

Becoming independent

Introduction to Windbg

Assembly language programming

By xorpd

xorpd.net

Windbg



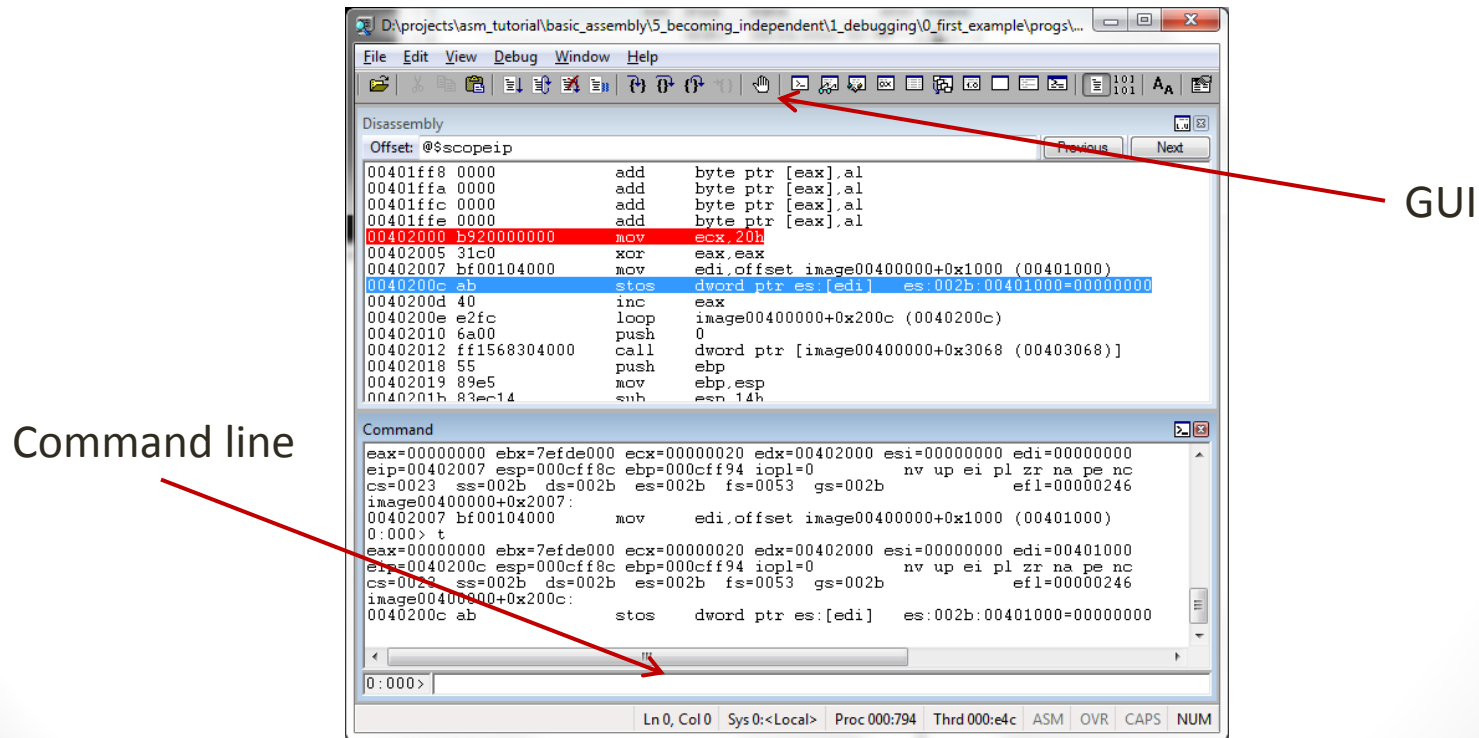
- A debugger for the Windows operation systems.
 - Works on every windows version.
- Developed by Microsoft Corporation.
 - And used by Microsoft developers.
- Can be downloaded **for free** from Microsoft's website.
- A very powerful debugger.

Main features

- Basic debugging features:
 - Stepping.
 - Software Breakpoints.
 - Hardware breakpoints.
- Extendable (Extension DLLs)
- Supports debugging symbols.
- Kernel mode debugging.
 - Can be used to debug the operation system.
- Analysis of crash dumps.

Interface

- Windbg has both GUI and command line interfaces.
 - Some basic commands could be executed from the GUI.
 - For more advanced commands, the command line is necessary.



Windbg Help

- Windbg has very extensive documentation.
- Could be found in help -> contents

