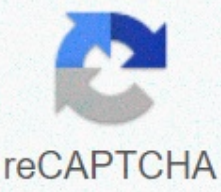




I'm not robot



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Logitech marble mouse scroll mac

I love my Logitech Marble Mouse. It's really the best mouse I've ever owned. And it works really nicely in Linux, especially thanks to this amazing Ubuntu wiki page. And, reportedly, it works really nicely in Windows too, with Logitech mouse configuration software (which I'm absolutely not good at as I refuse to run Windows). But I can not automatically scroll (where you keep one of the smaller buttons and move marble to roll) to work in OS X. I almost broke down and bought a new Kensington Trackball mouse like kensington K72337US Orbit Trackball with Scroll Ring for PC or Mac, Kensington Expert Mouse Optical USB Trackball for PC or Mac (this still really tempts me), or Kensington Slimblade TRACKball USB 2.0 for PC and Mac, (this is sexy as hell!!!), but everyone has their flaws Orbit is great and seems to work in Linux, but it only has 2 buttons. Experts have 4 buttons completely programmed, and I think it has a physical roll ring, but I've read that the new model is really bad on your wrist due to the high angle. And Slimblade Trackball looks great, but from what I read, the reels are done by twisting the trackball and that is done completely in the software, of course Kensington did not give Linux. However, I did find a suggestion that I came to a 95% working solution by reading Google's archived copy of the second page of this expired Logitech forum post. (UGH!) Specifically, Another_User says this: I found one that works pretty well using a combination of Smart Scroll and ControllerMate. In the trackball control the 4-box button is connected directly to a switch box connected to a box button outer. The attribute of the input button box is: when turned on: down button, when off: up button;, with mouse button: #7 Smartcontrol button works grabscroll with button #7, check wihtout move cursor and reverse axis. So I gave this a shot and made it work! In fact, you don't need ControllerMate. I got this to work using Logitech Control Center for OS X, configuring two small buttons (node 5 and node 4) to report myself as buttons 7 and 8 using Advanced Click, and then I used SmartScroll to pick up on 7 buttons to do grabscrolling. This seems to work really well in OS X apps, like Chrome, etc., but scrolling doesn't translate well in X apps like NX Client or VNC even. But it's better than before, so I'm definitely happier than before. I'd still get Kensington SlimBlade Trackball working in Linux though. Anyone out there successfully getting moved with trackball to work? I recently moved into a standardized office on Apple pc and ran into something that I used with Linux that I know is to drive me nuts on a Mac. I use Logitech MarbleMouse, a trackball without mouse wheels. On Linux, there is a configuration option (EmulateWheel and EmulateWheelButton in evdev) that allows you to press a button and have mouse/trackball motion that acts as a scroll wheel. Is there anything equivalent on Mac? May 26, 2008 117 1 Singapore Hi no one knows how to do the above? by default, there are 2 buttons; one for moving up and the other for down. anyone who knows how to do assigning a button can do both, i.e.: hold down the button and den turn the ball to move in any direction. Thank! this is very useful to me as it frees up other buttons for something else like moving backwards while surfing. You can't take that action at this time. You're signed in with a different tab or window. Reload to refresh your session. You're signed out in a different tab or window. Reload to refresh your session. I have a Logitech Marble Trackman and I really like it. I spend a lot of time on web browsers and code editors. I was wondering if there might be a feature like when I hit the Key Option trackball to become a moving wheel. So I can use trackball for both cursor scrolling and scrolling. Logitech Marble Mouse is a pointing device with four buttons and a trackball, also known as trackman Marble. Marble Mouse can be used with left or right-handed. It requires several configurations to allow movement with trackball. For detailed images, see: Logitech Marble Mouse (or here). Mouse settings are detected at the time of startup or whenever it is plugged hot into a boot system, automatically. No special installation is required. Configure a template For more information about the options available, see the configuration details of libinput. libinput GDM 3.16 and XFCE 4.12 use libinput. The following configuration steps are known to work as of January 23, 2019: Install xf86-input-libinput Edit/etc/X11/xorg.conf.d/10-libinput.conf. Add the following: InputClass Identifier Marble Mouse MatchProduct Logitech USB