The fontawesome-free package Up-to-date LuaLATEX support for Font Awesome

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Version 1.0.1 (2024-11-13); contains version 6.6.0 of the Font Awesome fonts

Abstract

There are several packages on CTAN that provide access to the free Font Awesome icons, but these have all become outdated and are missing many icons from newer versions of Font Awesome. The fontawesome-free package deals with this problem by building the LATEX support dynamically from data in the fonts themselves; updating the package is as simple as replacing the font files with newer ones \Box . The drawback of this approach is that the package only works with LualATEX \bigcirc .

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1 Usage

The fontawesome-free package contains all 2,050 icons from the free subset of the Font Awesome \fa fonts. The package provides one command, \fa, with a single mandatory argument: the \(\lambda name \) of the icon. Some icons have light or "open" variants, like \(\bar{\text{pop}} \) versus \(\bar{\text{file-pdf}} \). Those variants are accessed by adding -o to the icon name: \\fa{file-pdf-o} \) versus \\\fa{file-pdf}. A full list of icons and their names is included in the appendices.

\fa* By default, the Font Awesome icons have varying widths. The \fa command has a starred variant \fa* that produces fixed-width icons, by centering them in a 1.25em wide box.

License

The Font Awesome Free fonts are released under the SIL Open Font License, version 1.1. The rest of this package is released under the LaTeX Project Public License, version 1.3c.

All brand icons are trademarks of their respective owners. The use of these trademarks does not indicate endorsement of the trademark holder by Font Awesome or the author, nor vice versa. Please do not use brand logos for any purpose except to represent the company, product, or service to which they refer.

^{*}URL: github.com/drs-p/fontawesome-free

Appendix A List of icons

address-bookaddress-book-o address-card address-card-o align-center align-justify align-left align-right anchoranchor-circle-check anchor-circle-exclamationanchor-circle-xmark ď₽ anchor-lock angle-downV < angle-left> angle-right angle-upangles-down **«** angles-left **>>** angles-right \Diamond angles-upankhapple-whole Ħ archwayarrow-down arrow-down-1-9 arrow-down-9-1 arrow-down-a-z arrow-down-long arrow-down-short-wide arrow-down-up-across-line arrow-down-up-lock ↓. arrow-down-wide-short₽¥ arrow-down-z-a \leftarrow arrow-left arrow-left-long \leftarrow arrow-pointer \rightarrow arrow-right arrow-right-arrow-left

[→ arrow-right-from-bracket \rightarrow arrow-right-long →] arrow-right-to-bracket→Шե arrow-right-to-city C arrow-rotate-leftG arrow-rotate-rightarrow-trend-down~7 arrow-trend-up arrow-turn-down arrow-turn-uparrow-up arrow-up-1-911 arrow-up-9-1 ↑å arrow-up-a-z arrow-up-from-bracket arrow-up-from-ground-water arrow-up-from-water-pump arrow-up-long arrow-up-right-dots arrow-up-right-from-square 住 arrow-up-short-wide **1**= arrow-up-wide-short ΛŽ arrow-up-z-a $\overline{\uparrow\uparrow}$ arrows-down-to-linearrows-down-to-people \leftrightarrow arrows-left-right |↔| arrows-left-right-to-line arrows-rotate arrows-spin arrows-split-up-and-left arrows-to-circle +*+ arrows-to-dot $^{3}O_{\kappa}^{K}$ arrows-to-eye 7 arrows-turn-rightarrows-turn-to-dots 1 arrows-up-down arrows-up-down-left-rightarrows-up-to-line8 atomAD audio-descriptionawardbaby

babu-carriage 44 backwardbackward-fast backward-stepbaconbacteriabacteriumbag-shopping bahai0 banban-smoking bandagebarcode \equiv barsbars-progress bars-staggered baseballbaseball-bat-ball₩ basket-shopping basketball<u>-</u> bathbattery-empty battery-full battery-half battery-quarter battery-three-quarters bedbed-pulsebeer-mug-empty bell $bell\-concierge$ Ţ bell-oŻ bell-slash Ż bell-slash-o bezier-curve ॐ bicucleΪÌ binocularsbiohazardŒ blenderblender-phone blogВ bold

