**Book of Useful Error Fixes**

**C# DOTNET**

**Exception - Input string was invalid**

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| Scenario | Cause | Solution |
| Encountered when trying to parse a float value from a string. | The system class has multiple ways of representing not only numbers but also dates and times which are culture dependent.  It derives the culture information from the devices currently set culture.  e.g. float.Parse(“0.52”) in the US return 0.52 as a float but in South African cause an invalid input string exception.  This functionality also extends to thousands separator as well (1,000 vs 1000). | I forced all devices to use en-US culture info to avoid having any disparities. I used the following line of code in the app’s initialization code.  CultureInfo.DefaultThreadCurrentCulture = new CultureInfo("en-US"); |
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**HTML RESPONSE CODES**

**Code – 415 Unsupported media type**

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| Scenario | Cause | Solution |
| Encountered when anticipating a response from a REST API or making an HTTP Post request. | This has usually happened because the API was expecting data in a certain form and was given data in a different from.  e.g. Expecting an int but receiving a string.  A model contains the properties:  public int id;  public string name;  It receives the following JSON Object:  {  id : “20”,  name: “Yewo”  }  Instead of :  {  id : 20,  name: “Yewo”  } | Make the necessary changes to either the application sending the request of the API receiving the request. |
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