Trackball Driver libinput Option ScrollMethod button Option ScrollButton 8 Option MiddleEmulation true EndSection This: Allows horizontal and vertical scrolling by pressing and holding the small left button while moving the trackball. Allow choy clicks by simultaneously pressing two large buttons. Use the small left button to review. Use the small button on the right to browse forward. Or more: InputClass Identifying Marble Mouse MatchProduct Logitech USB Trackball Driver libinput Option ScrollMethod button Option ScrollButton 9 Option MiddleEmulation true Option HorizontalScrolling false Option ButtonMapping 1 2 3 4 5 6 7 9 8 EndSection This: Allows vertical movement by pressing and holding the small button on the right while moving the trackball. Horizontally disabled Allow choy clicks by simultaneously pressing two large buttons. Use the small left button to browse forward. Use the small button on the right to review. The basic hardware ID functionality for Marble Mouse buttons remains constant, regardless of device configuration. When no additional configuration is specified, the buttons are mapped to the following functions: ID Hardware action results 1 Large button left click normal 2 Both large buttons right click on ↑ 3 Large right-click buttons 4 (not a button) - 5 (not a button) - 6 (not a button) - 7 (not a button) - 8 Small button left browser or 9 Small buttons right in the forwarding browser Note: Both large buttons are pressed simultaneously creating a middle click. ↑ Clicks are simultaneously triggered by a configuration directive. It requires emulate3buttons. The term middle-click and click the wheel is used instead of each other in this document. Alternative clicks can be used instead of right-clicks. Typically, this pops up a context menu. The results shown above occur when no add-on keys are pressed. A different result can occur when an add-on key such as Ctrl is held while a button is pressed. The action hardware ID results in 4 scrolling the ball down moving the cursor down 5 ball rolls up moving the cursor up to 6 reels of left ball moving the left cursor 7 ball rolls right moving the right cursor Note: cursor movement occurs when no modifications are used. A modification used in combination with rolling motion can produce an alternative result. Modification refers to a key (such as Ctrl) or a button (as in a mouse button) that is held while the trackball is scrolled. Note: Marble Mouse trackball can perform document moves, like a mouse wheel. Moves occur when the migration add-in is held down while the trackball is rolled. You must provide at least one minimum configuration to enable this feature. Using trackball in wheel mode may require some unusual gestures on the part of the user. For example, using a wheel mouse, you can resize the fonts displayed in your web browser with the Ctrl + wheel_roll gesture. With trackball, this becomes Ctrl + hold_button + ball_roll. Configuration You can find it useful to just jump to the template configuration and try it out. The configuration section contains information that may not be of interest to you. Most Arch users will use a modern version of server X that requires udev hot plug. Gnome 3 is used, for example, in Ubuntu 12.04. Button and trackball After you locate the sample configuration file, you may want to change it. You only need to interest yourself with three or four set lines. Assign a button You might want to assign a new action to press the button. This is done by setting the location parameters. Values can be changed for nodes 1, 2, 3, 8, and 9. 2 simply press combinations two big buttons.) Do not change parameters 4, 5, 6 or 7. # This line makes the default button exercises. Option ButtonMapping 1 2 3 4 5 6 7 8 9 An obvious reason to assign different button actions is to accommodate left-handed positions. # This line switches to large left and right buttons, and nothing else. Made for left-handed users. Option ButtonMapping 3 2 1 4 5 6 7 8 9 Another reason to reassign is when you don't like normal exercises - especially small buttons. The line below changes the button action 2 to the browser forward. The two parameters (both large buttons) are given a value of 9 for the browser forward. The line below also reassigns both small buttons. We want them to play out middle clicks. (Either button can be clicked separately.) Parameters eight and nine are given a value of 2 for the middle click. # Three buttons are given new exercises. Made for right-handed users. Option ButtonMapping 1 9 3 4 5 6 7 2 2 Parameters are set in order of numbers. The parameters you can modify are 1, 2, 3, 8, and 9. Parameters 4, 5, 6 and 7 should be left alone; they correspond to the movement of baseball. Both large buttons click in combination As stated, node 