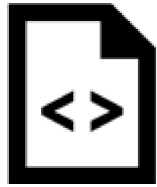




Visual Studio > Tools > Object Exporter



Object Exporter

Omar Elabd |  53,310 installs |  (65) | Free

Object Exporter creates serializations of in memory objects from your various debugging windows. Currently supported output formats are: CSharp Object Initialization Code, JSON and XML.

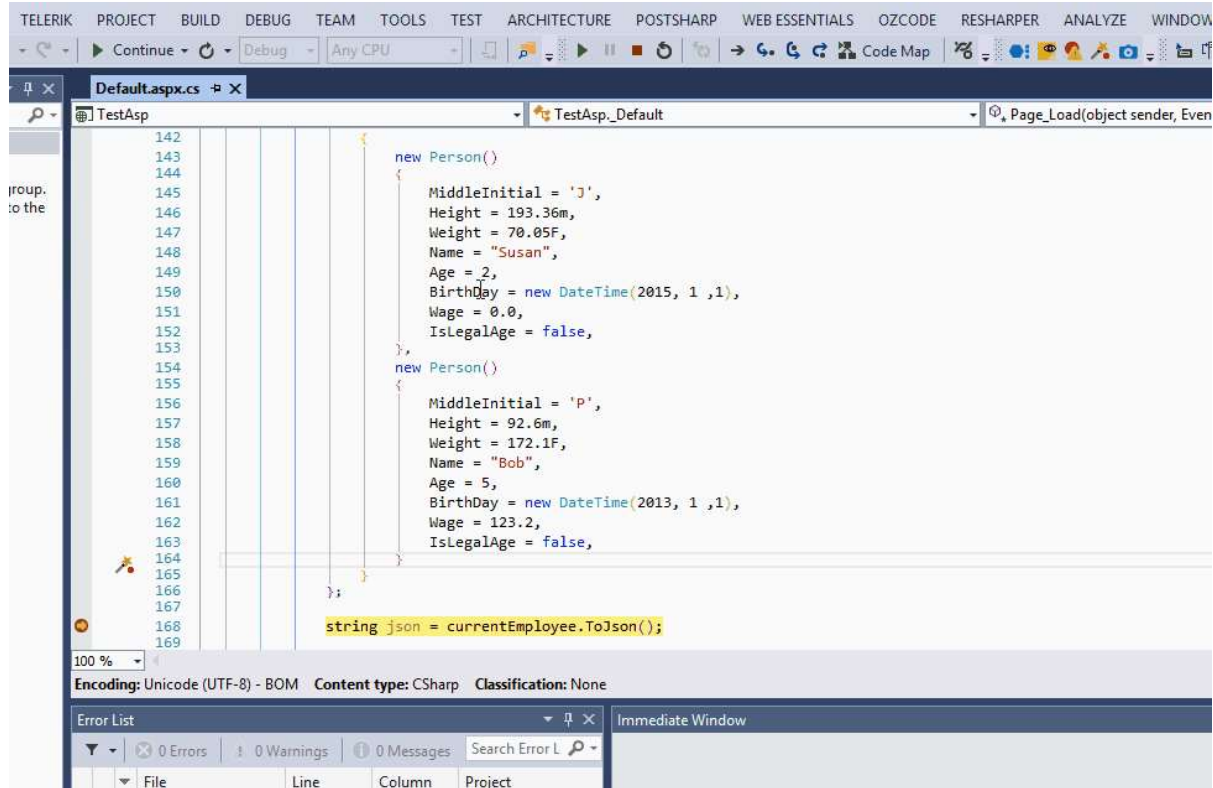
[Download](#)[Overview](#)[Q & A](#)[Rating & Review](#)

*Note: I had to reupload this package due to issues with the gallery causing an error page anytime anyone viewed the extension page or tried to update the package. If you have a previous version of Objection Exporter (prior to 1.2.4) please uninstall it and install this extension as to receive any future updates.

[Source Code](#) | [Report Bug](#) | [Request Feature](#) | [Release Notes](#)

Object Exporter lets you export out an object while debugging in Visual Studio, the object can be serialized in either C#, JSON or XML.

