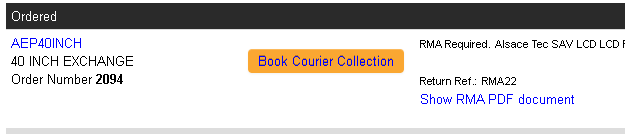
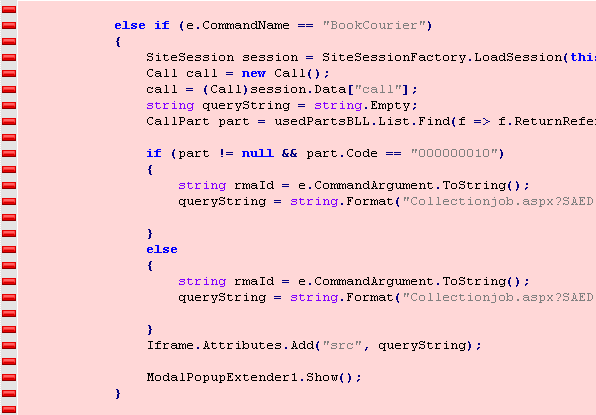
**Book Courier Collection button  
  
**In the Shipmate project the logic for button “Book Courier Collection” in “Parts tab” was changed:

1. Click link “RMA Collection Not Booked”
2. Click on a “call reference” in the table
3. Go to “Parts tab”

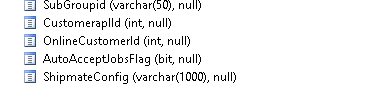
**Change the event handler for button “Book Courier Collection”**

1. Go to page “Parts.aspx.cs” ($\MobilePortal\MobilePortal\MobilePortal\Parts.aspx.cs)
2. Serach for current event handler for the button, “BtnBookCourier\_Click”, and change name to “BtnBookCourier\_Click\_Old” (or remove the code completely):  
     
   protected void BtnBookCourier\_Click(object sender, CommandEventArgs e)  
     
   to:  
     
   protected void BtnBookCourier\_Click\_Old(object sender, CommandEventArgs e)
3. Serach for new event handler for the button, “BtnBookCourier\_Click\_New”, and change name to “BtnBookCourier\_Click”:  
     
   protected void BtnBookCourier\_Click\_New(object sender, CommandEventArgs e)  
     
   to:  
     
   protected void BtnBookCourier\_Click(object sender, CommandEventArgs e)
4. Search for:  
     
   else if (e.CommandName == "BookCourier")  
     
   and then comment out that block of code or remove completely.

Remove this pice of code in file “Parts.aspx.cs”:



**Configuration of Shipmate:**16 key/value pairs for a specific client is stored as a json-string in column “ShipmateConfig”  
in table “SAEDIClient”:



1. Shipmate username
2. Shipmate password
3. Shipmate token
4. Shipmate service key
5. Shipmate base url
6. Carrier track and trace url
7. Delivery to name
8. Delivery to line1
9. Delivery to line2
10. Delivery to line3
11. Delivery to company name
12. Delivery to telephone
13. Delivery to email
14. Delivery to city
15. Delivery to postcode
16. Delivery to country

**Example of a json configuration string:**  
  
{"ShipmateUsername":"paul@fixzone.com","ShipmatePassword":"Nui06BwNZewbW+SSV58UJ7ghCCmL1gEzyhi82xK/nu8=","ShipmateToken":"Gkj/kvXXcOas49/jVNUoIez57MjcGeFUz8sw2Fo89JCvtXn/0PIKMm9gyEj7VfloKjBPFBr47/TIYKNkPWlyCommnx+FtU34qNw9m4tpz8o=","ShipmateServiceKey":"DPDNEXT","ShipmateBaseUrl":"http://web2016/FzShipmate/FzShipmate.dll/","CarrierTrackAndTraceUrl":"https://www.tnt.com/express/en\_gb/site/shippingtools/tracking.html?searchType=con\u0026amp;cons=","DeliveryToName":"Pacifica Appliance Services Ltd","DeliveryToLine1":"1 Monument Park","DeliveryToLine2":"Pattinson Industrial Estate","DeliveryToLine3":"Tyne and Wear","DeliveryToCompanyName":"Pacifica","DeliveryToTelephone":"","DeliveryToEmail":"","DeliveryToCity":"Washington","DeliveryToPostcode":"NE38 8QU","DeliveryToCountry":"GB"}  
  
**Page to handle Shipmate configuration**There is a page to handle the configuration: BaseUrl/ShipmatePage.aspx





Admin password is Ping68pong. ClientId must be an existing value in column “SAEDIID”  
in table “SAEDIClient”. If the client already has a json-string in column “ShipmateConfig” then current values are loaded in the form above and it is possible to edit/update. If the client does not have a json-string then all fields will be empty and the user can create and save a new json-string.

