

addaJet.com

jQuery Search-box Integration

addaJet v3 search-box integration version 3.1.1

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Contents

What is addaJet?	1
Prerequisites.....	2
Developer Prerequisites.....	2
Prerequisite Scripts	2
jQuery	2
jQuery UI.....	2
Integration	3
Including the Prerequisite Scripts.....	3
Including jQuery	3
Including jQuery UI.....	3
Including the addaJet Scripts	4
Integration Examples	5
Customization.....	6
jQuery UI Customization	6
addaJet Search-box Customization	6
Styling	6
Options and Settings	7
Important Settings.....	10

What is addaJet?

addaJet is an innovative online booking engine software that brings the power of dynamic packaging right to your website.

addaJet combines in a single experience all the online travel products: scheduled, low cost and charter flights to accommodation (like hotel, villa, B&B), and inbound services such as airport transfers, activities, tours and excursions. This is done using either your own inventory or through third part suppliers.

addaJet is unique in its way since it bundles travel products together right onto your own website, allowing you to sell more and directly to your clients. Finally this is the booking engine software that will augment your marketing efforts and yield the results that you need for your ecommerce strategy.

Prerequisites

Before actually attempting to include the jQuery search-box in your web application, you should see that you have all the prerequisites.

In order to implement the search-box, one requires the addaJet website ID which is passed to the API for identification purposes and to load results respectively. Should you have not yet received the website ID, kindly contact us by phone on +356 22019 888 or by sending an email to support@addajet.com

Developer Prerequisites

What is required from the developer integrating this search-box is basic knowledge of HTML and JavaScript.

Prerequisite Scripts

jQuery

jQuery is a fast and concise JavaScript Library that simplifies HTML document traversing, event handling, animating, and Ajax interactions for rapid web development.

In order to include the search-box in your web application, if you do not have the jQuery JavaScript Library included, you would need to include the jQuery JavaScript file, ideally version 1.8.2 or higher.

Website URL: <http://jqueryui.com/>

jQuery UI

jQuery UI is a curated set of user interface interactions, effects, widgets, and themes built on top of the jQuery JavaScript Library.

If your web application does not already make use of jQuery UI, you would need to include the jQuery UI Scripts and Styles, ideally version 1.9.0 or higher.

Website URL: <http://jquery.com/>

Integration

Including the Prerequisite Scripts

If you already have the jQuery and jQuery UI JavaScript and CSS files included in your web application, you can skip this section completely.

Including jQuery

There are two different methods of including the jQuery JavaScript Library:

Method 1: Include the JavaScript file by downloading it to your web application

1. Visit <http://www.jquery.com>
2. Download the latest jQuery JavaScript File
3. Include the downloaded file in your web application:
`<script src="[path-to-your-file]/jquery-1.8.2.min.js "> </script>`

Method 2: Include the JavaScript file from a hosted CDN (such as the Google CDN)

1. Visit <https://developers.google.com/speed/libraries/devguide#jquery>
2. Include the hosted file in your web application:
`<script src="//ajax.googleapis.com/ajax/libs/jquery/1.8.2/jquery.min.js"> </script>`

Including jQuery UI

There are two different methods of including the jQuery UI Scripts and Styles, you can select a theme which best matches the design of your web application or you can design a custom theme before downloading.

Method 1: Include the JavaScript file by downloading it to your web application

1. Visit <http://jqueryui.com>
2. Download the latest jQuery UI Files (JavaScript and CSS)
3. Include the downloaded files in your web application:
`<link href="[path-to-your-file]/jquery-ui.css" rel="stylesheet" />`
`<script src="[path-to-your-file]/jquery-ui.min.js"> </script>`

Method 2: Include the JavaScript file from a hosted CDN (such as the Google CDN)

1. Visit <https://developers.google.com/speed/libraries/devguide#jquery-ui>
2. Include the hosted file in your web application:

```
<link  
href="http://ajax.googleapis.com/ajax/libs/jqueryui/1.9.0/themes/smoothness/jqueryui.css"  
rel="stylesheet" />  
<script src="//ajax.googleapis.com/ajax/libs/jqueryui/1.9.0/jquery-ui.min.js"></script>
```

Note that you can select one of the following themes: base, black-tie, blitzer, cupertino, dark-hive, dot-luv, eggplant, excite-bike, flick, hot-sneaks, humanity, le-frog, mint-choc, overcast, peppergrinder, redmond, smoothness, south-street, start, sunny, swanky-purse, trontastic, ui-darkness, ui-lightness, and vader.

