XPERF and XBOOTMGR

# Description

This tool collects event information from the Windows kenel. This can help troubleshoot startup and shutdown issues.

# Examples

## Example 1

Logging shutdown events to troubleshoot long shutdown time.

xbootmgr.exe -trace shutdown -traceflags latency+dispatcher -numruns 1 -stackwalk  
   Profile+Cswitch

xperf -i shutdown\_latency+dispatcher\_1.etl -o shutdown\_demo1.xml -a shutdown

## Example 2

Logging boot events to troubleshoot long boot time

xbootmgr -trace boot

The machine will restart. Log in as soon as the prompt appears, and when the desktop loads you will see a window instructing you to wait 120 seconds for post-boot logging. Run the next command to look at a graph of boot events.

xperfview boot\_BASE+CSWITCH\_1.etl

# Installation

Go to the following link to download the installer:

<http://msdn.microsoft.com/en-US/windows/desktop/bg162891>

Run the installer, and select only the Windows Performance Toolkit component. Finish the installation.

# Command Help

Insert results of /? For command line tools, or manual or link to manual for more complex tools.

# Further Resources

[Windows Performance Toolkit: Simple Boot Logging](https://www.autoitconsulting.com/site/performance/windows-performance-toolkit-simple-boot-logging/)

[Two Minute Drill: Introduction to XPerf - Ask the Performance Team - Site Home - TechNet Blogs](http://blogs.technet.com/b/askperf/archive/2008/06/27/an-intro-to-xperf.aspx)

[Technet - Install the Windows Perforamance Toolkit](http://social.technet.microsoft.com/wiki/contents/articles/4847.install-the-windows-performance-toolkit-wpt.aspx)

[Collecting a Shutdown Trace](http://windowsitpro.com/systems-management/diagnose-shutdown-problems-xbootmgr)