

Reservations Gateway Inc

CMB - Booking Engine Implementation

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Contents

Booking Engine (BEC) Files	3
main.html	3
Js folder	3
Images folder	3
css folder	3
Booking Engine Implementation steps	4
Step 1	4
Step 2	4
Step 3	8
Step 4	12
Step 5	13
Modifications to the booking engine layout.....	17

Booking Engine (BEC) Files

File structure of the Booking engine will be as shown in figure 1.0 and needs to be stored in the root folder of any server the Booking Engine is hosted in.



Figure 1.0 File structure of Booking Engine

main.html

Existing BEC front end representation is stored in this file, when implemented into an existing third party html the structure in this html needs to be followed, not adhering to this will cause BEC to not meet its requirements. Main consideration should be given to content inside following code inside the “form” tag which needs to remain as it unless the BEC representation needs to change. Other html, js files should not be changed at any given instance, if such is required or has conflicts please contact Rezgateway for assistance.

```
<form name="form1" method="post" action="" id="form1" >
```

Js folder

Stores all Javascript files related to BEC, at no given instance should the contents inside this folder or its Javascript files be changed or removed from its default location unless its references are changed from code.

Images folder

Stores all images represented in the BEC.

css folder

Stores all css files of the BEC, these files can be changed if a different BEC layout is required else its advisable to keep the files unchanged.

Booking Engine Implementation steps

Step 1

Copy provided files to root folder of the server, not changing existing structure of the folders or its folder names.

Step 2

If BEC is integrated into a third party html without the use of an iframe, following steps should be followed. Open **"main.html"** copy content from following line of code below and place before closing the **</head>**.

```
<link href="css/ui-lightness/jquery-ui-1.8.10.custom.css" rel="stylesheet"
type="text/css"/>
<link href="css/style.css" type="text/css" rel="stylesheet" media="screen" />
<link type="text/css" href="css/jquery-ui-1.8.16.custom.css" rel="stylesheet" />
<link rel="stylesheet" type="text/css" media="all" href="css/whhg.css" />
<link type="text/css" href="css/font-awesome.css" rel="stylesheet" />
<link type="text/css" href="css/reset.css" rel="stylesheet" />
<script type="text/javascript" src="js/jquery-1.7.js"></script>
<script type="text/javascript" src="js/jquery-ui-custom.min.js"></script>
<script type="text/javascript" src="js/sidjs-0.1.js"></script>
<script type="text/javascript" src="js/jquery.validator.js"></script>
<script type="text/javascript" src="../../js/controller.js"></script>
<script type="text/javascript" src="js/jquery.cookie.js"></script>
<script type="text/javascript" src="js/scripts.js?v=1"></script>
<script type="application/javascript">
/* This service offers a REST API allowing to get a visitor IP address and to query
location information from any IP address.
It outputs JSON-encoded IP geolocation data, and supports both JSON and JSONP. */

$(document).ready(function() {
    $.ajax({
        url : 'http://www.telize.com/geoip',
        method : 'post',
        data : {callback: "loadClientDetails"},
        dataType: "text",
        success: function(data){
            eval(data);
        }
    });
});

function loadClientDetails(data){
    $('#ipAddress').val(data.ip);
    $('#clientCountryCode').val(data.country_code);
}
</script>
<script>
var subURL="../../";
```

```

$(document).ready(function() {
    affiliateTimer();
    try{
        //$("#tabs").tabs()
        //loadTab();

        setTimeout(function(){
loadTab();
        },10);
        // $("#tabs").tabs().addClass('ui-tabs-vertical ui-helper-clearfix');
        // $("#tabs li").removeClass('ui-corner-top').addClass('ui-corner-left');
        $("#ribbon").removeClass('ui-corner-all').addClass('ui-corner-top');
    }catch(e){
        alert(e);
    }

    try{
        var w = getUrlVars()["wjt"];
        var wjtname = w.split("wj_")[1];
        bec_name = "bec_container_frame_"+ wjtname;
    }catch(e){}
});

function createXMLHttpRequest() {
    try{ return new ActiveXObject("Msxml2.XMLHTTP");} catch (e) {}
    try{ return new ActiveXObject("Microsoft.XMLHTTP");} catch (e) {}
    try{ return new XMLHttpRequest(); }catch (e) {}
    return null;
}

function loadTab(){
    var portal= $('#portal').val();
    var appProdDefProdCookie = $.cookie( portal+'_app_prod_def_prod' );

    if(appProdDefProdCookie ==null || appProdDefProdCookie =='' ||
appProdDefProdCookie == undefined) {
        var product = "F";
        var reservationProduct = "VFHACTP";

        $(document).ready(function(){
            $.ajax({
                url : 'http://cmb-
web.happybookings.com/cmbviptravelReservations/ComponentSupportAction.do?method=getDe
faultProduct',
                method : 'post',
                data : {
                    method : "getDefaultProduct",
                    transectionId : $('#transectionId').val()
                },
                dataType: "text",
                success: function(data){
                    var defaultProductList = eval(data);
                    if (defaultProductList.length > 0) {

