

# Convert Generic list to Dataset

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Yesterday I had a situation where I was calling a Web Service that returned an array of items and i needed to bind a reapter using list . So, after searching and trying different ways . I came up with the following solution to Convert the list into Dataset and than bind it with the reapter.

Here is code snippets -

Include the following namespace -

```
using System.Text;
using System.IO;
using System.Xml.Serialization;

public DataSet ConvertGenericsListToDataSet(ListDTO[] listvalue)
{
    StringBuilder sb = new StringBuilder();
    XmlSerializer xmlSerializer = new XmlSerializer(typeof(ListDTO[]));

    StringWriter sw = new StringWriter(sb);
    xmlSerializer.Serialize(sw, listvalue);
    StringReader stream = new StringReader(sb.ToString());
    DataSet ds = new DataSet();
    ds.ReadXml(stream);
    return ds;
}

rptLisr.DataSource = ConvertGenericsListToDataSet(listvalue);
rptLisr.DataBind();
```

There you go! A class to take any type of object that implements the ICollection interfaces and convert it to a Dataset.

Many thanks!!!!