boltbolt-lightning bomb× bonebonqbookbook-atlas book-biblebook-bookmark $book ext{-}journal ext{-}whills$ book-medicalbook-open i book-open-reader <u>©</u> <u>≈</u> book-quran book-skull book-tanakhbookmarkbookmark-o ⊞ border-all border-none \Box border-top-left U bore-hole bottle-dropletbottle-water bowl-food bowl-rice bowling-ball boxbox-archive box-open box-tissueboxes-packing boxes-stacked braillebrainbread-slice ₩ bridgebridge-circle-check₩ bridge-circle-exclamation₩ bridge-circle-xmarkbridge-lockП bridge-water

brief caseÔ briefcase-medical broombroom-ballbrushbucket亷 bug× buq-slash ** bugsĦ building $building\-circle\-arrow\-right$ building-circle-check building-circle-exclamation Ħø. building-circle-xmark盦 building-columns Ħ, building-flag **₩** building-lock MEO building-ngo building-o殿 $building ext{-}shield$ building-un **#**: building-user ### building-wheat N bullhorn0 bull seyeburgerburstbusbus-simplebusiness-time 西墨田 cable-carcake-candles calculatorcalendarcalendar-checkcalendar-check-o 苗苗 calendar-day calendar-days calendar-days-o calendar-minuscalendar-minus-o

calendar-o ö calendar-plus calendar-plus-o calendar-week X calendar-xmark ☒ calendar-xmark-o Ô camera6 camera-retro Ø camera-rotate campgroundcandy-cane cannabiscapsulescarcar-battery 构 car-burstcar-on car-rear car-sidecar-tunnelæ caravancaret-down caret-leftcaret-right caret-up carrotcart-arrow-down cart-flatbed F. $cart ext{-}flatbed ext{-}suitcase$ cart-plus cart-shopping cash-register catcertificatechairchalk board $chalk board ext{-}user$ champagne-glasses charging-station chart-area 匡 chart-bar

LΞ

chart-bar-o

chart-column ш ᆫ chart-gantt chart-line¢ chart-pie chart-simple**✓** checkcheck-double check-to-slot cheeseİ chesschess-bishop chess-bishop-o chess-board chess-king chess-king-o chess-knight chess-knight-o1 chess-pawn chess-pawn-o chess-queen chess-queen-o chess-rookchess-rook-o V chevron-down< chevron-left $chevron ext{-}right$ ^ chevron-up childchild-combatantchild-dresschild-reaching childrenchurchcirclecircle-arrow-down (circle-arrow-left circle-arrow-rightcircle-arrow-up circle-checkcircle-check-o 0 circle-chevron-down0 circle-chevron-left

circle-chevron-right circle-chevron-up circle-dollar-to-slot 0 circle-dot • circle-dot-o0 circle-down• circle-down-ocircle-exclamation 0 circle-h0 circle-half-stroke0 circle-info0 circle-left circle-left-o circle-minus 4 circle-nodes \circ circle-notch 0 circle-o 0 circle-pause (11) circle-pause-o 0 circle-play circle-play-o circle-plus 0 circle-question 3 circle-question-o **②** circle-radiation 0 circle-right • circle-right-o 0 circle-stop • circle-stop-o 0 circle-up • circle-up-o8 circle-user circle-user-o 8 circle-xmark \otimes circle-xmark-o 畾 cityclapperboardclipboardclipboard-checkclipboard-list clipboard-o

