system.find_filename.texlive@Rocker.Rmd

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Contents

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% env1

env1\$info\$info_system_info\$machine_nodename = "15687d125320" @Rocker
env1\$info\$info_system_info\$machine_nodename = "application-12164735-deployment-22732286-l5pm" @Posit.Cloud
env1\$info\$info_system_info\$Sys.getlocale\$LC_COLLATE = "en_US.utf8"

\#@@ START —————
\## @ whoami —————
Cf) Ctrl+Alt+Enter @ Rstudio

whoami

```r
"whoami" |>
    system(intern = TRUE) |>
    cat("\n")
rstudio
```

rstudio@Rocker
r149319@SharedWorkspace@MKim0710@Posit.Cloud
r2179046@SharedWorkspace@V@Posit.Cloud
r2179052@SharedWorkspace@MHKim710@Posit.Cloud

echo \$PATH

```r
"echo $PATH" |>
    system(intern = TRUE) |>
    cat("\n")
/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/local/texlive/bin/linux
```

/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/local/texlive/bin/linux:/usr/lib/rstudio-server/bin/quarto/bin:/usr/lib/rstudio-server/bin/postback

```r
# On Unix-based systems, you can use the fc-list command to list available fonts. This command shows both system fonts
# and those managed by fontconfig (including some TeX Live-installed fonts).
"fc-list : family" |>
    system(intern = TRUE) |>
    sort() |>
    env1$f_vec.dput_line_by_line()
c("C059",
  "Century Schoolbook L",
  "D050000L",
  "D2Coding",
  "D2Coding ligature",
  "Dingbats",
  "Nimbus Mono L",
  "Nimbus Mono PS",
  "Nimbus Roman",
  "Nimbus Roman No9 L",
  "Nimbus Sans",
  "Nimbus Sans L",
  "Nimbus Sans Narrow",
  "P052",
  "Roboto",
  "Roboto Condensed",
  "Roboto Condensed,Roboto Condensed Light",
  "Roboto Condensed,Roboto Condensed Medium",
  "Roboto,Roboto Black",
  "Roboto,Roboto Light",
  "Roboto,Roboto Medium",
  "Roboto,Roboto Thin",
  "Standard Symbols L",
  "Standard Symbols PS",
  "TeX Gyre Adventor",
  "TeX Gyre Bonum",
  "TeX Gyre Bonum Math",
  "TeX Gyre Chorus",
  "TeX Gyre Cursor",
  "TeX Gyre DejaVu Math",
  "TeX Gyre Heros",
  "TeX Gyre Heros Cn",
  "TeX Gyre Pagella",
  "TeX Gyre Pagella Math",
  "TeX Gyre Schola",
  "TeX Gyre Schola Math",
  "TeX Gyre Termes",
  "TeX Gyre Termes Math",
  "URW Bookman",
  "URW Bookman L",
  "URW Chancery L",
  "URW Gothic",
  "URW Gothic L",
  "URW Palladio L",
  "Z003")
```

##@ find -type d texlive ──────────
find / -type d -iname texlive

```r
"find / -type d -iname texlive" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("find / -type d -iname texlive", intern = TRUE): running command 'find / -type d -iname texlive' had
status 1
c("/usr/local/texlive",
  "/usr/local/texlive/tlpkg/TeXLive",
  "/usr/local/texlive/texmf-dist/tex/context/texlive",
  "/usr/local/texlive/texmf-dist/scripts/texlive",
  "/opt/texlive")
```

c("/usr/local/texlive",   "/usr/local/texlive/tlpkg/TeXLive",   "/usr/local/texlive/texmf-dist/tex/context/texlive",   "/usr/local/texlive/texmf-dist/scripts/texlive", "/opt/texlive")

find / -type d -iname texmf-dist

```r
"find / -type d -iname texmf-dist" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("find / -type d -iname texmf-dist", intern = TRUE): running command 'find / -type d -iname
texmf-dist' had status 1
c("/usr/local/texlive/texmf-dist")
```

c("/usr/local/texlive/texmf-dist")

