login with your Ifs account view source history discussion Commands Contents [hide] 1 Command line options 2 List of commands navigation 2.1 Host commands Main Page 2.2 Local commands Recent changes 2.3 Car Strings Random page 2.4 Mods Help 2.5 KEYS for the /key command links 2.6 Function names for the /button AND /key commands ■ LFS Main Site 2.7 Function names for the /axis AND /invert commands ■ LFS Forum 2.8 Unassigning a button or axis ■ LFS World 2.9 Parameters for the key commands (press / shift / ctrl / alt) search 2.10 Multiple commands on single line Search LFS Manual 2.11 LFS World info **Go** Search Command line options toolbox What links here LFS can be started using a command line or another program. Related changes Before selecting host options, you may find it helpful to run LFS and try out the options on the Start New Host screen - the required upload bandwidth for those options is displayed on screen. Upload file Special pages A command line or a command file is required for dedicated hosts. Printable version Permanent link List of commands ■ Page information The following command, if used, must be the first command on a command line or the first command in a command file. /settings=X.txt - load settings from X.txt instead of cfg.txt If the following command is used it must be before any other commands. /join=Host Name - join an internet server The following command may only be used after /join. /pass=Pass - if required - password The following commands are mainly for hosts but may also be used to override various cfg.txt settings or start InSim. Command Description Example if required - local specified IP address /ip=192.168.1.1 /ip=X.X.X.X/port=50000 a high number below 65536 /port=X /mode=X server mode to restrict allowed cars & tracks /mode=s2 whether to use the master server /usemaster=X /usemaster=yes track and config /track=XXCR /track=FE2X track weather preset /weather=X /weather=2 allowed cars - see below: Car Strings /cars=FXO+XRG /cars=XXX max number of guests that can join host /maxguests=6 /maxguests=X /adminslots=X slots reserved for admins /adminslots=2 max number of cars in a race /carsmax=8 /carsmax=X /carshost=X max number of cars (real+AI) on host PC /carshost=2 max number of cars (real+AI) per guest PC /carsguest=2 /carsguest=X smoothness - number of car updates per second /pps=6 /pps=X qualifying minutes, 0 for no qualifying /qual=X /qual=10 /laps=X number of laps, 0 for practice /laps=8 /wind=X wind strength /wind=2 /dedicated=X dedicated host mode /dedicated=yes can guests vote to kick or ban /vote=yes /vote=X /select=X can guests select track /select=yes /rstmin=X no restart for X seconds after race start /rstmin=30 /rstend=X no restart for X seconds after race finish /rstend=60 how the server reacts to wrong way drivers /autokick=X /autokick=ban /midrace=X join during race /midrace=yes pit stop required /mustpit=yes /mustpit=<u>X</u> refuelling allowed /canrefuel=yes /canrefuel=X /showfuel=X remote cars fuel visible /showfuel=yes /canreset=yes /canreset=X allow car reset /fcv=X force cockpit view /fcv=yes /cruise=X allow wrong way /cruise=yes allow mods /allowmods=yes /allowmods=Xno / yes (allow unapproved mods) /unapproved=X /unapproved=yes default race start grid order /start=random /start=X avoid or enter VR mode /vr=X /vr=on listen for InSim /insim=29999 /insim=X/player=X use the specified player name /player=John Doe /windowed=Xwindowed mode - overrides the cfg.txt setting /windowed=yes MPR autosave /autosave=<u>X</u> /autosave=2 /mprdir=X set the data folder for saving multiplayer replays /mprdir=multi /lytdir=X set the data folder for autocross layouts /lytdir=my layouts You can use a command file xxx.txt instead of a long command line. The command file contains the command line parameters. The parameters can be spread onto several lines. The command file can contain comments, starting with two slashes //. Then the command line would be simply: LFS.exe /cfg=xxx.txt (where xxx.txt is the name of the config file) **Host commands** Some text