

# HyperDbg Debugger

is an open-source, user mode and kernel mode  
Windows debugger with a focus on using hardware technologies.



[hyperdbg.org](https://hyperdbg.org)



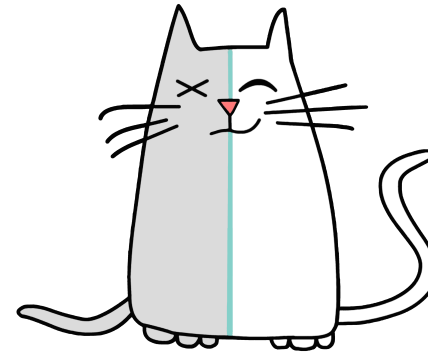
[docs.hyperdbg.org](https://docs.hyperdbg.org)



[github.com/HyperDbg](https://github.com/HyperDbg)



[doxygen.hyperdbg.org](https://doxygen.hyperdbg.org)



## Events supported in HyperDbg by v1.0.0.0



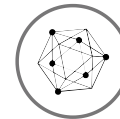
Hidden Execution Hooks



Address Read/Write Monitor



kHyperDbg (Kernel Debugger)



Function Read/Write Monitor



I/O Monitor



MSR Monitor



Interrupt/Exception Monitor



SYSCALL/SYSRET Hook



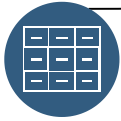
RDTSC(P)/RDPMC Monitor



CPUID Monitor



Break to Debugger



Run Custom Code

User creates event(s) among with its action(s)

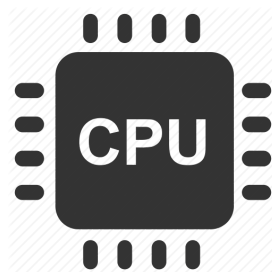
HyperDbg Script



HyperDbg Script



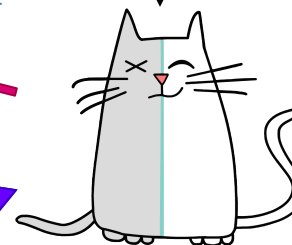
HyperDbg Script



Processor

HyperDbg configures the processor

CPU generates the Events



HyperDbg

HyperDbg is under GPLv3 LICENSE.