```

```

                                product =
defaultProductList[0].default_product;
                                reservationProduct =
defaultProductList[0].reservation_product;

                                /**Setting defalut tab and loading
reservation product here*/

                                $.cookie(portal+'_app_prod_def_prod',JSON.stringify(defaultProductList[0]));
                                initTabs(defaultProduct(product))
                                setTabs(reservationProduct);

                                $.cookie(portal+'_reservation_prod',reservationProduct);
                                }
                                }
                                });
                                });
}else{
    appProdDefProdCookie = JSON.parse(appProdDefProdCookie);
    var selectedProduct = 'H';
    try{
        var selectedProduct =
window.location.toString().split('?')[1].split('product=')[1];
    }catch(e){}

    initTabs(selectedProduct != '' ? selectedProduct :
defaultProduct(appProdDefProdCookie.default_product));
    setTabs(appProdDefProdCookie.reservation_product);

    $.cookie(portal+'_reservation_prod',appProdDefProdCookie.reservation_product);
}
}

function setTabs(products){

    if(products.indexOf('V')== -1){
        $("#vLi").hide();
    }
    if(products.indexOf('F')== -1){
        $("#fLi").hide();
    }
    if(products.indexOf('H')== -1){
        $("#hLi").hide();
    }
    if(products.indexOf('A')== -1){
        $("#aLi").hide();
    }
    if(products.indexOf('C')== -1){
        $("#cLi").hide();
    }
    if(products.indexOf('T')== -1){
        $("#tLi").hide();
    }
    if(products.indexOf('P')== -1){

```

```
        $("#pli").hide();
    }
}
function defaultProduct(product){
    var tab = 0;
    switch (product){
        case 'F': tab = 0; break;
        case 'H': tab = 1; break;
        case 'C': tab = 2; break;
        case 'T': tab = 3; break;
        case 'A': tab = 4; break;
        case 'V': tab = 5; break;
        case 'P': tab = 6; break;
    }
    return tab;
}

function affiliateTimer(){
    try{
        //console.log($('#partnerType').val());
        if('AFF'==$('#partnerType').val()){
            try{$('#.discountcoupon').hide();}catch(e){}
            try{$('#promotionCodeDiv_F').hide();}catch(e){}

        }else{
            try{$('#.discountcoupon').show();}catch(e){}
            try{$('#promotionCodeDiv_F').show();}catch(e){}
        }
    }catch(e){}
    setTimeout('affiliateTimer()',1000);
}
</script>
```