##@ find -type d packages ──────────
find /usr/share/texlive -type d -iname "fontspec"
find /usr/local/texlive -type d -iname "fontspec"

```r
"find /usr/share/texlive -type d -iname \"fontspec\"" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
```

```
Warning in system("find /usr/share/texlive -type d -iname \"fontspec\"", : running command 'find /usr/share/texlive
-type d -iname "fontspec"' had status 1
c("")

"find /usr/local/texlive -type d -iname \"fontspec\"" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
c("/usr/local/texlive/texmf-dist/tex/latex/fontspec")
```

c("/usr/share/texlive/texmf-dist/tex/latex/fontspec") c("/usr/local/texlive/texmf-dist/tex/latex/fontspec")

find /usr/share/texlive/texmf-dist/tex/latex -maxdepth 1 -type d -printf

find /usr/local/texlive/texmf-dist/tex/latex -maxdepth 1 -type d -printf

```
"find /usr/share/texlive/texmf-dist/tex/latex -maxdepth 1 -type d -printf \"%f\n\"" |>
    system(intern = TRUE) |>
    sort() |>
    dput()
Warning in system("find /usr/share/texlive/texmf-dist/tex/latex -maxdepth 1 -type d -printf \"%f\n\"", : running command 'find /usr/share/texlive/texm
"' had status 1
character(0)
"find /usr/local/texlive/texmf-dist/tex/latex -maxdepth 1 -type d -printf \"%f\n\"" |>
    system(intern = TRUE) |>
    sort() |>
    dput()
c("ae", "amsfonts", "amsmath", "atveryend", "auxhook", "base",
"bookmark", "cascadia-code", "cjk", "cjk-ko", "epstopdf-pkg",
"etoolbox", "euenc", "fancyvrb", "fira", "firstaid", "fonts-tlwg",
"fontspec", "framed", "geometry", "graphics", "graphics-cfg",
"graphics-def", "hycolor", "hyperref", "inconsolata", "koma-script",
"kvoptions", "kvsetkeys", "l3backend", "l3kernel", "l3packages",
"latex", "latexconfig", "letltxmacro", "listings", "lm", "mdwtools",
"parskip", "refcount", "rerunfilecheck", "roboto", "stmaryrd",
"tex-ini-files", "tikzfill", "tipa", "tools", "unicode-math",
"upquote", "url", "xcolor", "xkeyval", "xpatch", "zapfding")
```

c("ae", "amsfonts", "amsmath", "atveryend", "auxhook", "base", "bookmark", "cascadia-code", "cjk", "cjk-ko", "epstopdf-pkg", "etoolbox", "euenc", "fancyvrb", "fira", "firstaid", "fonts-tlwg", "fontspec", "framed", "geometry", "graphics", "graphics-cfg", "graphics-def", "hycolor", "hyperref", "inconsolata", "koma-script", "kvoptions", "kvsetkeys", "l3backend", "l3kernel", "l3packages", "latex", "latexconfig", "letltxmacro", "listings", "lm", "mdwtools", "parskip", "refcount", "rerunfilecheck", "roboto", "stmaryrd", "tex-ini-files", "tikzfill", "tipa", "tools", "unicode-math", "url", "xcolor", "xkeyval", "xpatch", "zapfding")

find /usr/share/texlive -type d -iname "roboto"

find /usr/local/texlive -type d -iname "roboto"

```
"find /usr/share/texlive -type d -iname \"roboto\"" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("find /usr/share/texlive -type d -iname \"roboto\"", intern = TRUE): running command 'find
/usr/share/texlive -type d -iname "roboto"' had status 1
c("")

"find /usr/local/texlive -type d -iname \"roboto\"" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
c("/usr/local/texlive/texmf-dist/tex/latex/roboto",
  "/usr/local/texlive/texmf-dist/fonts/enc/dvips/roboto",
  "/usr/local/texlive/texmf-dist/fonts/map/dvips/roboto",
  "/usr/local/texlive/texmf-dist/fonts/type1/google/roboto",
  "/usr/local/texlive/texmf-dist/fonts/vf/google/roboto",
  "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto",
  "/usr/local/texlive/texmf-dist/fonts/tfm/google/roboto")
```

find /usr/share/texlive -type d -iname "cascadia*code"