clipboard-question Ê $clipboard ext{-}user$ clock(1) clock-o 3 clock-rotate-left cloneQ clone-oCC closed-captioning $closed\mbox{-}captioning\mbox{-}o$ CC cloudcloud-arrow-down8 8 cloud-arrow-up cloud-boltcloud-meatball cloud-mooncloud-moon-rain cloud-raincloud-showers-heavy cloud-showers-water cloud-suncloud-sun-rainclover</>> codecode-branchcode-commitţ code-compareų code-fork $code ext{-}merge$ ij code-pull-request coinscomment6 comment-dollar comment-dots \odot comment-dots-o comment-medicalΩ comment-o X comment-slashcomment-smscommentscomments-dollarQ comments-o0 compact-disc

compasscompass-drafting compass-ocompresscomputercomputer-mousecookie $cookie\mbox{-}bite$ copycopy-oΘ copyright© copyright-ocouch**F** cow $credit ext{-}card$ credit-card-o乜 cropЦ crop-simplecrosscrosshairscrowcrowncrutch0 cube8 cubescubes-stackeddatabase× delete-left**뉴** democratdesktopdharmachakra19 47 09 GB diagram-next $diagram ext{-}predecessor$ diagram-project diagram-successordiamond $diamond\hbox{-}turn\hbox{-}right$ • dicedice-d20dice-d6dice-five dice-four

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	dice- six
•	dice-three
	dice- two
*	disease
₽	display
Z	dna
Ħ	dog
Time	dolly
	door-closed
Ω	$door ext{-}open$
¥	dove
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•	drumstick-bite
4-}	dumbbell
	dumpster
TO	dumpster-fire
	dungeon
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3	ear-listen
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Ş	envelopes-bulk
^	eraser
M	ethernet
[]	expand
<u> بلا</u>	explosion
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i.	$eye ext{-}dropper$
<i>®</i>	$eye ext{-}low ext{-}vision$
②	eye- o
Ø	$eye ext{-}slash$
Ð	$eye ext{-}slash ext{-}o$
8	face- $angry$
છ	face- $angry$ - o
8	face- $dizzy$
**	face- $dizzy$ - o
9	$face ext{-}flushed$
<u></u>	$face ext{-}flushed ext{-}o$
8	face- $frown$
(3)	face- $frown$ - o
8	$face ext{-}frown ext{-}open$
3	$face ext{-}frown ext{-}open ext{-}o$
8	face- $grimace$
<u></u>	face- $grimace$ - o
9	face- $grin$
9	face- $grin$ - $beam$
ම	face- $grin$ - $beam$ - o
8	face- $grin$ - $beam$ - $sweat$
ම	face- $grin$ - $beam$ - $sweat$ - o
9	face- $grin$ - $hearts$
☺	face- $grin$ - $hearts$ - o
(2)	face- $grin$ - o
8	face- $grin$ - $squint$
ව	face- $grin$ - $squint$ - o
S	$face\hbox{-}grin\hbox{-}squint\hbox{-}tears$
\mathfrak{G}	$face\hbox{-} grin\hbox{-} squint\hbox{-} tears\hbox{-} o$
(4)	face- $grin$ - $stars$
☺	face- $grin$ - $stars$ - o
9 .	face- $grin$ - $tears$
ூ.	face- $grin$ - $tears$ - o

face-grin-tongue (face-grin-tongue-o face-grin-tongue-squint face-grin-tongue-squint-o face-grin-tongue-wink (2) face-grin-tongue-wink-o face-grin-wide face-grin-wide-o face-grin-wink face-grin-wink-o face-kiss face-kiss-beam face-kiss-beam-o \odot face-kiss-o face-kiss-wink-heart \odot face-kiss-wink-heart-o • face-laugh 0 face-laugh-beam face-laugh-beam-o ☺ face-laugh-o 8 face-laugh-squint ٺ face-laugh-squint-o face-laugh-wink face-laugh-wink-o • face-meh face-meh-blank \odot face-meh-blank-o (<u>:</u>) face-meh-o face-rolling-eyes face-rolling-eyes-o 8 face-sad-cry face-sad-cry-o face-sad-tear**(:**) face-sad-tear-o 9 face-smileface-smile-beam face-smile-beam-o **(** face-smile-o 9 face-smile-wink face-smile-wink-o face-surprise

