**TO ANALYSE THE MEMORY DUMP IN LINUX DOCKER IMAGES**

**Installation**

**$ Sudo dotnet tool install --global dotnet-dump**

(OPTIONAL)You do not require SUDO. If necessary then add the path to

**$ sudo visudo**

And the add under the path

**Defaults        secure\_path=**

**Creating the Memory Dump**

Use the following to find the container

**$ Sudo docker ps**

Enter in the container using

**$ Sudo docker exec -it cdd3c607a1d6 bash**

Find the memory dump tool

**# find / -name createdump**

Execute the memory dump tool to create the dump

**# /usr/share/dotnet/shared/Microsoft.NETCore.App/5.0.11/createdump 1**

Exit the container

**# Exit**

Copy the dump file to local folder

**$ sudo docker cp cdd3c607a1d6:/tmp/coredum**

**Analyzing the memory dump**

**$ dotnet-dump analyze coredump.1**

To find the clr stack

**> clrstack -all**

To get the memorry stat

**> dumpheap -stat**

<https://cdmana.com/2021/01/20210112112902013s.html>