find /usr/local/texlive -type d -iname "cascadia*code"

```
"find /usr/share/texlive -type d -iname \"cascadia*code\"" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("find /usr/share/texlive -type d -iname \"cascadia*code\"", : running command 'find
/usr/share/texlive -type d -iname "cascadia*code"' had status 1
c("")

"find /usr/local/texlive -type d -iname \"cascadia*code\"" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
c("/usr/local/texlive/texmf-dist/tex/latex/cascadia-code",
  "/usr/local/texlive/texmf-dist/fonts/enc/dvips/cascadia-code",
  "/usr/local/texlive/texmf-dist/fonts/map/dvips/cascadia-code",
  "/usr/local/texlive/texmf-dist/fonts/type1/public/cascadia-code",
  "/usr/local/texlive/texmf-dist/fonts/vf/public/cascadia-code",
  "/usr/local/texlive/texmf-dist/fonts/opentype/public/cascadia-code",
  "/usr/local/texlive/texmf-dist/fonts/tfm/public/cascadia-code")
```

##@ find -type d fonts ————
find /usr/share/texlive -type d -iname "font[s]"

find /usr/local/texlive -type d -iname "font[s]"

```
"find /usr/share/texlive -type d -iname \"font[s ]\"" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("find /usr/share/texlive -type d -iname \"font[s ]\"", : running command 'find /usr/share/texlive
-type d -iname "font[s ]"' had status 1
c("")


"find /usr/local/texlive -type d -iname \"font[s ]\"" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
c("/usr/local/texlive/texmf-dist/tex/context/fonts",
  "/usr/local/texlive/texmf-dist/metapost/context/fonts",
  "/usr/local/texlive/texmf-dist/fonts")
```

c("/usr/local/texlive/texmf-dist/tex/context/fonts", "/usr/local/texlive/texmf-dist/metapost/context/fonts", "/usr/local/texlive/texmf-dist/fonts")

ls -F /usr/share/texlive/texmf-dist/fonts

ls -F /usr/local/texlive/texmf-dist/fonts

```
"ls -F /usr/share/texlive/texmf-dist/fonts" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("ls -F /usr/share/texlive/texmf-dist/fonts", intern = TRUE): running command 'ls -F
/usr/share/texlive/texmf-dist/fonts' had status 2
c("")


"ls -F /usr/local/texlive/texmf-dist/fonts" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
c("afm/",
  "cid/",
  "cmap/",
  "enc/",
  "map/",
  "misc/",
  "opentype/",
  "pk/",
  "source/",
  "tfm/",
  "type1/",
  "vf/")
```

c("afm/", "cid/", "cmap/", "enc/", "map/", "misc/", "opentype/", "pk/", "source/", "tfm/", "type1/", "vf/")

ls -F /usr/share/texlive/texmf-dist/fonts/opentype

ls -F /usr/local/texlive/texmf-dist/fonts/opentype

```
"ls -F /usr/share/texlive/texmf-dist/fonts/opentype" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("ls -F /usr/share/texlive/texmf-dist/fonts/opentype", : running command 'ls -F
/usr/share/texlive/texmf-dist/fonts/opentype' had status 2
c("")


"ls -F /usr/local/texlive/texmf-dist/fonts/opentype" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
c("google/",
  "public/")
```

c("google/", "public/")

ls -F /usr/share/texlive/texmf-dist/fonts/opentype/public

```
"ls -F /usr/share/texlive/texmf-dist/fonts/opentype/public" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("ls -F /usr/share/texlive/texmf-dist/fonts/opentype/public", : running command 'ls -F
/usr/share/texlive/texmf-dist/fonts/opentype/public' had status 2
c("")


"ls -F /usr/local/texlive/texmf-dist/fonts/opentype/public" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
c("cascadia-code/",
  "context-companion-fonts/",
  "fira/",
  "fonts-tlwg/",
  "inconsolata/",
  "lm/",
  "lm-math/")
```

ls -F /usr/local/texlive/texmf-dist/fonts/opentype/public   c("cascadia-code/", "context-companion-fonts/", "fira/", "fonts-tlwg/", "inconsolata/", "lm/", "lm-math/")