Including the addaJet Scripts

Apart from the prerequisite scripts, all that's required for the addaJet search-box integration is one JavaScript file, one CSS file, a script to initialize the search-box and the Website ID. By following the next 4 steps, you can have the addaJet search-box up and running in a couple of minutes.

1. Include the CSS file:

```
<link href="http://api.direct-reservation.net/search/1.3/jquery.addajet.search.min.css" rel="stylesheet" />
```

The CSS file contains the default style of the addaJet search-box, these styles can all be overridden as shown in the sections that follow.

2. Include the JavaScript File:

```
<script src="http://api.direct-reservation.net/search/1.3/jquery.addajet.search.min.js"></script>
```

The JavaScript file contains all the code that generates the search-box in a given container. It also contains a set of options which can be overridden in the initialization script.

3. Create the search-box container:

```
<div id="addaJetSearchBox"></div>
```

The search-box container will be the container where the addaJet search-box will be generated. Place this container where you wish to display the search-box on your web application.

4. Add the initialization script: (with the required options)

```
<script>  
$(document).ready(function () {
```

```
$( "#addaJetSearchBox" ).search({  
    websiteID: [your-website-ID],  
    combinations: [  
        "accommodation",o  
        "accommodationFlight"  
    ]  
});  
});  
</script>
```

The initialization script only requires the website ID and a list of the combinations to show in the search-box.

More settings and options can be added, these are described in more details in the sections that follow.

The combinations that can be passed in the list of combinations are:

- accommodation
- accommodationFlight
- flight
- transfer
- tour

If you have these modules in addaJet, the search will work but if not, it will result in an error.

Integration Examples

With this document you should have received 7 HTML example documents which will assist you in the integration process.

Customization

jQuery UI Customization

The jQuery UI components used in the addaJet search-box (Datepicker and Autocomplete) are fully customizable. You can visit <http://jqueryui.com/themeroller> in order to create and customize a theme for the jQuery UI components or you can download one of the pre generated themes: base, black-tie, blitzer, cupertino, dark-hive, dot-luv, eggplant, excite-bike, flick, hot-sneaks, humanity, le-frog, mintchoc, overcast, pepper-grinder, redmond, smoothness, south-street, start, sunny, swanky-purse, trontastic, ui-darkness, ulightness, and vader.

As already mentioned earlier, if your website already makes use of jQuery UI and you already have a selected theme included, you do not need to include a new instance of jQuery UI.

addaJet Search-box Customization

The addaJet search-box is very customizable, both in terms of style and generation options. With basic knowledge of CSS, you can style the search-box to match your web application and with setting a few options, you can set settings and options for the generation of the search-box

Styling

The addaJet search-box comes with a default style which includes the style for the tabs. The searchbox will always stretch to the width of its container, so if you would like to set the width of the searchbox, you can achieve this by adding a fixed width container for example:

```
<div style="width: 300px">
  <div id="addaJetSearchBox"></div>
</div>
```

Each element generated by the script can be styled by simply adding an 'Internal Style Sheet' for example, if you want to set the color of all the labels in the generated search-box to blue, you would add the following code:

```
<style>
  .searchBoxContainer label {
    color: #0094ff;
  }
</style>
```

And if you would like to change the background color or the generated search-box and the background color of the tabs, you would do something like this:

```
<style>
    .searchBoxContainer .searchBoxInnerContainer {
        background: #d6e1fb;
    }

    .searchBoxContainer .moduleTabs .current, .searchBoxContainer .moduleTabs
        .current:hover { background: #d6e1fb; color: #0094ff;
    }
</style>
```

In the search-box examples, there are two versions of the search-box which are styled differently and contain different options.