In Action



Use Cases

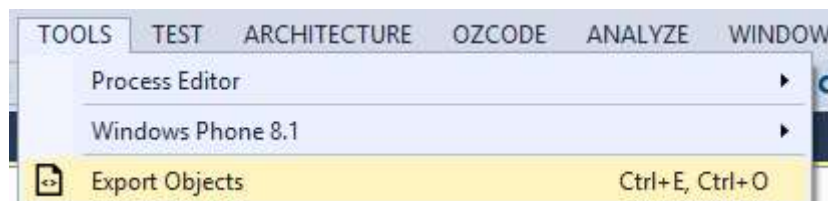
1. Persisting an object state for debugging comparisons.
2. Searching for information within objects.
3. Generating C# object initialization code for unit testing.

Output

The currently supported output formats are: C# Object Initialization Code, JSON and XML.

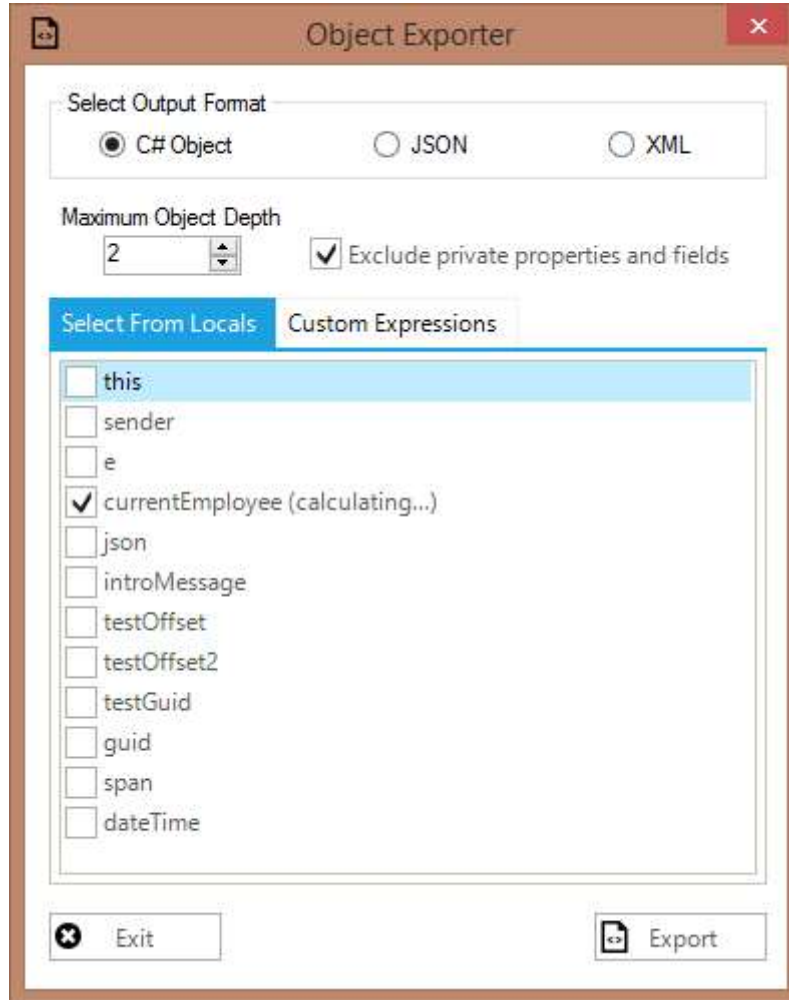
Instructions

Object Exporter is accessed through the tools menu and is only visible when you are debugging.

