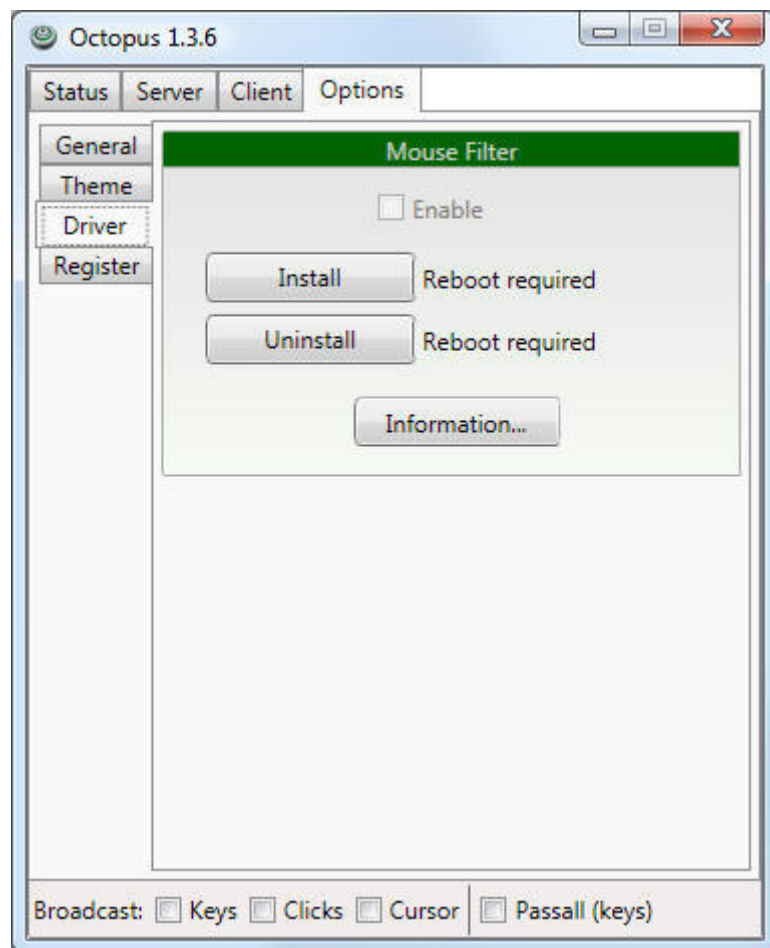


This was written for EverQuest, it does not affect WoW. It unfortunately doesn't support Vista 64 since Microsoft have forced driver signing, which stinks, but anyway....

It is a mouse class upper filter driver (I believe is the correct definition). It is inserted before the mouse class driver - see <http://msdn2.microsoft.com/en-us/library/ms790189.aspx>, which is the 'hub' of all mouse devices. By doing so, you can block and inject packets directly into the packet stream, and also read mouse input for client PC's whilst blocking DirectInput. This is my first driver hence the warning. You should definitely know how to manually uninstall it before hand, in case something goes wrong. If an error occurs in the driver, its a guaranteed BSOD. To this date there is not one report of any problems at all.

Successfully installed, the program will report "[S] Opened octomouse device." on start up. I do not suggest to leave it installed since it is another thing sitting in the driver stack even when not used.



Enable: In server mode a restart is required (as it would conflict with the normal mouse hook). In client mode, toggling just changes injection method.

As an additional note, it also opens a security hole around UAC (Vista 32) *should anyone specifically target this driver*. UAC is usually protected against injected input, but this input will appear as hardware input.

It is not copied to the windows/system32 directory so moving the path where octomouse.sys is found will cause loss of mouse control after a reboot. Comments below are based on my

experience in XP, may differ in Vista.

Problem: BSOD on boot

Solution: Safe mode does not suffice. You need an XP/Vista recovery disk with a console of some sort, go to the location where Octopus is and delete or rename 'octomouse.sys'. After doing this you will be able to boot, but will loose mouse control, read on.

Problem: No mouse control

Solution: Open the registry editor and find "*HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Class\{4D36E96F-E325-11CE-BFC1-08002BE10318}*". It will contain an UpperFilters key which is a multi string containing all the filters (normally just mouclass). The last one should be mouclass and octomouse is installed one before mouclass. So you then remove the 'octomouse' entry so its just a single line containing 'mouclass'. Then reboot.

The actual entry octomouse in the UpperFilters key points to a driver service located at "*HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\octomouse*". This doesn't actually load anything by itself to my knowledge unless octomouse is entered to the UpperFilters key, however an invalid entry in the UpperFilters key will also cause total loss of mouse control, as will deleting octomouse.sys without uninstalling the mouse filter.

So if you can't edit the registry without a mouse, you should not proceed.