2 is a simultaneous tap of two large buttons. Testing shows that, in the event of no configuration directive, this action produces an inconfigured result. It appears to release some commands, but the result is inconsistent with my expectations of middle clicks. The result seems to depend on which object is most important. It is inappropriate regardless. You need to activate the match-click: # Emulation3Buttons refers to the action of the buttons press A and D # simultaneously to simulate a middle click or click wheel. The Emulation3Buttons option is true This is enough to allow the default mapping of the 2 button, which is the click wheel. See the minimum configuration. In May 2012, there was a problem with Gnome 3 and the middle click simulation. Gnome 3 is used, for example, in Ubuntu 12.04. Gnome 3 also sets the middle click property, and the default is false. Because Gnome performs its settings after Xorg, the Gnome setting overrides the xorg settings, and emulation is disabled. The Gnome settings can be changed with this command: gsettings set org.gnome.settings-daemon.peripherals.mouse between the correct activation buttons You only need to do this once (per user) as Gnome remembers the settings between sessions. There is a launchpad error on this issue in case you are interested. Modified scrolling A huge limitation to Marble Mouse is the lack of roll wheels or roll rings. This limit is fixed by assigning a scroll modification tool: a mouse button that allows trackball to move. When the scroll modification tool is organized, the trackball rolls. Although a migration add-in is assigned by default (see basic functionality), the migration add-in is not enabled by default. In addition to turning on the scroll modification tool,

you can also it's on another button. Note: The scroll button has a click function in addition to its scrolling function. The scroll modification tool is a function that presses and keeps separate from the click function. The best option for the scroll modification tool is one of the small buttons. Unfortunately, the standard click actions for those buttons are very awkward. I recommend reassigning click actions to small buttons. Standard scrolling settings define small buttons to scroll - that's fine , - but the same button with the default click action is the browser again. A better option is to click between. The middle click corresponds to what you would expect from years of using the wheel mouse. Set complaints aside (they are resolved by reassigning small buttons), you specify a button to become a scrolling modification tool: The EmulateWheel true Option EmulateWheelButton 8 # Button 8 is a small button on the left side, which works well for right-handed users. # Button 9 is a small button on the right side, which works well for left-handed users. # Button 2 cannot be assigned as a scrolling modification tool; AKA EmulationWheelButton. Disable horizontal scrolling A specific configuration line that allows horizontal scrolling. You disable horizontal migration by commenting that line out. # Hash marks disable the configuration line. # Option XAxisMapping 6 7 I use both directions of movement, but some may find this restriction useful. You can't disable vertical moves in a similar fashion – not that you'll want to, anyway. On the right or left The previous sections explain how to modify your configuration file for the left or right position. Occasionally, you may want to switch between using left-handed and right-handed. I do this when I feel the early signs of repetitive stress trauma. To switch to the opposite location, I manually edited my configuration file and restarted server X. Comments in the file reminded me of the lines to change. You can come up with a scenario to make conversions more automated, if you want. With Arch Linux, I prefer a lightweight or nonexistent desktop environment that runs the Openbox window manager. Other desktop environments may have utilities to simplify —or be complex, depending on how you view —switching between right and left. With Ubuntu 10.10, for example, you only need to tick a box in the mouse panel to effect a button switch. (You must change the configuration file to get the correct roll modification transfer, however. Additionally, Ubuntu skips large node exercises in the configuration file; the panel makes them unnecessary.) System-full or per-user Note: Section is being modified. Please go to the template configuration If you want to configure the system wide, you can add this line to InputDevice-Section. Option ButtonMapping 1 8 3 2 9 For one configuration per user, you need put this in yours you pleaseput set-button-map Logitech USB Trackball 1 8 3 4 5 6 7 2 9 10 11 12 13 Xorg input hotplugging Note: Section undergoes