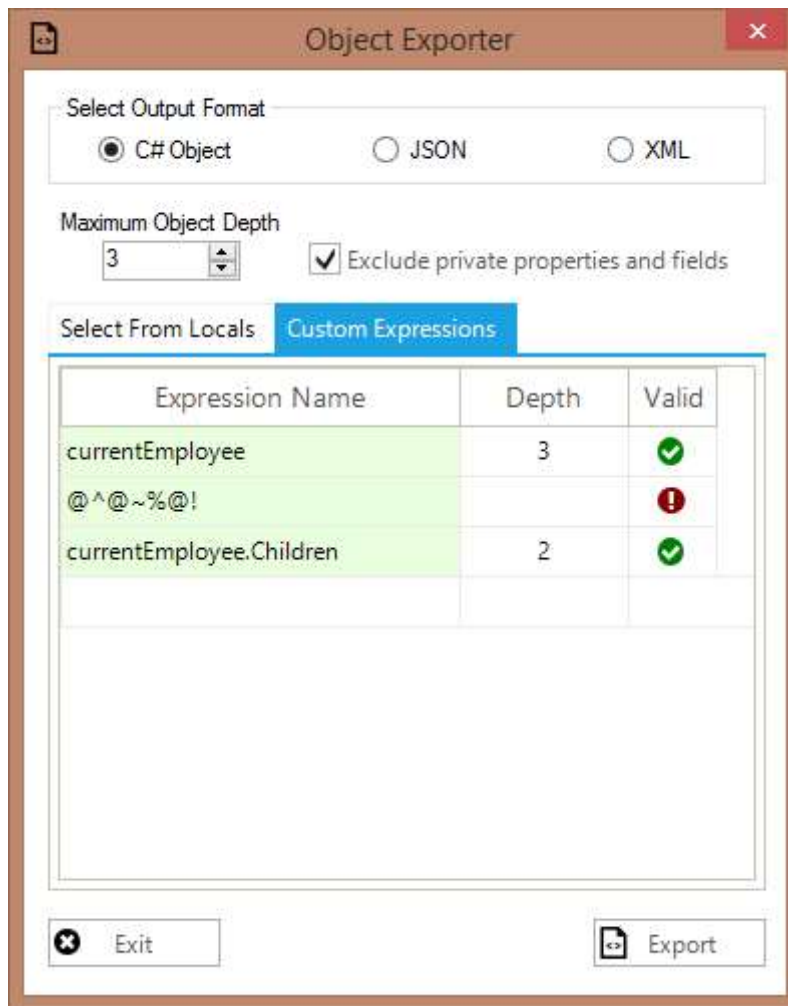


Once the menu option is selected a dialog is shown with settings for the Object Export.

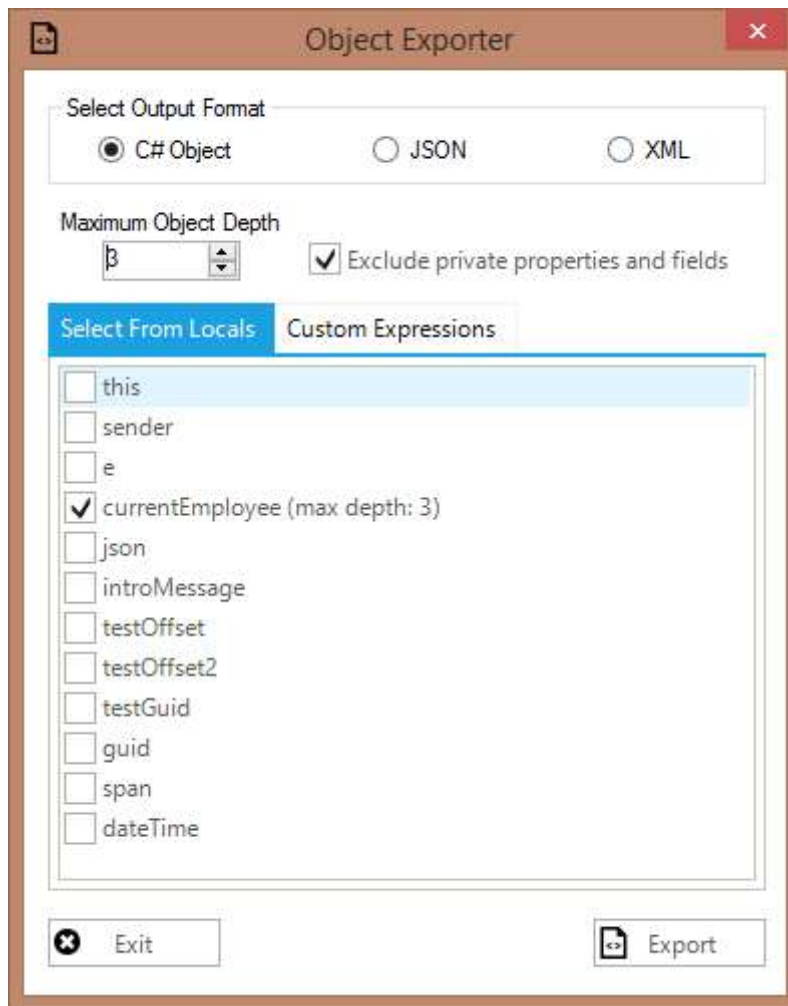
Object exporter has two modes for selecting objects to export, one is by selecting from a checklist which is populated with your locals.



