is as shown

The mockup shows a flight search interface. At the top, there are four input fields: "2014/12/03", "Anytime", "2014/12/10", and "Anytime". Below these is a "0 Seat Infant" field. The main section is a calendar grid with four months: December 2014, January 2015, February 2015, and March 2015. The calendar is displayed in a 2x2 grid. The days of the week are listed at the top of each month. The dates are arranged in rows. A "Search Flights" button is located at the bottom right of the calendar grid. There are also checkboxes for "Select flights" and "Nearby airports".

Update the code in the Hotel_search_form.html file as shown below

For Round Trip search option:

```
<OFramework:DateInput id="FromDate" tabindex="3"
```

```
CalendarLayout="2|2"></OFramework:DateInput>
```

```
<OFramework:DateInput id="ReturnDate" tabindex="5"
```

```
CalendarLayout="2|2"></OFramework:DateInput>
```

For Multicity search option:

```
<OFramework:DateInput id="FlyDate_0" tabindex="3"  
CalendarLayout="1|1"></OFramework:DateInput>
```

- b. **To add hint text as part of the search form:** In the hotel_search_form.html file, find the following code: `<OFramework:HintInput id="Destination" hinttext="City, Location or Airport(Any one)" itemTemplate="name" listHeight="10" listWidth="430px" tabindex="1"></OFramework:HintInput>`

For other changes refer the “**Other Code Changes**” section below

Other Code Changes

The other changes that can be achieved by editing the “hotel_search_form” are as follows

1. For the code that starts with <OFramework:Input tag (Sample: <OFramework:Input id="From" datasource="Airports" itemTemplate="[id] name, country" listClass="airports" listWidth="250px" tabindex="1"></OFramework:Input>), the instructions that are to be followed so that the changes can be achieved are as follows
 - a. Do not change “id” variable in any tags that appears in the code.
 - b. Do not change the **Alphabetic case** of any of the OFramework tags, attributes and their values. Let’s say datasource=“Airports”, if you use “airports” instead of “Airports”, it won’t work.
 - c. Do not change “datasource” variable in any tags that appears in the code.
 - d. “listClass” is an additional class used to manage the css styling when the list of airports are popped up in the search form, it is optional.
 - e. “listWidth” is the value in which the admin can set the width of the particular input field in the search form, preset value is 250px.
 - f. “ItemTemplate” variable is used to set the format for the value of the input field which appears in the form of popup, the preset value is [id] name, country i.e. [MIA] Miami, US. It can be set in format of name [id], country or country name, [id] or any other combination.
 - g. “tab index” value is optional and can be set as per the choice of the admin(Tab Index is the order in which user can navigate to different input fields when tab key is pressed on keyboard)
2. For the code that starts with <OFramework:Dateinput (Sample:<OFramework:DateInput id="FromDate" tabindex="3" CalendarLayout="1|1"></OFramework:DateInput>), the instructions that are to be followed so that the changes can be achieved are as follows
 - a. Do not change “id” variable in any tags that appears in the code.
 - b. “tab index” value is optional and can be set as per the choice of the admin (Tab Index is the order in which user can navigate to different input fields when tab key is pressed on keyboard).
 - c. The value of “CalendarLayout ” is “1/1” by default and can be set as per the choice of the admin. Please refer Calender layout setup change above.

3. For the code that starts with <OFramework:Dropdownlist (Sample: <OFramework:DropDownList id="FromTime" listWidth="130px" listClass="othercombo" tabindex="4">), the instructions that are to be followed so that the changes can be achieved are as follows
- Do not change "id" variable in any tags that appears in the code.
 - "tab index" value is optional and can be set as per the choice of the admin (Tab Index is the order in which user can navigate to different input fields when tab key is pressed on keyboard)
 - "listWidth" is the value in which the admin can set the width of the particular dropdown list in the search form, preset value is 130px.
 - "listClass" is an additional class used to manage the css styling when the list of airports are popped up in the search form, It is optional.
 - The name of the item inside the dropdown list can be changed by changing the highlighted option as shown
<item id="mo" name="Morning"></item>