modifications. Please go to the Two Exhibition template configuration which helps you configure a trackball with buttons to click, middle click, right click and scroll. The first presentation uses Xorg Hotplugging inputs; Second, no. Edit them to suit your interests. Add this entry to your /etc/X11/xorg.conf: InputClass Identifier Logitech Trackball MatchBall Trackball Option ButtonMapping 1 8 3 4 5 6 7 2 9 EmulateWheel True Option EmulateWheelButton 9 Option XAxisMapping 6 7 EndSection To learn more about the parameters used, you should read the appropriate section in the evdev man page. Without Xorg hotplugging Note: The section undergoes modifications. Please go to the mouse device entry template configuration in /etc/X11/xorg.conf which looks like this: Mouse0 Mouse Options Mouse Driver InputDevice Part /dev/input/mice ExplorerPS Protocol Options/2 Option Button 9 Options ZAxisMapping 4 5 Options XAxisMapping 6 7 Emulation OptionsWheelButton 9 Correct Racing Options EndSection Automatic Options for Protocol works well, too. Of course you can use the name you like as an identity, as long as it is the same as you use as InputDevice in the ServerLayout section. Gnome 3 and Wayland When running Wayland, the above configuration files have no effect. Gnome 3 does not, however, offer a limited set of configuration options that allow simulating the mouse wheel and adjusting the acceleration behavior of the mouse pointer. The Gnome mouse wheel simulation provides the option to assign an add-on scroll button. To do this, type the gsettings set org.gnome.desktop.peripherals.trackball scroll-wheel-emulation-button <button_id>, where the mouse button id will act as the <button_id>(see basic functionality). To deactivated the mouse wheel simulation, set this score to 0. Trackball acceleration configuration can be configured to use flat or adaptable acceleration configuration or only use its default configuration. To do that, set up settings org.gnome.desktop.peripherals.trackball accel-profile <profile>desired value. Sway and Wayland When running Wayland, the above configuration files do not work. Sway offers a limited set of configuration options to enable mouse wheel simulation and adjust the acceleration behavior of the mouse pointer. In your swaying configuration file, add the following to allow movement with marble while the small left button is pressed: input 1133:50184:Logitech_USB_Trackball { scroll_method on_button_down } Plasma and Wayland When running a Plasma desktop session in Wayland, you can configure the migration with qdbus, you just need to find the correct number of events.<profile> <button_id> <button_id>you can identify from /dev, for example, event=\$(basename \$(readlink /dev/input/by-id/usb-Logitech_USB_Trackball-event-mouse))qdbus org.kde.KWin/org/kde/KWin/InputDevice/\$event org.kde.KWin.InputDevice.scrollOnButtonDown true Sample configuration In this example, either small button can be clicked to send a wheel click. Wheel-click means the same as the middle click here. In addition, one of the small buttons offers reels in combination with trackball. Note that only a small button is scrollable, although both small buttons can click on the wheel. Finally, click both large buttons and send the browser event back. There is no button to send the browser forward. ID Hardware action results (this configuration) New task 1 Large button left normal click 1 2 Both large button browser back 8 3 Large right-click button 3 8 Small left button ↑ wheel click 2 9 Small button on the right ↓ click wheel 2 Note: Both large buttons press simultaneously results in the back browser. One of the two small buttons, when clicked, leads to a middle click. ↑ this small button allows the trackball reel to be retained. It is a scrolling modification tool. © This button can be mapped to scroll the function instead. This button works better for the left position as it is located near a person's left thumb. Only one button can be assigned as a scrolling modification tool as far as I know. The following lines are hooked on /etc/X11/xorg.conf.d/10-evdev.conf Note: Users of other Linux distributions can find the configuration file in another location. Ubuntu uses /usr/share/X11/xorg.conf.d/10-evdev.conf Note: The scroll described below does not work on Cinnamon as of March 2018 - but the libinput configuration is put into operation later. This example is set for the right position with horizontal scrolling disabled. # - - - Logitech marble mouse settings - # # Logitech Marble Mouse buttons mapped [A-D] from left to right: #A (large); B (small) | C (small); D (large). # # Preferred options for right-handed use: #A = normal click [1] #B = middle click [2] #C = middle click [2] #D = right click [3] # Hold down the B button while