The other mode is by writing a custom expression as you would in the watch window.

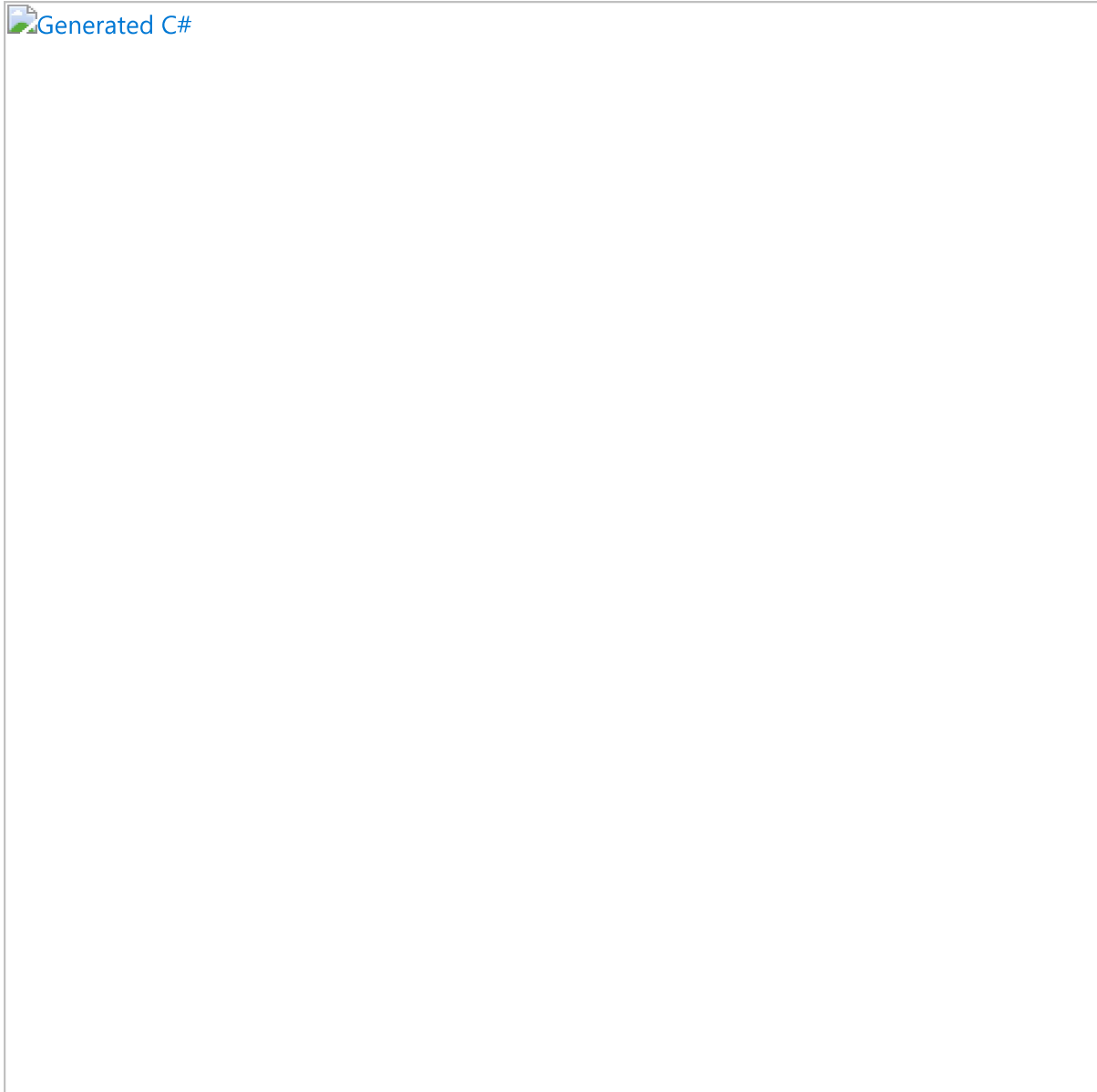


Once an object is written or selected, object exporter will attempt to calculate its depth in the background. This depth will give you an indication of what cutoff would need to be specified to export the entire object. Note some objects may contain circular references.