**Data to be sent to Shipmate**Data to be sent to Shipmate in the request is stored in the C# class “CreateConsignment-Request”:

**public class CreateConsignmentRequest**

**{**

**public int ServiceID { get; set; }**

**public int RemittanceID { get; set; }**

**public string consignment\_reference { get; set; }**

**public string Token { get; set; }**

**public string service\_key { get; set; }**

**public Address collection\_address { get; set; }**

**public Address to\_address { get; set; }**

**public List<Parcel> parcels { get; set; }  
}**

The Address and Parcel class look like:

**public class Address**

**{**

**public string name { get; set; }**

**public string line\_1 { get; set; }**

**public string line\_2 { get; set; }**

**public string line\_3 { get; set; }**

**public string company\_name { get; set; }**

**public string telephone { get; set; }**

**public string email\_address { get; set; }**

**public string city { get; set; }**

**public string postcode { get; set; }**

**public string country { get; set; }**  
**}**

**public class Parcel**

**{**

**public string reference { get; set; }**

**public int weight { get; set; }**

**public int width { get; set; }**

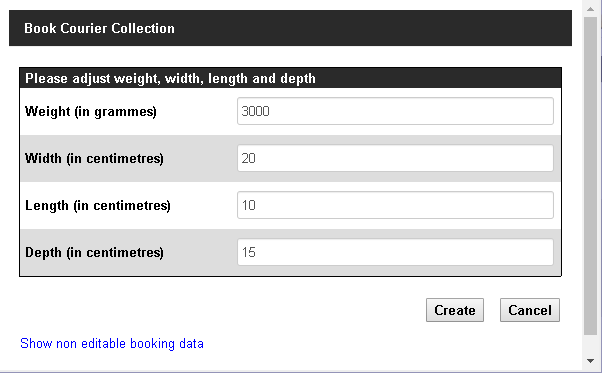
**public int length { get; set; }**

**public int depth { get; set; }**  
**}**There will always be only one parcel in the parcels list.  
  
When data is sent to Shipmate it will be encoded as a json-string and there is a  
method “ToJson” in class “CreateConsignmentRequest” that does the conversion:  
  
**public string ToJson()**

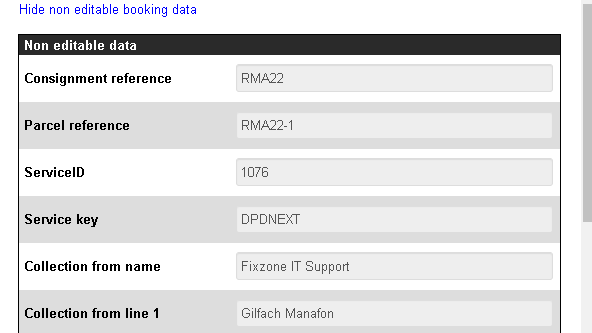
**{**

**return (new JavaScriptSerializer()).Serialize(this);**

**}**When the user press button “Book Courier Collection” then a form will appear  
that makes it possible for user to modify the default values for parcel weight, width,  
length and depth. These are the only values the user can edit, all other values are  
taken from configuration and database.

****

Possible to edit/update default values for parcel weight, width, length and depth. It is  
possible to view non editable data that will be sent in the request by clicking link “Show  
non editable booking data”.



Possible to view non editable data that will be sent in the request.  
  
When press the button “Create” in the form a request is made to Shipmate to create a consignment. The response from Shipmate is received in the C# class “CreateConsignment-Response”:  
  
**public class CreateConsignmentResponse**

**{**

**public string message { get; set; }**

**public List<CreateConsignmentResponseData> data { get; set; }**  
**}**

**public class CreateConsignmentResponseData**

**{**

**public string consignment\_reference { get; set; }**

**public string parcel\_reference { get; set; }**

**public string carrier { get; set; }**

**public string service\_name { get; set; }**

**public string tracking\_reference { get; set; }**

**public string created\_by { get; set; }**

**public string created\_with { get; set; }**

**public DateTime created\_at { get; set; }**

**public string MediaURL { get; set; }**

**public string MediaGUID { get; set; }  
}**

There will always be one element in the data list.  
  
When the request has been made a Shipmate collection reference is stored for the collection  
in table SONYRMA as well as when the request was made and an ID reference to table  
“ShipmateConsignmentCreation” that stores detail data about the request/response.

****

When there is data for collection reference then the button “Book Courier Collection”  
will be replaced by “Show consignment details”, “Track” and “Show courier label”:  
  