commands are intended for hosts and administrators. Using the normal text message system (pressing T in a normal host or typing into the virtual console at the host management web interface: https://www.lfs.net/hosting/admin 🗗), the message becomes a command if you start it with a slash character (/). For most commands with parameters, you can retrieve their current status by omitting the parameter (for example /rstend feeds back the currently active setting). Simple commands with no parameter Command Description /restart start a race start qualifying /qualify /end return to race setup screen /help get list of commands /ck cancel any kick or ban votes in progress /cv cancel game votes (restart / end / qualify) /zero_all reset lap counters on all cars Commands with a parameter - race setup screen Command Description Example /track BL1R track and config /track FE2X /track XXCR [W] /track SO4 3 lighting /weather <u>W</u> /weather 1 qualifying minutes (0 = no qualifying) /qual X /qual 10 number of laps (0 = practice) /laps 5 /laps X number of hours (if laps not specified) /hours 24 /hours X /wind X /wind 2 wind strength Commands with a parameter - any time Command Description Example /maxguests X max number of guests that can join host /maxguests 40 /adminslots X slots reserved for admins (0 to 8) /adminslots 2 max number of cars in a race /carsmax 40 /carsmax X /carshost X max number of cars (real+ai) on host pc /carshost 5 /carsguest X max number of cars (real+ai) per guest pc /carsguest 1 smoothness (3-12) maximum car updates per second /pps 12 /pps X /msg Hello! /msg X send system message /vote X no / yes (allow guest voting) /vote yes /select X no / yes (guests select track) /select no no restart for X seconds after race start /rstmin 60 /rstmin X /rstend X no restart for X seconds after race finish /rstmin 120 result blockers spectate with DNF after X seconds /specdnf X /specdnf 25 /autokick X action to take on wrong way drivers (no / kick / ban / spec) /autokick spec /midrace no /midrace X no / yes (join during race) /mustpit X no / yes (pit stop required) /mustpit yes /canrefuel X no / yes (refuelling allowed) /canrefuel yes /showfuel X no / yes (remote fuel gauges) /showfuel no no / yes (allow car reset) /canreset X /canreset no /fcv no /fcv X no / yes (force cockpit view) /cruise X no / yes (allow wrong way) /cruise no no / yes (allow mods) /allowmods yes /allowmods X/unapproved X /unapproved no no / yes (unapproved mods) fixed/finish/reverse/random (default race start) /start finish /start X set new password (BLANK = no password) /pass X /pass secret /setlap USERNAME Y set user's current lap to Y (negative = subtract) /setlap winnerjoe 4 set user's number of stops to Y /setstops USERNAME Y /setstops yettopitjoe 0 /cansiren USERNAME Y allow or disallow siren (Y = 0 or 1) /cansiren averagejoe 0 /ujoin USERNAME adds user to the race /ujoin spectatorjoe /uai USERNAME /uai spectatorai adds user's AI driver to the race /cars XFG+XRG+FOX /cars [cars] see below: "Car Strings" /cars-=FOX /mods C52608 /mods [mods] see below: "Mods" /mods ALL spectate anyone who is driving a disallowed car /enforce /enforce /welcome X.txt set welcome text file /welcome warmwelcome.txt set list of allowed tracks /tracks X.txt /tracks mytracks.txt MPR autosave (0 = no / 1 = manual / 2 = auto) /autosave X /autosave 2 save MPR with name X (autosave must be 1 or 2) /save_mpr myfirstwin /save_mpr X flush mpr to file every X seconds (0 = disable) /mprflush X /mprflush 0 /ndebug X no / yes (network debug) /ndebug no /h_mass averagejoe 10 set X kg of added mass for user's car /h_mass username <u>X</u> /h_mass averagejoe 5 /h_tres username X set X % of restriction for user's car no / yes, arrows on non-race small map use name colour /teamarrows yes /teamarrows <u>X</u> **Autocross layout commands** Command Example Description get list of layouts for track X - e.g. AU1 /axlist X load layout X on host /axload X save layout X on host /axsave X /axlaps X set autocross number of laps clear layout /axclear Ban / kick / spectate