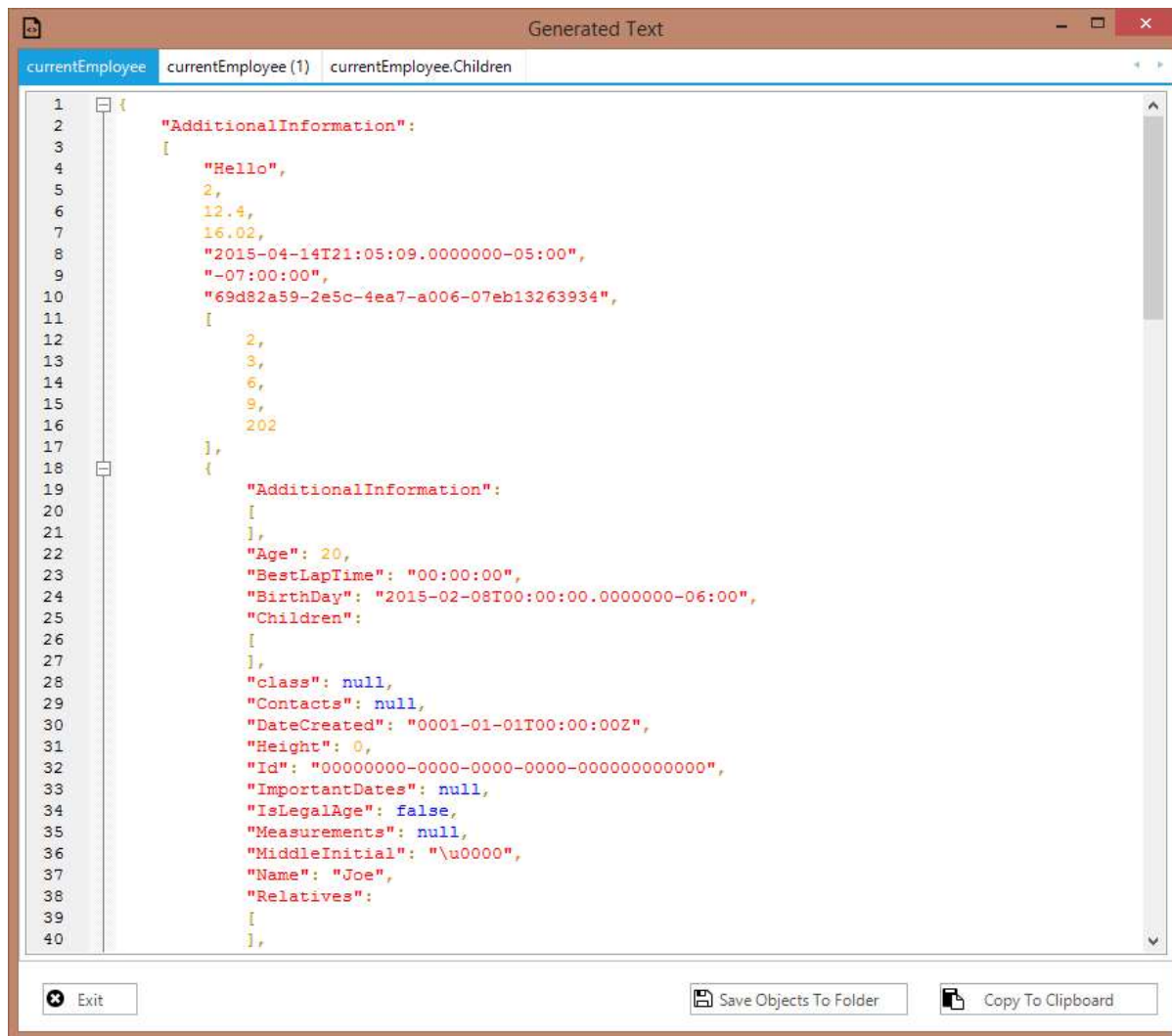


Once your objects and settings are selected, you may export them in your desired format. A dialog will be displayed with the generated output for each of your objects.

