

Getting started with ClrMD

ClrMD – Lab 1

The goal of this workshop is to load a memory dump with ClrMD and understand its core classes.

1. Get a memory dump from the sample application with procdump (<https://docs.microsoft.com/en-us/sysinternals/downloads/procdump>)
2. Create a C# console project
3. Add ClrMD nuget to your C# project
4. Write the code to:
 1. get the bitness of the application
 2. get the version of the Clr
 3. list loaded assemblies (two possible ways)
 1. from DataTarget → IsManaged property to make the difference between native dlls and assemblies
 2. From ClrRuntime

Hint: for easier debugging, pass the dump filename as first argument and change the project properties / Debug / Command line arguments to point to the file

Warning: beware x86/x64 mix