commands - any time Description Command Example /spec X make user X join the spectators /kick X disconnect user X /ban X Y ban user X for Y days (0 = 12 hours) /unban X remove ban on user X /pitlane X send user X to the pit lane /pit_all send all cars to the pit lane **Penalties** Command Description Example /p_dt USERNAME give drive through penalty /p_sg USERNAME give stop-go penalty /p_30 USERNAME give 30 second time penalty /p_45 USERNAME give 45 second time penalty /p_clear USERNAME clear a time or pit penalty Race Control Messages (big text in centre of screen): Command Example Description set a Race Control Message to be sent /rcm MESSAGE send the RCM to USERNAME /rcm_ply USERNAME send the RCM to all /rcm_all /rcc_ply USERNAME clear USERNAME's RCM clear all RCMs /rcc_all **Local commands** Most of these text commands replicate functions usually controlled by pressing on-screen buttons but can be useful in other situations, for example by binding them to a wheel button or when controlling LFS from an external program using InSim. Race setup screen only Command Description set ready /ready cancel ready /cancel clear all racers from list /clear Race setup screen or in game Command Description Example /car XXX select car /car XRT select setup X (default if no X) /setup [X] /setup BL_race select colour X (default if no X) /colour [X] /colour My colours /join join the race /ai [NAME] add AI driver (can specify NAME) /ai AI 1 spectate or leave grid /spec disconnect from host /leave /player X select existing player X /player John Doe /lang X load language X (data/language/X.txt) /horn X select horn type X (1 to 5) /siren off/slow/fast switch siren (if allowed by host) /cp copy free view text to clipboard /cp X restore previously copied free view /cp -43992498 30282396 797584 -198 112 0.0 50.0 /axsel copy selected objects text to clipboard set AI skill level (for adding AI) /aiskill /aiset NAME X /aiset AI 1 2 set Al driver to skill level X (1 to 5) set all local Al drivers to skill level X /aiset_all X /aiset_all 2 Mode / replay control Example Command Description run single player replay from entry screen /spr X /spr Blackwood race run MP replay from entry screen /mpr X /mpr temp_mpr exit from replay back to entry screen /end /sp go into single player from entry screen /mp IP PORT join local server from entry screen /mp 1.2.3.4 56789 join internet server from entry screen /join HOSTNAME /join Race Server simulate packet delay of X ms /mprlag X /mprlag 40 0 / 1 (disable or enable input smoothing) /mprsmooth 1 /mprsmooth X Any time Command Description exit LFS /exit return to entry screen /entry auto select TV camera on spectate /spectv no/yes total speed steer reduction (0 to 1) /speedreduce X speed in m/s for half of reduction /reducehalf X /loadkb X load kb settings file (data\misc\X.kbs) save kb settings file (data\misc\X.kbs) /savekb X /out X only seen by external programs set message log file /log X.txt /refresh refresh list of setups / hosts / replays reload shaders /rsh reload textures /rtex set window client area width and height /window X Y /window adjust window (no param = restore) [min/max/monitor/virtual] In game: /status none|F9|F10|F11|F12|next|prev - sets status screen E.g. /status next will cycle through the F9 to F12 status screens (you could assign it to a CTRL+ or ALT+ key and then a wheel button) /light ind [off/left/right/all] - switch indicators/hazard
/light head [off/side/low/high/low_off/low_high/next/prev]
/light [rfog/ffog/extra] [off/on/toggle] - switch fog/extra