ls -F /usr/share/texlive/texmf-dist/fonts/opentype/google

```
"ls -F /usr/share/texlive/texmf-dist/fonts/opentype/google" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("ls -F /usr/share/texlive/texmf-dist/fonts/opentype/google", : running command 'ls -F
/usr/share/texlive/texmf-dist/fonts/opentype/google' had status 2
c("")

"ls -F /usr/local/texlive/texmf-dist/fonts/opentype/google" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
c("roboto/")
```

ls -F /usr/local/texlive/texmf-dist/fonts/opentype/google   c("roboto/")

ls -F /usr/share/texlive/texmf-dist/fonts/opentype/google/roboto

```
"ls -F /usr/share/texlive/texmf-dist/fonts/opentype/google/roboto" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("ls -F /usr/share/texlive/texmf-dist/fonts/opentype/google/roboto", : running command 'ls -F
/usr/share/texlive/texmf-dist/fonts/opentype/google/roboto' had status 2
c("")

"ls -F /usr/local/texlive/texmf-dist/fonts/opentype/google/roboto" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
c("Roboto-BlackItalic.otf",
  "Roboto-Black.otf",
  "Roboto-BoldItalic.otf",
  "Roboto-Bold.otf",
  "RobotoCondensed-BoldItalic.otf",
  "RobotoCondensed-Bold.otf",
  "RobotoCondensed-Italic.otf",
  "RobotoCondensed-LightItalic.otf",
  "RobotoCondensed-Light.otf",
  "RobotoCondensed-Regular.otf",
  "Roboto-Italic.otf",
  "Roboto-LightItalic.otf",
  "Roboto-Light.otf",
  "Roboto-MediumItalic.otf",
  "Roboto-Medium.otf",
  "RobotoMono-BoldItalic.otf",
  "RobotoMono-Bold.otf",
  "RobotoMono-Italic.otf",
  "RobotoMono-LightItalic.otf",
  "RobotoMono-Light.otf",
  "RobotoMono-MediumItalic.otf",
  "RobotoMono-Medium.otf",
  "RobotoMono-Regular.otf",
  "RobotoMono-ThinItalic.otf",
  "RobotoMono-Thin.otf",
  "Roboto-Regular.otf",
  "RobotoSerif-BlackItalic.otf",
  "RobotoSerif-Black.otf",
  "RobotoSerif-BoldItalic.otf",
  "RobotoSerif-Bold.otf",
  "RobotoSerif_Condensed-BlackItalic.otf",
  "RobotoSerif_Condensed-Black.otf",
  "RobotoSerif_Condensed-BoldItalic.otf",
  "RobotoSerif_Condensed-Bold.otf",
  "RobotoSerif_Condensed-ExtraBoldItalic.otf",
  "RobotoSerif_Condensed-ExtraBold.otf",
  "RobotoSerif_Condensed-ExtraLightItalic.otf",
  "RobotoSerif_Condensed-ExtraLight.otf",
  "RobotoSerif_Condensed-Italic.otf",
  "RobotoSerif_Condensed-LightItalic.otf",
  "RobotoSerif_Condensed-Light.otf",
  "RobotoSerif_Condensed-MediumItalic.otf",
  "RobotoSerif_Condensed-Medium.otf",
  "RobotoSerif_Condensed-Regular.otf",
  "RobotoSerif_Condensed-SemiBoldItalic.otf",
  "RobotoSerif_Condensed-SemiBold.otf",
  "RobotoSerif_Condensed-ThinItalic.otf",
  "RobotoSerif_Condensed-Thin.otf",
  "RobotoSerif-ExtraBoldItalic.otf",
  "RobotoSerif-ExtraBold.otf",
  "RobotoSerif-ExtraLightItalic.otf",
  "RobotoSerif-ExtraLight.otf",
  "RobotoSerif-Italic.otf",
  "RobotoSerif-LightItalic.otf",
  "RobotoSerif-Light.otf",
  "RobotoSerif-MediumItalic.otf",
```

```
   "RobotoSerif-Medium.otf",
   "RobotoSerif-Regular.otf",
   "RobotoSerif-SemiBoldItalic.otf",
   "RobotoSerif-SemiBold.otf",
   "RobotoSerif-ThinItalic.otf",
   "RobotoSerif-Thin.otf",
   "RobotoSlab-Bold.otf",
   "RobotoSlab-Light.otf",
   "RobotoSlab-Regular.otf",
   "RobotoSlab-Thin.otf",
   "Roboto-ThinItalic.otf",
   "Roboto-Thin.otf")
```