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b	file-circle-check
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hand-back-fist hand-back-fist-o hand-dots hand-fist hand-holding hand-holding-dollar-1 (1 >1 +1 hand-holding-droplet hand-holding-hand hand-holding-hearthand-holding-medical7 hand-lizard ಶ hand-lizard-o hand-middle-finger 働 hand-o뺭 hand-peace hand-peace-ohand-point-down hand-point-down-o Ę. hand-point-left Ð hand-point-left-o Ç. hand-point-right hand-point-right-o hand-point-up hand-point-up-o hand-pointer hand-pointer-o 4 hand-scissors €) hand-scissors-o hand-sparkles hand-spockhand-spock-o ÓÒ hand cuffshandsťэ hands-asl-interpreting <u>w</u> hands-bound hands-bubbles hands-clapping hands-holding الثا hands-holding-child 6 hands-holding-circle

hands-praying

handshake45 handshake-angle handshake-o4 handshake-simplehandshake-simple-slashN. handshake-slashى hanukiahhard-drive hard-drive-o hat-cowboy 1 hat-cowboy-side A hat-wizard head-side-cough 1 head-side-cough-slash **\$** head-side-mask0 head-side-virusΗ heading headphonesheadphones-simple• headsetheartheart-circle-bolt8 heart-circle-check heart-circle-exclamation **%** heart-circle-minus € heart-circle-plus**%** heart-circle-xmark ¥ heart-crack \Diamond heart-oheart-pulse £ helicopterhelicopter-symbol helmet-safety helmet-un Ø highlighterhill-avalanche hill-rockslide hippohockey-puck 8 holly-berry horsehorse-head

hospitalhospital-ohospital-user**"** hot-tub-person hotdoghotelhourglasshourglass-end hourglass-half hourglass-half-o hourglass-o hourglass-starthouseA house-chimney 1 house-chimney-crack Û house-chimney-medical 4 house-chimney-user 4 house-chimney-window house-circle-check house-circle-exclamation house-circle-xmark 1 house-crack house-fire house-flag house-flood-water house-flood-water-circle-arrow-right **f**a house-laptop house-lockhouse-medical house-medical-circle-check**Co Co** house-medical-circle-exclamation £ house-medical-circle-xmark house-medical-flag **☆** house-signalhouse-tsunami4 house-user 0 hurricanei-cursor ice-creamiciclesicons

id-badqeid-badge-oid-cardĖ id-card-clip **1** id-card-oiqlooimageimage-o8 $image\mbox{-}portrait$ imagesimages-oinbox互 indentindustry ∞ infinity i infoΙ italicjar*jar-wheat* ₩ jedijet-fighter jet-fighter-up jointjug-detergent kaabakeykeuboardkeyboard-o (4) khandakit-medical kitchen-set kiwi-bird land-mine-on血 landmark血 landmark-dome 益 landmark-flag ΑĒ languagelaptop<u></u> laptop-codelaptop-file \Box laptop-medical layer-group

leafleft-long left-right lemonlemon-o life-ring life-ring-o lightbulblightbulb-o //\ lines-leaning ര link353 link-slash **i**≡ listžΞ list-check <u>1</u>≡ list-ol**i**≡ list-ul1 location-arrow location-crosshairs location-dotlocation-pin $location\mbox{-}pin\mbox{-}lock$ locklock-openlocustlungslungs-virusÜ magnetmagnifying-glass magnifying-glass-arrow-rightmagnifying-glass-chart magnifying-glass-dollar Q magnifying-glass-location magnifying-glass-minus $magnifying ext{-}glass ext{-}plus$ M map121 map-location 121 map-location-dot \square map-omap-pinmarkerď mars