Options and Settings

There are various settings and options that can be used to customize and set the addaJet search-box, these can be set in the initialization script. The addaJet settings and options consist of:

```
websiteID: null,
combinations: [
    "accommodation",
    "accommodationFlight",
    "flight",
    "transfer",
    "tour"
],
settings: {
    languageCode: "EN",
    currencyCode: "EUR",
    showLabels: true,
    showCodes: true,
    resultsInNewTab: true,
    isRTL: false,
    datePicker: {
        minimimNights: 1,
        minimumDate: 0,
        months: 2,
        format: "dd/mm/yy",
        fillDates: true
    },
    accommodation: {
        showEstablishments: true
    }
},
groups: {
    accommodation:
    {
        maxGroups: 9,
```



```

        maxAdults: 4,
        maxChildren: 3,
        maxChildAge: 17
    },
    accommodationFlight: {
        maxGroups: 3,
        maxAdults: 4,
        maxChildren: 3,
        maxChildAge: 17
    },
    flight: {
        maxAdults: 9,
        maxChildren: 3,
        maxChildAge: 17
    },
    transfer: {
        maxAdults: 50,
        maxChildren: 10,
        maxChildAge: 13
    },
    tour: {
        maxAdults: 50,
        maxChildren: 10,
        maxChildAge: 13
    }
},
languages: {
    searchBox: {
        combinations: {
            accommodation: "Accommodation",
            accommodationFlight: "Accommodation + Flight",
            flight: "Flight",
            transfer: "Transfer",
            tour: "Tour"
        },
        modules: {
            accommodation: {
                establishment: "Establishment",
                dateFrom: "Check-in",
                dateTo: "Check-out",
                numberOfGroups: "Number of Rooms",
                numberOfGroupsNumbers: ["1 Room", "2 Rooms", "3 Rooms", "4 Rooms", "5 Rooms", "6 Rooms", "7
Rooms", "8 Rooms", "9 Rooms"],
                groupNumbers: ["Room 1", "Room 2", "Room 3", "Room 4", "Room 5", "Room 6", "Room 7", "Room 8",
"Room 9"],
                adults: "Adults",
                children: "Children",
                childrenAges: "Children Ages",
                checkAvailability: "Check Availability",
                promoCode: "Promo Code",
                agencyCode: "Agency Code",
                agencyUsername: "Agency Username",
                agencyPassword: "Agency Password"
            },
            accommodationFlight: {
                establishment: "Establishment",

```

```

    originAirpot: "Origin Airport",
    destinationAirpot: "Destination Airport",
    dateFrom: "Check-in",
    dateTo: "Check-out",
    numberOfGroups: "Number of Rooms",
    numberOfGroupsNumbers: ["1 Room", "2 Rooms", "3 Rooms", "4 Rooms", "5 Rooms", "6 Rooms", "7
Rooms", "8 Rooms", "9 Rooms"],
    groupNumbers: ["Room 1", "Room 2", "Room 3", "Room 4", "Room 5", "Room 6", "Room 7", "Room 8",
"Room 9"],
    adults: "Adults",
    children: "Children",
    childrenAges: "Children Ages",
    checkAvailability: "Check Availability",
    promoCode: "Promo Code",
    agencyCode: "Agency Code",
    agencyUsername: "Agency Username",
    agencyPassword: "Agency Password"
},
flight: {
    originAirpot: "Origin Airport",
    destinationAirpot: "Destination Airport",
    dateFrom: "Departure Date",
    dateTo: "Return Date",
    adults: "Adults",
    children: "Children",
    childrenAges: "Children Ages",
    checkAvailability: "Check Availability"
},
transfer: {
    options: {
        oneWay: "One Way",
        withReturn: "With Return"
    },
    ports: "Ports",
    establishments: "Establishments",
    pickupLocation: "Pickup Location",
    dropOffLocation: "Drop Off Location",
    dateFrom: "Pickup Date",
    dateTo: "Return Date",
    adults: "Adults",
    children: "Children",
    childrenAges: "Children Ages",
    checkAvailability: "Check Availability",
    promoCode: "Promo Code",
    agencyCode: "Agency Code",
    agencyUsername: "Agency Username",
    agencyPassword: "Agency Password"
},
tour: {
    options: {
        tours: "Tours",
        themes: "Themes"
    },
    tours: "Tours",
    allTours: "All Tours",
    themes: "Themes",