ls -F /usr/local/texlive/texmf-dist/fonts/opentype/google/roboto c("Roboto-BlackItalic.otf", "Roboto-Black.otf", "Roboto-BoldItalic.otf", "Roboto-Bold.otf", "RobotoCondensed-BoldItalic.otf", "RobotoCondensed-Bold.otf", "RobotoCondensed-Italic.otf", "RobotoCondensed-LightItalic.otf", "RobotoCondensed-Light.otf", "RobotoCondensed-Regular.otf", "Roboto-Italic.otf", "Roboto-LightItalic.otf", "Roboto-Light.otf", "Roboto-MediumItalic.otf", "Roboto-Medium.otf", "RobotoMono-BoldItalic.otf", "RobotoMono-Bold.otf", "RobotoMono-Italic.otf", "RobotoMono-LightItalic.otf", "RobotoMono-Light.otf", "RobotoMono-MediumItalic.otf", "RobotoMono-Medium.otf", "RobotoMono-Regular.otf", "RobotoMono-ThinItalic.otf", "RobotoMono-Thin.otf", "Roboto-Regular.otf", "RobotoSerif-BlackItalic.otf", "RobotoSerif-Black.otf", "RobotoSerif-BoldItalic.otf", "RobotoSerif-Bold.otf", "RobotoSerif_Condensed-BlackItalic.otf", "RobotoSerif_Condensed-Black.otf", "RobotoSerif_Condensed-BoldItalic.otf", "RobotoSerif_Condensed-Bold.otf", "RobotoSerif_Condensed-ExtraBoldItalic.otf", "RobotoSerif_Condensed-ExtraBold.otf", "RobotoSerif_Condensed-ExtraLightItalic.otf", "RobotoSerif_Condensed-ExtraLight.otf", "RobotoSerif_Condensed-Italic.otf", "RobotoSerif_Condensed-LightItalic.otf", "RobotoSerif_Condensed-Light.otf", "RobotoSerif_Condensed-MediumItalic.otf", "RobotoSerif_Condensed-Medium.otf", "RobotoSerif_Condensed-Regular.otf", "RobotoSerif_Condensed-SemiBoldItalic.otf", "RobotoSerif_Condensed-SemiBold.otf", "RobotoSerif_Condensed-ThinItalic.otf", "RobotoSerif_Condensed-Thin.otf", "RobotoSerif-ExtraBoldItalic.otf", "RobotoSerif-ExtraBold.otf", "RobotoSerif-ExtraLightItalic.otf", "RobotoSerif-ExtraLight.otf", "RobotoSerif-Italic.otf", "RobotoSerif-LightItalic.otf", "RobotoSerif-Light.otf", "RobotoSerif-MediumItalic.otf", "RobotoSerif-Medium.otf", "RobotoSerif-Regular.otf", "RobotoSerif-SemiBoldItalic.otf", "RobotoSerif-SemiBold.otf", "RobotoSerif-ThinItalic.otf", "RobotoSerif-Thin.otf", "RobotoSlab-Bold.otf", "RobotoSlab-Light.otf", "RobotoSlab-Regular.otf", "RobotoSlab-Thin.otf", "Roboto-ThinItalic.otf", "Roboto-Thin.otf")

ls -F /usr/share/texlive/texmf-dist/fonts/truetype

ls -F /usr/local/texlive/texmf-dist/fonts/truetype

```
"ls -F /usr/share/texlive/texmf-dist/fonts/truetype" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("ls -F /usr/share/texlive/texmf-dist/fonts/truetype", : running command 'ls -F
/usr/share/texlive/texmf-dist/fonts/truetype' had status 2
c("")

"ls -F /usr/local/texlive/texmf-dist/fonts/truetype" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("ls -F /usr/local/texlive/texmf-dist/fonts/truetype", : running command 'ls -F
/usr/local/texlive/texmf-dist/fonts/truetype' had status 2
c("")
```