mars-and-venus

₹Ø mars-and-venus-burst σ mars-doubleď mars-strokeO# mars-stroke-rightmars-stroke-upmartini-glassmartini-glass-citrusmartini-glass-empty $\boldsymbol{\varpi}$ mask**(** mask-face mask-ventilator**(B)** masks-theater mattress-pillow maximize8 medalmemoryЩij menorahŎ mercury messagemessage-oØ meteormicrochipmicrophonemicrophone-lines microphone-lines-slashmicrophone-slash¥ microscopeminimizemittenmobilemobile-button mobile-retromobile-screen $mobile\mbox{-}screen\mbox{-}button$ money-bill (**0**) money-bill-1 0 money-bill-1-o (O) money-bill-1-wave **€** money-bill-transfer money-bill-trend-up O money-bill-wave

÷>>> money-bill-wheat money-bills money-check \$= money-check-dollar monument(moonmoon-o mortar-pestle îm mosquemosquitomosquito-netmotorcyclemoundmountainmountain-city mountain-sun mug-hot muq-saucer 7 music器 network-wired Q neuter圕 newspapernewspaper-o # not-equal note-sticky note-sticky-o 0 notes-medical object-group object-group-o ㅁ object-ungroup 댸 object-ungroup-o oil-can A oil-well 35 om**€**) otter亞 outdentpagerpaint-roller paintbrush palettepalletpanorama

paper-plane paper-plane-o paperclipparachute-boxparagraphpassportpasteרוו paste-opausepawpeace penpen-clip pen-fancy pen-nibpen-ruler pen-to-square pen-to-square-o pencil **(↔**) people-arrows people-carry-box people-group people-line people-pulling ŀΫ́ people-robbery people-roof pepper-hot person∳↓ person-arrow-down-to-line <u>^↑</u>1 person-arrow-up-from-line ofo person-biking person-booth person-breastfeeding person-burst person-cane person-chalkboard person-circle-check person-circle-exclamation Ťο person-circle-minus ŤΦ person-circle-plus person-circle-question

person-circle-xmark À person-diaging person-dots-from-line person-dressperson-dress-burst person-drowning person-falling person-falling-burst person-half-dress person-harassing person-hiking person-military-pointing person-military-rifle person-military-to-person person-praying person-pregnant person-rays person-rifle person-running person-shelter person-skating person-skiing person-skiing-nordic Š person-snowboarding <u>بح</u> person-swimming person-through-window person-walking **5**7 person-walking-arrow-loop-left ጵ→ person-walking-arrow-right person-walking-dashed-line-arrow-right ጰ⇒ person-walking-luggage À person-walking-with-cane L phonephone-flip phone-slash phone-volume photo-filmpiqqy-bank 00 pillspizza-slice place-of-worship

planeplane-arrival plane-circle-check plane-circle-exclamation plane-circle-xmark <u>~</u> plane-departure4 plane-lock× plane-slash ★ plane-upplant-wilt plate-wheat playpluqpluq-circle-bolt plug-circle-check pluq-circle-exclamation plug-circle-minus plug-circle-plus pluq-circle-xmark podcastpoopoo-storm poopமு power-off **R**× prescriptionprescription-bottle prescription-bottle-medical 6 printpump-medicalpump-soap puzzle-piece qrcodequote-left 99 quote-right radiation囡 radiorainbowranking-star 貫 receiptrecord-vinul rectangle-ad

rectangle-list \blacksquare rectangle-list-o rectangle-xmark rectangle-xmark-o recycleregisteredregistered-orepeatreplyreply-allrepublican**†**| restroomtı retweetribbonright-from-bracket right-left \rightarrow right-long right-to-bracket0 ringroadroad-barrier ₹B road-bridgeroad-circle-checkroad-circle-exclamation Fà. road-circle-xmark road-lockroad-spikesrobotrocketrotateC rotate-left rotate-right چ route3 rssrugrulerruler-combined ruler-horizontal ruler-verticalsack-dollar ă sack-xmarksailboat

