

WinDbg: User & Kernel Mode Debugging



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Windows Debuggers

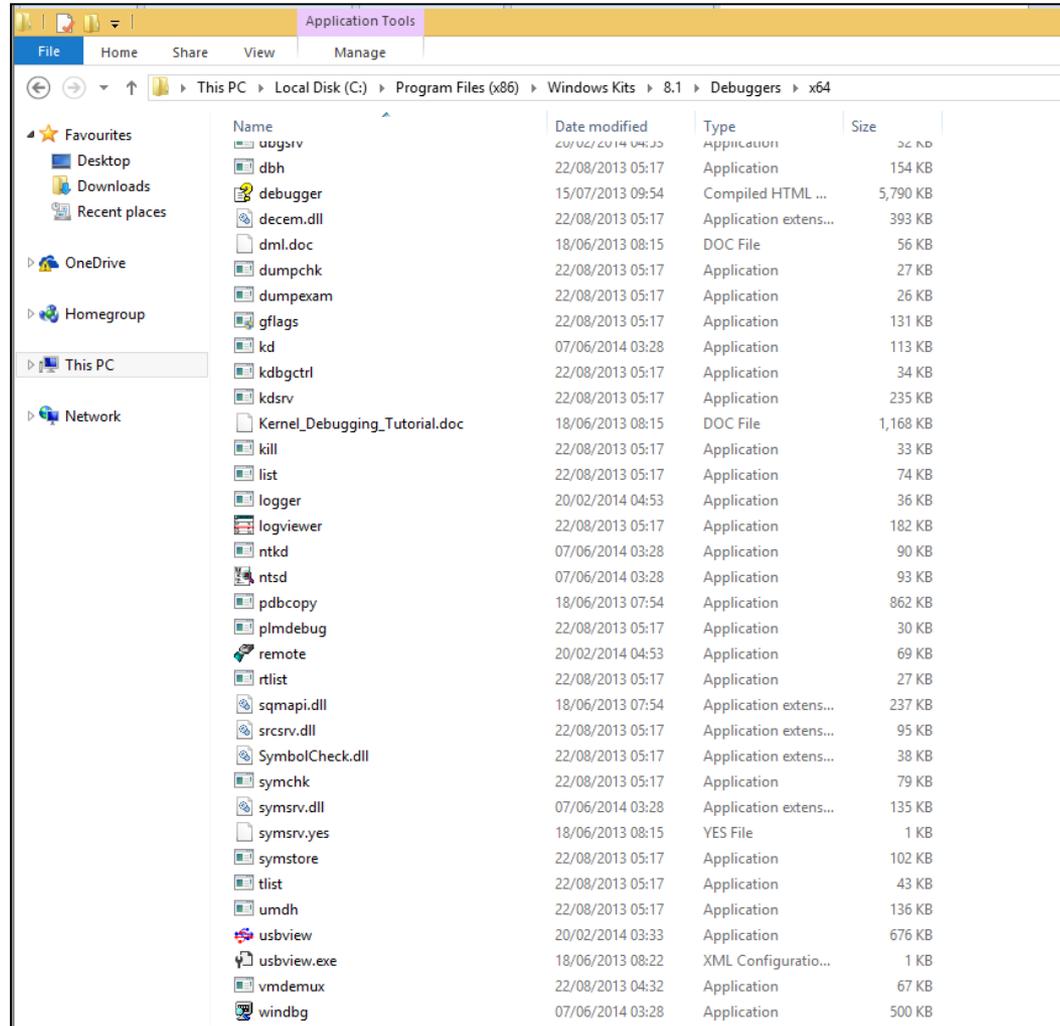
Windows Debuggers

Debugger	User Mode	Kernel Mode
Visual Studio IDE (WDK 8)	✓	✓
WinDbg	✓	✓
KD and NTKD		✓
CDB	✓	
NTSD	✓	

Important Points

- Visual Studio has integrated Windows Debugger (WDK 8.0 onwards)
- WinDbg is GUI based, rest are character based console programs
- KD and NTKD are alike
- CDB and NTSD are alike
- “N” version spawns a new window ,while the other inherits
- Kernel mode debugging typically requires 2 running machines – Host and Target

Where are my Debuggers?



Windows 8.1