rolling the trackball to simulate the moving wheel. # # Preferred options for left-handed use: # A = right click [3] # B = middle click [2] # C = middle click [2] # D = normal click [1] # Hold down the C button while rolling the trackball to simulate the moving wheel. # Pressing both large buttons at once (b) creates a back action. InputClass Identifying Marble Mouse MatchProduct Logitech USB Trackball MatchIsPointer on MatchDevicePath /dev/input/event* Driver evdev # Physical Button #s: A b D - - - B C # ButtonMapping Option 1 8 3 4 5 6 7 2 Right-handed position # ButtonMapping option 3 8 1 4 5 6 7 2 2 positions to the left #b = A&D Option ButtonMapping 1 8 3 4 5 6 7 2 2 # Emulation: Use Marble Mouse trackball as mouse wheel #Factory Default: 8; Use 9 for the right small button EmulationWheel correct EmulationWheelButton 8 # EmulationWheelInertia: How far (in the photo) the cursor must move to # create buttons / release events in wheel simulator mode. # Default factory: 50 Emulation OptionsWheelInertia 10 # Axis Mapping: Vertical activation [ZAxis] and horizontal [XAxis] move Option ZAxisMapping 4 5 # Option XAxisMapping 6 7 # Emulation3Buttons: Necessary to explain the simultaneous press of two large #buttons, A&D, as a separate command, b. # Factory Default: true Option Emulate3Buttons true EndSection Restarting X Changes made to xorg configuration files is not valid until session X is restarted. To restart session X, simply sign out of your window manager and sign back in. Minimum configuration Use evdev Note: The scroll described below does not work on Cinnamon as of March 2018 - but the libinput configuration is given later to work. Sometimes it can be useful to start with absolute minimums and build from there. This is one aspect of The Arch Way. In this spirit, I decided how many lines I could use to create a usable Marble Mouse configuration. You can skip all the configuration lines and Marble Mouse can still be used for basic pointing and clicking. However, it will not be able to scroll. Simultaneous clicks of both large nodes produce inde identifen results - testing shows this. Given that you're happy with the default button settings and you just want to activate both large scrolling and click buttons, you need these lines. The following lines are connected to /etc/X11/xorg.conf.d/10-evdev.conf. InputClass Designity Marble Mouse MatchProduct Logitech USB Trackball Optional EmulateWheel true Option EmulateWheelButton 8 Option XAxisMapping 6 7 Option Emulate3Buttons true EndSection Additional tweaks Console (gpm) See Console mouse support for details. In the dashboard, you can use gpm with the type option set to imps2. Edit /etc/conf.d/gpm so that: GPM_ARGS=-m /dev/input/mice -t imps2 This allows you to use the large left button to select the text and the right button to expand the selection. The small left button acts as a middle click; it paste selection. Chromium Browser By default, Chromium treats a middle click as a paste command. This choice is rooted in the Linux tradition, not the erratic will of a developer. Like myself, you may prefer a Windows approach. I want the middle button(s) to start scrolling automatically, without pasting: The AutoScroll browser extension allows the middle click to start scrolling automatically. This extension is useful for any Linux user who has mouse, not just Marble Mouse users. A middle click initiates an automatic scroll when you click on a blank area of your website. When you program both small buttons to play out the middle click, either button can start scrolling automatically. It's a click function. When you program one of the small buttons to act as a scrolling converter (mouse setup), you can manually scroll webpages without editing the browser. It's a press and hold function. (I recommend installing AutoScroll although it is not absolutely necessary to move.) After you assign the scroll modification tool to one of the small buttons, the small buttons work slightly differently. The difference is seen when you compare their pressing and holding behaviors. Be sure to install AutoScroll; Auto Scroll extensions with similar names perform another feature. This information also applies to a browser called Google Chrome. Firefox Browser Earlier versions of Firefox map hardware scrolling horizontally to perform browser navigation back and forward to the browser. This makes vertical movement using trackball almost impossible. The smallest horizontal motion triggers URL redirects. To fix this: Type about:config in the Find internal variable location bar named mousewheel.horizscroll.withnokey.action. Set its value to 0. It can be useful to set mousewheel.horizscroll.withnokey.numlines to 1 as well. See more

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