Step 3

Place following code snippet after opening `<body>` tag, also note these files will not cause any issues for a third party html if all js and css files are reference as mentioned in step 2.

```
<body onload="fillForm('I');resizeContainer();" >
<div class="disablebg" id="disablebg"></div>

<div id="mm" style="position: absolute;background-color: white;z-index: 1500;top:
0;left: 0;"></div>
<script>
try{

var screenH =0;
if(navigator.appName=='Netscape'){
    screenH = window.innerHeight || document.body.offsetHeight;
}else{
    screenH = document.documentElement.clientHeight;
}
var screenW = document.documentElement.clientWidth;
//alert(screenW+"-"+screenH)
document.getElementById('mm').style.height = screenH+"px";
document.getElementById('mm').style.width = screenW+"px";

}catch(e){
    alert(e);
}
</script>
<div id="dialogs" style="display:none" title="Error"> Sorry we cannot provide you
with any travel options. Please change your travel duration for a period less than
31days </div>
<div id="dialogs2" style="display:none" title="Error"> Sorry we cannot provide you
with any travel options. Please change your travel duration for a period greater than
2days </div>
<div id="dialogs3" style="display:none" title="Error"> Please select two different
locations for arrival & departure </div>
<form name="ResPkgSearchForm" id="ResPkgSearchForm" method="post" action=""
target="_parent">
    <input type="hidden" id="isFlexSearch" name="isFlexSearch"/>
    <input type="hidden" id="discountCouponNo" name="discountCouponNo" />
    <input type="hidden" id="place" name="place" />
    <input type="hidden" id="transectionId" name="transectionId" />
    <input type="hidden" id="engLoaded" name="engLoaded" value="" />
    <input type="hidden" id="checkInDate" name="checkInDate" />
    <input type="hidden" id="selectedHotelRideCode" name="selectedHotelRideCode" />
    <input type="hidden" id="checkOutDate" name="checkOutDate" />
    <input type="hidden" id="checkInTime" name="checkInTime" />
    <input type="hidden" id="checkOutTime" name="checkOutTime" />
    <input type="hidden" id="cityCode" name="cityCode" />
    <input type="hidden" id="cityName" name="cityName" />
    <input type="hidden" id="countryCode" name="countryCode" />
    <input type="hidden" id="countryName" name="countryName" />
    <input type="hidden" id="stateCode" name="stateCode" />
    <input type="hidden" id="startingLocationName" name="startingLocationName" />
```



```
<input type="hidden" id="startingLocationCode" name="startingLocationCode" />
<input type="hidden" id="startingCountryCode" name="startingCountryCode" />
<input type="hidden" id="endingCountryCode" name="endingCountryCode" />
<input type="hidden" id="endingLocationName" name="endingLocationName" />
<input type="hidden" id="endingLocationCode" name="endingLocationCode" />
<input type="hidden" id="startingFlightLocationTwoName"
name="startingFlightLocationTwoName" />
<input type="hidden" id="startingFlightLocationTwoCode"
name="startingFlightLocationTwoCode" />
<input type="hidden" id="endingFlightLocationTwoName"
name="endingFlightLocationTwoName" />
<input type="hidden" id="endingFlightLocationTwoCode"
name="endingFlightLocationTwoCode" />
<input type="hidden" id="flightCheckInDateTwo" name="flightCheckInDateTwo" />
<input type="hidden" id="flightCheckInTimeTwo" name="flightCheckInTimeTwo" />
<input type="hidden" id="startingFlightLocationThreeName"
name="startingFlightLocationThreeName" />
<input type="hidden" id="startingFlightLocationThreeCode"
name="startingFlightLocationThreeCode" />
<input type="hidden" id="endingFlightLocationThreeName"
name="endingFlightLocationThreeName" />
<input type="hidden" id="endingFlightLocationThreeCode"
name="endingFlightLocationThreeCode" />
<input type="hidden" id="flightCheckInDateThree" name="flightCheckInDateThree" />
<input type="hidden" id="flightCheckInTimeThree" name="flightCheckInTimeThree" />
<input type="hidden" id="startingFlightLocationFourName"
name="startingFlightLocationFourName" />
<input type="hidden" id="startingFlightLocationFourCode"
name="startingFlightLocationFourCode" />
<input type="hidden" id="endingFlightLocationFourName"
name="endingFlightLocationFourName" />
<input type="hidden" id="endingFlightLocationFourCode"
name="endingFlightLocationFourCode" />
<input type="hidden" id="flightCheckInDateFour" name="flightCheckInDateFour" />
<input type="hidden" id="flightCheckInTimeFour" name="flightCheckInTimeFour" />
<input type="hidden" id="startingFlightLocationFiveName"
name="startingFlightLocationFiveName" />
<input type="hidden" id="startingFlightLocationFiveCode"
name="startingFlightLocationFiveCode" />
<input type="hidden" id="endingFlightLocationFiveName"
name="endingFlightLocationFiveName" />
<input type="hidden" id="endingFlightLocationFiveCode"
name="endingFlightLocationFiveCode" />
<input type="hidden" id="flightCheckInDateFive" name="flightCheckInDateFive" />
<input type="hidden" id="flightCheckInTimeFive" name="flightCheckInTimeFive" />
<input type="hidden" id="numberOfNights" name="numberOfNights" />
<input type="hidden" id="numberOfRooms" name="numberOfRooms" />
<input type="hidden" id="numberOfAdults" name="numberOfAdults" />
<input type="hidden" id="numberOfChilds" name="numberOfChilds" />
<input type="hidden" id="childAges" name="childAges" />
<input type="hidden" id="numberOfInfants" name="numberOfInfants" />
<input type="hidden" id="numberOfSeniors" name="numberOfSeniors" />
<input type="hidden" id="portalBEC" name="portalBEC" value="Y"/>
<input type="hidden" id="starRating" name="starRating" />
```

```

<input type="hidden" id="hotelType" name="hotelType" />
<input type="hidden" id="airLine" name="airLine" />
<input type="hidden" id="carType" name="carType" />
<input type="hidden" id="portal" name="portal" value="rezbase_v3" />
<input type="hidden" id="userCode" name="userCode" />
<input type="hidden" id="userName" name="userName" />
<input type="hidden" id="userPassword" name="userPassword" />
<input type="hidden" id="forwardURL" name="forwardURL" />
<input type="hidden" id="userType" name="userType" />
<input type="hidden" id="partnerName" name="partnerName" />
<input type="hidden" id="partnerId" name="partnerId" />
<input type="hidden" id="tourOperatorLevel" name="tourOperatorLevel" />
<input type="hidden" id="tourOperatorName" name="tourOperatorName" />
<input type="hidden" id="loggedSuperAgentId" name="loggedSuperAgentId" />
<input type="hidden" id="partnerCode" name="partnerCode" />
<input type="hidden" id="partnerType" name="partnerType" value="DC" />
<input type="hidden" id="subAgentId" name="subAgentId" />
<input type="hidden" id="webSite" name="webSite" value="MAIN" />
<input type="hidden" id="bookingChannel" name="bookingChannel" value="WEB" />
<input type="hidden" id="vacationPkg" name="vacationPkg" />
<input type="hidden" id="cacheKey" name="cacheKey" />
<input type="hidden" id="sellingCurrency" name="sellingCurrency" />
<input type="hidden" id="sessionName" name="sessionName" />
<input type="hidden" id="retrieveExistingBookings" name="retrieveExistingBookings" />
/>
<input type="hidden" id="existingReservationNo" name="existingReservationNo" />
<input type="hidden" id="isbackOfficePartnerLink" name="isbackOfficePartnerLink" />
<input type="hidden" id="enabledPublicDCLogin" name="enabledPublicDCLogin" />
<input type="hidden" id="enableConsumerRegion" name="enableConsumerRegion" />
<input type="hidden" id="actionTyp" name="actionTyp" />
<input type="hidden" id="bookType" name="bookType" />
<input type="hidden" id="consumerCountryId" name="consumerCountryId" />
<input type="hidden" id="consumerRegionId" name="consumerRegionId" />
<input type="hidden" id="languageCode" name="languageCode" />
<input type="hidden" id="consumerCurrencyCode" name="consumerCurrencyCode" />
<input type="hidden" id="guestList" name="guestList" />
<input type="hidden" id="seatClass" name="seatClass" />
<input type="hidden" id="tripType" name="tripType" />
<input type="hidden" id="actionPath" name="actionPath" />
<input type="hidden" id="pkgType" name="pkgType" />
<input type="hidden" id="affCode" name="affCode" value="-" />
<input type="hidden" id="targetField" name="targetField" />
<input type="hidden" id="partnerCategory" name="partnerCategory" />
<input type="hidden" name="destinationCountry" id="destinationCountry" />
<input type="hidden" name="activityTypeId" id="activityTypeId" />
<!-- Hotel filters -->
<input type="hidden" id="hotelStarId" name="hotelStarId" />
<input type="hidden" id="hotelTypeId" name="hotelTypeId" />
<input type="hidden" id="hotelName" name="hotelName" />
<input type="hidden" id="priceLevelFrom" name="priceLevelFrom" />
<input type="hidden" id="priceLevelTo" name="priceLevelTo" />
<input type="hidden" id="availableHotels" name="availableHotels" />
<input type="hidden" id="onRequestHotels" name="onRequestHotels" />
<input type="hidden" id="starRating_Hotels" name="starRating_Hotels" />

