

Complete I/O Resource written in C# (.NET)

- The document provides a step by step example to create a complete I/O Resource for the **RTS** using **Microsoft's Visual Studio .NET 2003** (version 7.1) solutions.
- The document assumes you have **PAWS and RTS version 1.34.7** or newer installed in location "C:\<usr>"
- The document assumes you have the "**IOSubsystem**" of the **RTS** configured to use the resource.
- The document assumes that the step by step downloadable solutions are unzipped to "C:\<usr>\paws" folder.

Stage 1

The following solution provides a very basic and simple way to implement an I/O Resource that saves to a file whatever the RTS outputs through it.

Download: [CSharpResourceSample_Stage1.zip](#)

Stage 2

The resource presented in "**Stage 1**" above is enhanced to implement a connection point (TYX.RtsIO._ITextResourceEvents). This makes the resource suitable for use as an "OUTPUT", "DISPLAY", "DATALOG", "INFO", "WARNING" and "ERROR" resource.

Download: [CSharpResourceSample_Stage2.zip](#)

Stage 3

The resource present in "**Stage 2**" above is enhanced to present a property page, through which it's possible to control various properties of the resource. In this case the filename where the output is saved can be configured.

Download: [CSharpResourceSample_Stage3.zip](#)

Stage 4

The resource presented in "**Stage 3**" above is enhanced to provide persistence of configured properties by implementing the IPersistStream and IPersistStreamInit interfaces. Through these interfaces, the **RTS** will persist the properties of the resource in the "**wrts.ini**" file.

Download: [downloads/CSharpResourceSample_Stage4.zip](#)