/light all [off/on] - all switchable lights off/on at once F11 and F12 menus: /liveset and /pitins You can use operators: = (set value) += (add to value) -= (subtract from value) Available options for /pitins: fuel, tyres, repair, symmetric ftyre, fcamber_1, fpressure_1, fcamber_r, fpressure_r, fwing rtyre, rcamber_1, rpressure_1, rcamber_r, rpressure_r, rwing cancel, fcamber, fpressure, rcamber, rpressure Available options for /liveset: bbal, farb, rarb Examples for both: /pitins ftyre = r3 : change front tyres to R3 in pit stop /pitins rtyre = super : change rear tyres to road super /pitins fpressure = 1.1 : set front tyre pressure to 1.1 bar /pitins fpressure += 0.1 : increase requested pressure by 0.1 bar /pitins cancel : cancel all pit instructions /pitins tyres always : change all tyres /pitins tyres 20 : change tyres if wear > 20% /liveset bbal 60 : set brake balance to 60% /liveset rarb -= 0.1 : decrease rear anti-roll bar by 0.1 /pitins pressure commands can accept unit (psi/bar) (no unit = bar) E.g. /pitins fpressure 30 psi Useful commands for scripts and controller buttons: /run X :run the script X (data\script\X.lfs) (with command line C) /exec E C :run program E :like exec but LFS hangs until E exits /wait E C - field of view /fov [degrees] [car/filter/horizon] - view lock /vlock [joystick/axis/steer/mouse_x/mouse_xy] /lookf /control [mouse_kb/wheel_js] - controller type - force feedback strength /ff [0-200] /axis [axis] [function] - e.g. /axis 2 throttle (see below) /invert [0/1] [function] - e.g. /invert 1 brake (see below) /button [button] [function] - e.g. /button 5 shift up (see below) /key [key] [function] - e.g. /key Q handbrake (see below) [degrees] - 1g head tilt /head_tilt /lateral_shift [m] - 1g lateral shift - 1g forward shift /forward_shift [m] 1g vertical shifthide or show text (SHIFT + F) /vertical_shift [m] /hidetext [yes/no] [0/1/2] block messages (none / user / all) /block /showmouse [yes/no] show or hide mouse (SHIFT + Z) - same as typing a chat message /say [message] - show text only on local screen [text] /echo change text e.g. "ctrlf 1 hello"change text e.g. "altf 1 bye" [num] [text] /ctrlf [num] [text] /altf - specify turn angle of controller /wheel_turn [degrees] simulate key press (see PARAMETERS) /press [key] - SHIFT + key /shift [key] - CTRL + key /ctrl [key] /alt [key] - ALT + key - turn autoclutch off / on /autoclutch [0-1] /shifter [auto/sequential/shifter] - shift type [fol/heli/cam/driver/custom] - select view /view position and orientation (default F8) /vr reset /vr reset_headset - instantly reset headset position /vr use_relative - instantly use relative position /vr [on/off/toggle/rift/openvr] - instantly enter or leave vr mode /view save - save any changes made to a custom view reload custom view (without saving) /view reload ■ IN A SCRIPT: //comment - this line is ignored ■ IN CHAT BOX: //xxx - short for /run xxx **Car Strings** The /cars command for hosts or admins uses 3-character car codes. :allow XF GTI and XR GT /cars=XFG+XRG :allow MRT5 only /cars=MRT These Car Groups can be used as well: ALL - all cars ROAD - road legal cars RACE - race cars ■ TBO - same as XRT+RB4+FXO ■ LRF - same as LX6+RAC+FZ5 ■ GTR - same as FXR+XRR+FZR The plus and minus symbols can be used in conjuction with these: /cars=TBO+LX4 :allow XRT, RB4, FXO and LX4 /cars=ROAD-UF1 :allow all road cars except the UF 1000 :add XRT to the current list of cars /cars+=XRT /cars-=BF1 :disallow the BF1 Mods The /mods command for hosts or admins uses 6-character mod codes for vehicle mods. /mods=C52608+B7B8DC :set a list of allowed mods /mods+=FC2B6F :add to list /mods-=C52608 :remove from list /mods=ALL :remove the list and set /allowmods=yes /mods=NONE :remove the list and set /allowmods=no **KEYS** for the /key command A to Z 0 to 9 space up, down, left, right pgup, pgdn mousel, mouser, mousem wheelu, wheeld Function names for the /button AND /key commands steer_left steer_right steer_fast steer_slow throttle brake shift_up shift_down clutch, handbrake left_view right_view rear_view horn flash reset pit_speed tc_disable ignition zoom_in zoom_out vr_click escape virtual_kb talk reverse gear_1 - gear_7 ctrl_f1 - ctrl_f12 alt_f1 - alt_f12 Function names for the /axis AND /invert commands steer combined throttle brake lookh lookp lookr clutch handbrake shiftx shifty Unassigning a button or axis To unassign a button or axis from a function, you can assign -1 to that function. Examples: /button -1 shift_up :unassign the shift up button /axis -1 clutch :unassign the clutch axis Parameters