C#:



JSON:

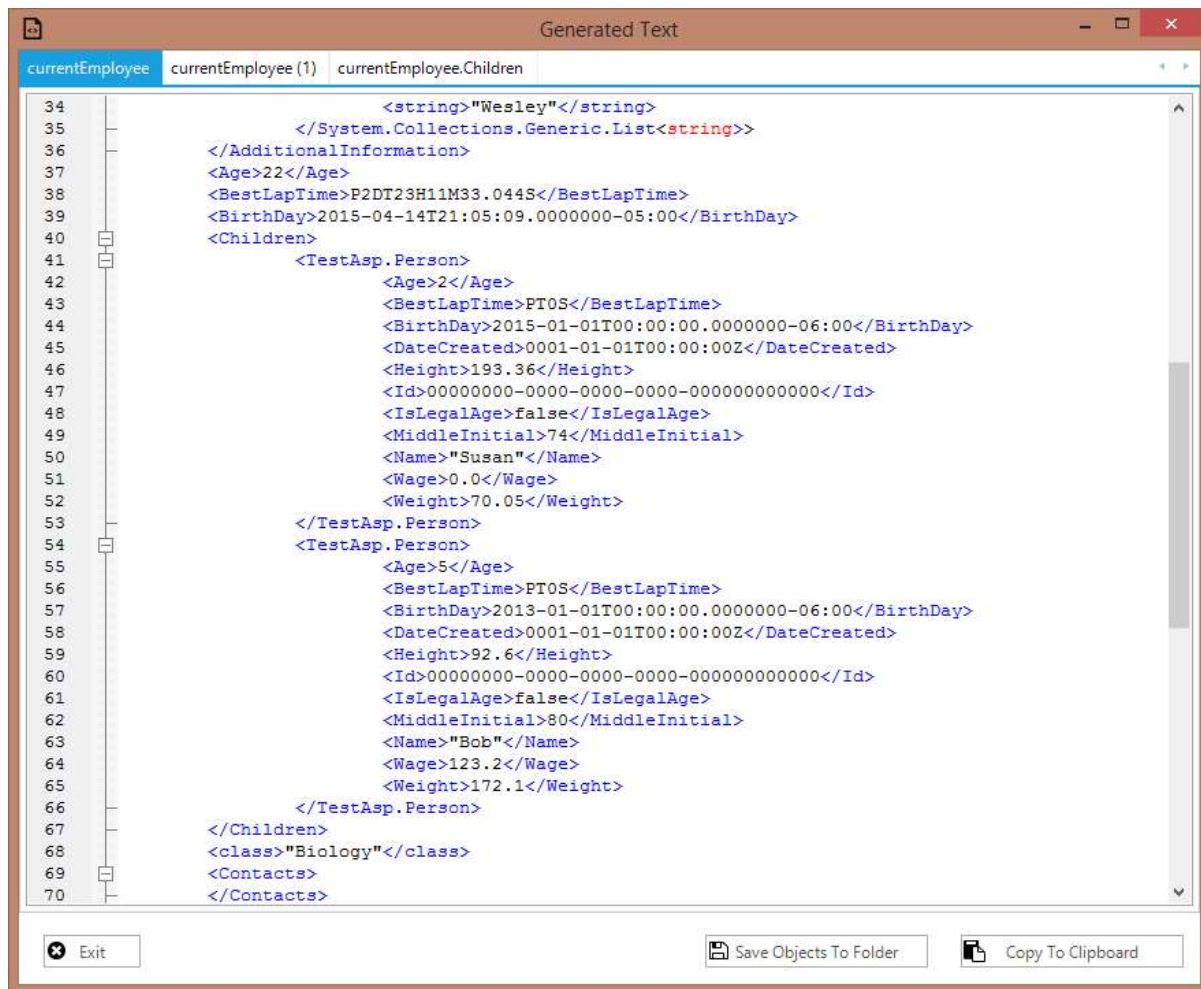


The screenshot shows the 'Object Exporter' application window. The title bar reads 'Generated Text'. The window has three tabs: 'currentEmployee', 'currentEmployee (1)', and 'currentEmployee.Children'. The 'currentEmployee' tab is active, displaying a JSON object. The JSON structure is as follows:

```
{
  "AdditionalInformation": [
    "Hello",
    2,
    12.4,
    16.02,
    "2015-04-14T21:05:09.0000000-05:00",
    "-07:00:00",
    "69d82a59-2e5c-4ea7-a006-07eb13263934",
    [
      2,
      3,
      6,
      9,
      202
    ]
  ],
  {
    "AdditionalInformation": [
      ],
      "Age": 20,
      "BestLapTime": "00:00:00",
      "BirthDay": "2015-02-08T00:00:00.0000000-06:00",
      "Children": [
        ],
        "class": null,
        "Contacts": null,
        "DateCreated": "0001-01-01T00:00:00Z",
        "Height": 0,
        "Id": "00000000-0000-0000-0000-000000000000",
        "ImportantDates": null,
        "IsLegalAge": false,
        "Measurements": null,
        "MiddleInitial": "\u0000",
        "Name": "Joe",