```

```
<input type="hidden" id="sortHotelBy" name="sortHotelBy" />
<!-- For flights -->
<input type="hidden" id="nonStopStatus" name="nonStopStatus" />
<!-- For transfers -->
<input type="hidden" id="pickUpCode" name="pickUpCode" />
<input type="hidden" id="dropOffCode" name="dropOffCode" />
<input type="hidden" id="dropOffCityName" name="dropOffCityName" />
<input type="hidden" id="pickUpPointName" name="pickUpPointName" />
<input type="hidden" id="departPointName" name="departPointName" />
<input type="hidden" id="dropOffCityCode" name="dropOffCityCode" />
<input type="hidden" id="pickUpPointCode" name="pickUpPointCode" />
<input type="hidden" id="departPointCode" name="departPointCode" />
<input type="hidden" id="transferTime" name="transferTime" />
<input type="hidden" id="serviceHost" name="serviceHost" />
<input type="hidden" id="serviePortal" name="serviePortal" />
<!-- Fixed package spacific details -->
<input type="hidden" id="numberofdays" name="numberofdays" />
<input type="hidden" id="includingflight" name="includingflight" />
<input type="hidden" id="selectedFixedPackageTypeCode"
name="selectedFixedPackageTypeCode" />
  <input type="hidden" id="selectedFixedPackageTypeName"
name="selectedFixedPackageTypeName" />
  <input type="hidden" id="ipAddress" name="ipAddress" />
  <input type="hidden" id="clientCountryCode" name="clientCountryCode" />
</form>
```

