

Demeanor Action

The Demeanor Action allows automation of the Wise Owl Demeanor tool. The Wise Owl Demeanor tool is designed to obfuscate .NET assemblies, making it harder for reverse engineering through the user of de-compilation.

Demeanor

General Runtime **Settings** Excluded Types and Members

Files & directories

Assembly:

Output folder:

Report file:

Naming method

☒ Names ☐ Numbers ☐ Unicode

Options

☐ Obfuscate all ☐ Force parameters

☐ Compiler controlled ☐ Verbose

☐ Obfuscate metadata insitu

Elements

- ☒ Enumerations
- ☒ Events
- ☒ Fields
- ☒ Method
- ☒ Parameters

OK Cancel Help

On this page:

Settings

Files & Directories

Assembly

The assembly that is to be obfuscate.

Output Folder

The folder that the obfuscated assembly should be written to. If omitted then a "Demeanor" subdirectory is created and the file is written to this location.

Report File

The location where an xml report is to written. The report will detail all elements in the assembly that were obfuscated and the original element they represent.

Naming Method

Names

Forces the obfuscation process to use alphabetic Latin characters as the obfuscated names. This simply iterates through the alphabet using each letter as names, when they are exhausted another letter is added and the iteration done again. This repeats until all names are obfuscated.

Numbers

Forces the obfuscation process to use digits for the obfuscation names.

Unicode

Forces the obfuscation process to use high Unicode characters for names. The Canadian Aboriginal Syllabic character set is required to read the characters, otherwise they appear as boxes.

Options

Obfuscate All

Obfuscate as many elements in the assembly as possible.

Force parameters

Force the obfuscation of method parameters even if the method itself has not been obfuscated.

Compiler Controlled

Change the accessibility of obfuscated methods and fields to compiler controlled accessibility.

Verbose

Include a obfuscation report at the end of the actions run.

Obfuscate metadata insitu

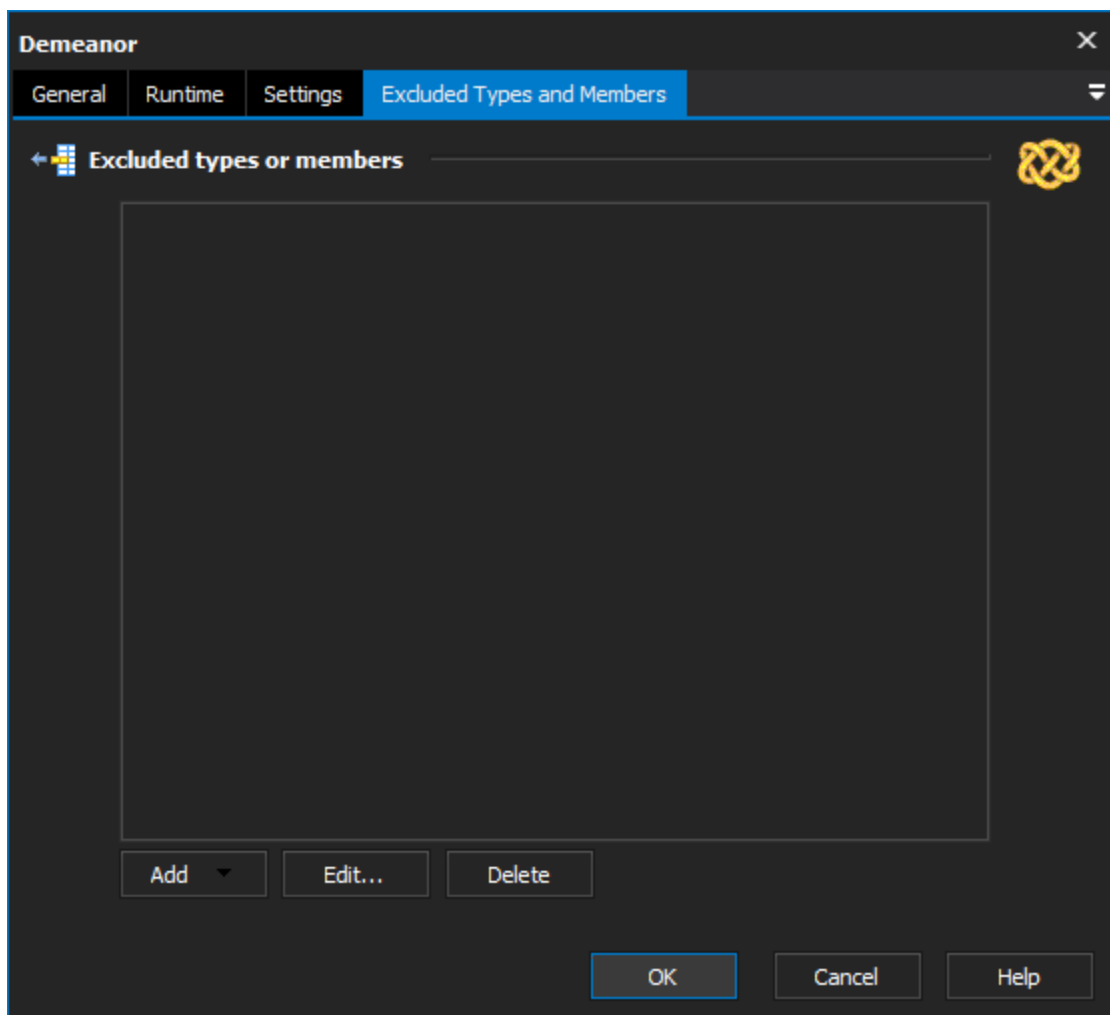
Obfuscate the metadata in situ and leave the rest of the portable-executable untouched.

Elements

Disable or enable obfuscation for specific elements within the assembly. The options are:

Enumerations, ***Events***, ***Fields***, ***Method***, ***Parameters***, ***Properties***, ***Types***, and ***Resources***

Excluded Types and Members



Excluded Types or Members

A list of types or members which not to obfuscate. These should be specified in the ILASM or ILDASM syntax which relates to the types name. Examples are;

Namespace.Type

Namespace.Type::Method

Namespace.ContainingType/NestedType

Namespace.ContainingType/NestedType::Field

Wise Owl and Wise Owl Demeanor are trademarks held by their respective companies.

<http://www.wiseowl.com/products/products.aspx>