for the key commands (press / shift / ctrl / alt) Letters A to Z Numbers 0 to 9 F1 to F12 up, down, left, right space, enter, esc, tab less, more, minus, plus Multiple commands on single line Multiple commands can be added on a single line which sometimes can avoid the need for a script file, e.g. to set a button to change tyres in pit stop, you could use a double command: /pitins ftyre super /pitins rtyre super NOTE: some commands cannot be followed by another command: /say /echo /join /rcm /pass /msg /altf /ctrlf **LFS World info** You can retrieve LFS World info and statistics from in-game as well, by using the following text commands. Basic usage: /w COMMAND USERNAME - (eg. /w pb or /w pb johndoeracer) /ws TRACK CAR COMMAND - (eg. /ws bl1 mrt laps) **Example 1 (core command for own stats, current combo)** Example 2 (someone else's stats, current combo) **Example 3 (/ws for custom combos)** Command Description Output Usage Output Usage Usage Output LFSW - PB on SO4 XRG: 2:04.80 LFSW - PB for [username] on SO4 XRG: 2:04.08 LFSW - PB for [username] on FE4 FOX: 2:17.81 pb personal best on this track with this car /w pb /w pb [username] /ws [track] [car] pb [username] LFSW - Split1 0:34.83 - Split2 1:19.57 LFSW - Split1 0:34.48 - Split2 1:18.83 LFSW - Split1 0:48.78 - Split2 1:27.23 - Split3 1:41.14 hotlap hotlap on this track with this car /w hl LFSW - hotlap time: 1:24.65 /w hl [username] LFSW - hotlap time for [username]: 1:31.99 /ws [track] [car] hl [username] LFSW - hotlap time for [username]: 0:43.90 hl LFSW - WR by [wrholder] : 1:31.52 (21 Oct 2017) LFSW - WR by [wrholder] : 1:04.32 (16 Feb 2016) world record on this track with this car /ws [track] [car] wr /w wr wr LFSW - Split1 0:25.45 - Split2 1:04.04 LFSW - Split1 0:16.53 - Split2 0:44.86 laps laps on this track with this car /w I LFSW - lapcount on BL2R XRG: 45 /w I [username] LFSW - lapcount for [username] on BL2R XRG: 140 /ws [track] [car] I [username] LFSW - lapcount for [username] on RO9 FBM : 79 fuel LFSW - fuel usage on BL2R XRG : 0.99 % per lap LFSW - fuel usage for [username] on BL2R XRG: 1.02 % per lap /ws [track] [car] f [username] | LFSW - fuel usage for [username] on RO9 FBM: 0.81 % per lap fuel usage on this track with this car /w f /w f [username] tlaps LFSW - laps driven in total for [username] : 47502 all-time driven total laps /w tl LFSW - laps driven in total : 36143 /w tl [username] distance LFSW - driven distance for [username] : 214291 km LFSW - driven distance : 112156 km all-time driven total distance /w ds /w ds [username] ds win all-time race wins /w 1 LFSW - won races: 459 /w 1 [username] LFSW - won races for [username]: 395 second LFSW - second positions : 348 LFSW - second positions for [username] : 277 all-time second places /w 2 /w 2 [username] 2 third LFSW - third positions for [username] : 177 all-time third places /w 3 LFSW - third positions : 257 /w 3 [username] 3 drags all-time total drag races / wins /w dr LFSW - drags : 45 drags / wins : 30 /w dr [username] LFSW - drags for [username] : 25 drags / wins : 11 dr finished LFSW - finished races : 3288 LFSW - finished races for [username] : 4623 all-time finishes /w fin /w fin [username] fin /w find [username] LFSW - [username] is at [servername] find check if someone is online on any host /w find LFSW - You are at [servername] CMD = pb,hl,wr,l,tl,ds,f,1,2,3,fin,findhelp command list and usage /w ? ? EG. /w pb OR /w pb username initiates sending an SMS to another LFS racer /w msg [username] msg adds the text and sends it to the mobile phone /w txt [username] txt [message] get the number of users online for each license level Online: 61 DEMO + 3 S1 + 9 S2 + 142 S3 = 215 m users /m users get the number of users online in demo version /m demo Demo: OLD 0 - NEW 52 m demo get the number of hosts online for each license level /m hosts Hosts: DEMO 50 - S1 11 - S2 36 - TOTAL 97 m hosts Read more about LFS World SMS-system. Category: Programming Powered By MediaWik This page was last edited on 10 June 2025, at 11:47. Privacy policy About LFS Manual Disclaimers