Step 4

Following code snippet can be placed within any location of the third party html page inside any `<div>` tag where the BEC needs to be displayed. Any `<div>` tag inside below `<form>` tag

```
<form name="form1" method="post" action="" id="form1" >
```

should not be moved out of the above given line of code.

```
<form name="form1" method="post" action="" id="form1" >
  <input type="hidden" name="pkgType" value="H"/>
  <div id="bec_wrapper_div" style="display:none;" class="bec-main-wrapper">
    <div id="tabs">
      <a href="#" class="mobile-menu" style="display: none;" translate="no">Plan 旅行类别
    <i class="fa fa-bars fa-2" style="display:none"></i> </a>
      <ul id="ribbon" class="icons cmb-menu-common">
        <li id="vLi"><a class="holidays mobile-hide-menu" href="holidays.html"
translate="no" translate="no"><span class="fh-icon mobile-hide-menu">&nbsp;</span>
机票 + 酒店 </a></li>
        <li id="fLi"><a class="flights mobile-hide-menu" href="flights.html"
translate="no"><span class="flight-icon mobile-hide-menu">&nbsp;</span> 机票
</a></li>
        <li id="hLi"><a class="hotels mobile-hide-menu" href="hotel.html"
translate="no"><span class="hotel-icon mobile-hide-menu">&nbsp;</span> 酒店 </a></li>
        <li id="aLi"><a class="activities mobile-hide-menu" href="activities.html"
translate="no"><span class="activity-icon mobile-hide-menu">&nbsp;</span> 景点门票
</a></li>
      </ul>
      <div id="flights" class="bec_container"></div>
      <div id="hotels" class="bec_container"></div>
      <div id="activities" class="bec_container"></div>
      <div id="FixedPackages" class="bec_container"></div>
    </div>
  </form>
```