        "Relatives": [
          ]
        ]
      }
    ]
  }
```

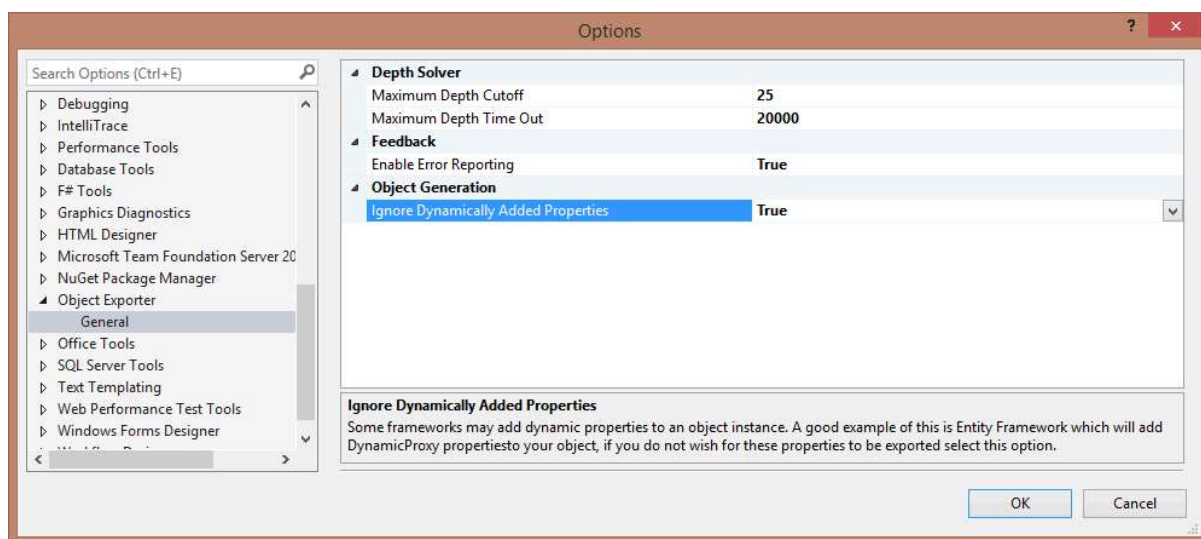
At the bottom of the window, there are three buttons: 'Exit', 'Save Objects To Folder', and 'Copy To Clipboard'.

XML:



Settings

Object exporter settings is access through Tools -> Options -> Object Exporter



Powered By

Object Exporter is powered by [RayGun](#).



Categories

[Tools](#)[Coding](#)[Data](#)[Testing](#)

Tags

[Autos](#)[C#](#)[CSharp](#)[Debugger](#)[debugging](#)[dump](#)[export](#)[Generate](#)[Immediate](#)[JSON](#)[Locals](#)[Object Exporter](#)[save](#)[Serialize](#)[Serializer](#)[Sim-Ship VS 2017](#)[watch](#)[XML](#)

Works with

Visual Studio 2012, 2013, 2015, 2017, 2019

Resources

[License](#)[Copy ID](#)

Project Details

[OmarElabd/ObjectExporter](#)[Last Commit: 7 years ago](#)[3 Pull Requests](#)[55 Open Issues](#)

More Info

Version 1.7.0

Released on 4/15/2015, 8:25:39 PM

Last updated 3/5/2017, 10:22:35 PM

Publisher Omar Elabd

Report [Report a concern](#)



[Contact us](#) [Jobs](#) [Privacy](#) [Terms of use](#) [Trademarks](#)

© 2024 Microsoft