satellite $shuttle ext{-}space$ satellite-dishsign-hanging scale-balanced signal4 .**∂**≥ $scale ext{-}unbalanced$ signature470 scale-unbalanced-flip signs-post Ĥ schoolsim-card**F** school-circle-checksink4 ₽ô school-circle-exclamationsitemap**P** skull**₽** school-circle-xmark 帕 skull-crossbonesschool-flag P slashschool-lockĽ sleighX scissors**₩** slidersscrewdriversmogscrewdriver-wrench smokingscroll* ✡ scroll-torahsnow flakesnowflake-o sd-card sectionsnowman4 seed lingsnowplowsoapserversocksshapessolar-panel sharesortshare-from-square**€** sort-down share-from-square-o sort-up< share-nodes٠ sheet-plastic spaghetti-monster-flying shieldAB, spell-check 0 shield-catspidershield-dog0 shield-halved spinnerO splotchshield-heart 0 spoonshield-virus** Ġ" spray-can shipŌ shirtspray-can-sparklessquareshoe-prints **7** square-arrow-up-rightshopsquare-caret-downshop-locksquare-caret-down-o 7 shop-slash square-caret-left shower \blacksquare square-caret-left-o <u>ab</u> shrimpsquare-caret-rightshufflesquare-caret-right-o

square-caret-upsquare-caret-up-o square-check square-check-o \square square-envelope square-full square-full-o square-hsquare-minus square-minus-osquare-nfi square-oP square-parking square-pen square-person-confined square-phone *square-phone-flip* square-plus square-plus-o square-poll-horizontal square-poll-vertical square-root-variable square-rss < square-share-nodes square-up-right square-virus × square-xmarkstaff-snakestairsstampstapler9 starstar-and-crescent 1 star-half J star-half-o star-half-stroke1 star-half-stroke-o ☆ star-o **\$** star-of-david star-of-life stethoscopestop

stopwatchstopwatch-20store $store ext{-}slash$ $street ext{-}view$ ೪ strikethroughstroopwafel X_1 subscriptsuitcasesuitcase-medicalsuitcase-rolling sunsun-o X₁ ♣u sun-plant-wiltsuperscriptswatchbooksynagoguesyringe \blacksquare table \blacksquare $table ext{-}cells$ **₽** $table\-cells\-column\-lock$ table-cells-largeĦΩ table-cells-row-lock Ħ¢. table-cells-row-unlock $table ext{-}columns$ $table ext{-}list$ 8 table-tennis-paddle-balltablettablet-button tablet-screen-button tabletstachograph-digital taqtagstapetarptarp-dropletA taxi• teeth**88** teeth-open ΰt temperature-arrow-downtemperature-arrow-up

temperature-empty temperature-full temperature-half temperature-high temperature-low temperature-quarter temperature-three-quarters A tentÀ tent-arrow-down-to-linetent-arrow-left-right 7 tent-arrow-turn-left tent-arrows-downtentsterminalT‡ text-height \mathcal{X} text-slash Ξ text-widththermometer16 thumbs-down13 thumbs-down-othumbs-up ľ thumbs-up-oŤ thumbtackX thumbtack-slashticketticket-simple timeline**①** toggle-off 0 toggle-ontoilettoilet-paper toilet-paper-slash toilet-portable toilets-portable toolboxtoothĦ torii-gatetornado((†)) tower-broadcast(A) tower-cell鼠 tower-observation

tractor

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up-down-left-right1 up-long $up ext{-}right ext{-}and ext{-}down ext{-}left ext{-}from ext{-}center$ up-right-from-squareuploaduser $user\hbox{-} astronaut$ user-check 20 user-clock**⊕** user-doctoruser-gear user-qraduateuser-group user-injured user-large user-large-slashuser-lockuser-minus user-ninja user-nurse user-o user-pen <u>+</u> user-plus user-secret user-shield user-slash<u>.</u> user-taguser-tieuser-xmark usersusers-between-lines users-qear users-line users-rays users-rectangle users-slashusers-viewfinder 44 utensilsvan-shuttle 01 vaultП $vector\mbox{-}square$

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