Step 5

Copy following code before closing the `</body>` tag which should conclude the implementation of the BEC.

```

<script>
try{
if(!internalBEC){
    $("#tabs").hide('bec_wrapper_div');
}
}catch(e){alert(e);}
$("#tabs").tabs(3).addClass('ui-tabs-vertical ui-helper-clearfix');
$("#tabs li").removeClass('ui-corner-top').addClass('ui-corner-left');
$("#tabs").tabs({ selected: 0 });
try{
    var w = getUrlVars()["wjt"];
    var wjtname = w.split("wj_")[1];
    bec_name = "bec_container_frame_"+ wjtname;
}catch(e){}
</script>
<script src="js/jquery.easing.min.js"></script>
<script src="js/plugin.js"></script>
<script src="js/prefixfree.min.js"></script>
<script>
$(document).ready(function(){
if ($(window).width() < 610) {
    $(".mobile-hide-menu").on('click',function(){
        $("#ribbon").hide(1000);
    });
}
});
</script>

<div id="google_translate_element" style="display: none;"></div>

<script type="text/javascript">

function getCookie(cname)
{
var name = cname + "=";
var ca = document.cookie.split(';');
for(var i=0; i<ca.length; i++)
{
var c = ca[i].trim();
if (c.indexOf(name)==0) return c.substring(name.length,c.length);
}
return "";
}
var lang = '';
function googleTranslateElementInit() {
    try{
        //alert('calling')
        var googlang=getCookie("googconfig");

```

```
var googleorg=getCookie("googtrans");
var googleorg = googleorg.split("/");

lang = googleorg[2];

//console.log("googleorg > "+ getCookie("googtrans"));

if(googlang!=""||googlang!=null){
    var cookiearray = googlang.split("|");
    //console.log("cookiearray"+cookiearray);

    var langtype = cookiearray[0]
    var languges = cookiearray[1]

    //console.log("langtype"+langtype);
    //console.log("languges"+languges);
    if(langtype=="ALL"){
        //alert("ALL");
        new google.translate.TranslateElement({
            pageLanguage: 'en',
            layout:
google.translate.TranslateElement.InlineLayout.SIMPLE,
            autoDisplay: false

        },
        'google_translate_element'
    );
    }else{
        //alert("SPEC =" +languges);
        new google.translate.TranslateElement({
            pageLanguage: 'en',
            layout:
google.translate.TranslateElement.InlineLayout.SIMPLE,

            includedLanguages: languges,
            //includedLanguages: 'fr',
            autoDisplay: false

        },
        'google_translate_element'
    );
    }
}

}
}catch(e){
    //alert(e)
}

var element = document.getElementById("goodale_translate_script");
element.parentNode.removeChild(element);
```

```

        //setlistnForLanguageChange();

    }

    function listenForLanguageChange(){
        try{
            var googcook=getCookie("googtrans");
            //alert(googcook);
            if(googcook.length >0){
                var googcook = googcook.split("/");

                if(lang!=googcook[2] && lang!=''){
                    //console.log("lang:  "+lang+"////////"+"googcook[2]
"+googcook[2]);
                    location.reload();
                    lang = googcook[2];
                    loadTranslatorScript();
                }
            }
        }catch(e){
            //alert(e);
        }
        setTimeout('listenForLanguageChange()', 200);
    }

    function loadTranslatorScript() {
        //
        //alert("called");
        var element = document.getElementById("goodale_translate_script");
        if(element!=null){
            //console.log("Element Removed ");
            element.parentNode.removeChild(element);
        }

        var s = document.createElement('script');
        s.id="goodale_translate_script"
        s.type = "text/javascript";
        s.src =
        "https://translate.google.com/translate_a/element.js?cb=googleTranslateElementInit";
        document.body.appendChild(s);

    }

    listenForLanguageChange();
</script>

<!--<script type="text/javascript"
src="//translate.google.com/translate_a/element.js?cb=googleTranslateElementInit"></s
cript>

```

```
--><style>
.goog-te-banner-frame{
    display: none;
}
body { top: 0px !important; }
</style>
```


Modifications to the booking engine layout

If a new layout is required for the BEC these changes should be done on the respective html files.

“main.html” only refers the other pages when required after initializing the tabs on a click. It is advisable to make changes only through css and if required make changes to the html structure but follow up with a search afterwards to verify Booking Engine functions properly.