```

```

    allThemes: "All Themes",
    dateFrom: "Min Date",
    dateTo: "Max Date",
    adults: "Adults",
    children: "Children",
    childrenAges: "Children Ages",
    checkAvailability: "Check Availability",
    promoCode: "Promo Code",
    agencyCode: "Agency Code",
    agencyUsername: "Agency Username",
    agencyPassword: "Agency Password"
  }
}
}
}

```

Important Settings

1. Settings

The search-box can accept different settings depending on the user's choices for example:

- You can set the search's 'languageCode' and 'currencyCode', these will then reflect the result's page.
- You can choose to show the results either a new browser tab or in the same tab by setting 'resultsInNewTab' to either 'true' or 'false'.
- You can choose not to show the labels next to the textboxes by setting 'showLabels' to either 'true' or 'false'.

Here is an example of an initialization script with different settings:

```

<script>
$(document).ready(function () {
  $("#addaJetSearchBox").search({
    websiteID: [your-website-ID],
    combinations: [
      "accommodation",
      "accommodationFlight"
    ],
    settings: {
      languageCode: "EN",
      currencyCode: "GBP",
      showLabels: false,
      resultsInNewTab: false
    }
  });
});
</script>

```

2. Text and Languages

You can change the text for each element in the search-box, this can also be used when your website is multi-lingual, when you change the language in your website, you can also change the text of the addaJet search-box.

Here is an example of an initialization script with the text options overridden for the accommodation module:

```
<script>
$(document).ready(function() {
    $("#addaJetSearchBox").search({
        websiteID: 63,
        combinations: [
            "accommodation"
        ],
        languages: {
            searchBox: {
                modules: {
                    accommodation: {
                        establishment: "Hotel",
                        dateFrom: "Check-in",
                        dateTo: "Check-out",
                        numberOfGroups: "Number of Rooms",
                        numberOfGroupsNumbers: ["1 Room", "2 Rooms", "3 Rooms ", "4
Rooms ", "5 Rooms ", "6 Rooms ", "7 Rooms ", "8 Rooms ", "9 Rooms "],
                        groupNumbers: ["Room 1 ", "Room 2 ", "Room 3 ", "Room 4 ", "Room 5
", "Room 6 ", "Room 7 ", "Room 8 ", "Room 9 "],
                        checkAvailability: "Search Now!"
                    }
                }
            }
        }
    });
});</script>
```

3. Combinations

It is important to pass the list of possible combinations in the initialization script. This will allow you to select the different tabs the search-box will have, for example: 'Accommodation' and 'Accommodation + Flight' or 'Accommodation' and 'Flight Only'.

4. Module Group Settings

Each module combination has its respective settings for groups, these include the maximum number of groups for that module combination (in the case of accommodation and accommodation and flight), the maximum number of adults, the maximum number of children and the maximum child age.

By default, each module combination has its settings, but you can override these settings for each implementation, here is an example of how to override the accommodation group options:

```
<script>
$(document).ready(function () {
    $("#addaJetSearchBox").search({
        websiteID: 1,
        combinations: [
            "accommodation",
            "accommodationFlight"
        ],
        groups: { accommodation: {
            maxGroups: 3,
            maxAdults: 2,
            maxChildren: 2
        }
    }
});
});
</script>
```