c(" ")

ls -F /usr/share/texlive/texmf-dist/fonts/truetype/public

```
"ls -F /usr/share/texlive/texmf-dist/fonts/truetype/public" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("ls -F /usr/share/texlive/texmf-dist/fonts/truetype/public", : running command 'ls -F
/usr/share/texlive/texmf-dist/fonts/truetype/public' had status 2
c("")

"ls -F /usr/local/texlive/texmf-dist/fonts/truetype/public" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("ls -F /usr/local/texlive/texmf-dist/fonts/truetype/public", : running command 'ls -F
/usr/local/texlive/texmf-dist/fonts/truetype/public' had status 2
c("")
```

ls -F /usr/local/texlive/texmf-dist/fonts/truetype/public

ls -F /usr/share/texlive/texmf-dist/fonts/truetype/google

```
"ls -F /usr/share/texlive/texmf-dist/fonts/truetype/google" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("ls -F /usr/share/texlive/texmf-dist/fonts/truetype/google", : running command 'ls -F
/usr/share/texlive/texmf-dist/fonts/truetype/google' had status 2
c("")

"ls -F /usr/local/texlive/texmf-dist/fonts/truetype/google" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("ls -F /usr/local/texlive/texmf-dist/fonts/truetype/google", : running command 'ls -F
/usr/local/texlive/texmf-dist/fonts/truetype/google' had status 2
c("")
```

ls -F /usr/local/texlive/texmf-dist/fonts/truetype/google

ls -F /usr/share/texlive/texmf-dist/fonts/truetype/google/roboto

```
"ls -F /usr/share/texlive/texmf-dist/fonts/truetype/google/roboto" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("ls -F /usr/share/texlive/texmf-dist/fonts/truetype/google/roboto", : running command 'ls -F
/usr/share/texlive/texmf-dist/fonts/truetype/google/roboto' had status 2
c("")


"ls -F /usr/local/texlive/texmf-dist/fonts/truetype/google/roboto" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("ls -F /usr/local/texlive/texmf-dist/fonts/truetype/google/roboto", : running command 'ls -F
/usr/local/texlive/texmf-dist/fonts/truetype/google/roboto' had status 2
c("")
```

ls -F /usr/local/texlive/texmf-dist/fonts/truetype/google/roboto   ##@ find -type d/f fontname ————
find /usr/share/texlive -type d -iname "*roboto*"
find /usr/local/texlive -type d -iname "*roboto*"

```
"find /usr/share/texlive -type d -iname \"*roboto*\"" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("find /usr/share/texlive -type d -iname \"*roboto*\"", : running command 'find /usr/share/texlive
-type d -iname "*roboto*"' had status 1
c("")


"find /usr/local/texlive -type d -iname \"*roboto*\"" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
c("/usr/local/texlive/texmf-dist/tex/latex/roboto",
  "/usr/local/texlive/texmf-dist/fonts/enc/dvips/roboto",
  "/usr/local/texlive/texmf-dist/fonts/map/dvips/roboto",
  "/usr/local/texlive/texmf-dist/fonts/type1/google/roboto",
  "/usr/local/texlive/texmf-dist/fonts/vf/google/roboto",
  "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto",
  "/usr/local/texlive/texmf-dist/fonts/tfm/google/roboto")
```

c("/usr/local/texlive/texmf-dist/tex/latex/roboto", "/usr/local/texlive/texmf-dist/fonts/enc/dvips/roboto", "/usr/local/texlive/texmf-dist/fonts/map/dvips/roboto", "/usr/local/texlive/texmf-dist/fonts/type1/google/roboto", "/usr/local/texlive/texmf-dist/fonts/vf/google/roboto", "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto", "/usr/local/texlive/texmf-dist/fonts/tfm/google/roboto")

find /usr/share/texlive -type f -iname "*roboto*"

```
"find /usr/share/texlive -type d -iname \"*roboto*\"" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("find /usr/share/texlive -type d -iname \"*roboto*\"", : running command 'find /usr/share/texlive
-type d -iname "*roboto*"' had status 1
c("")


"find /usr/local/texlive -type d -iname \"*roboto*\"" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
c("/usr/local/texlive/texmf-dist/tex/latex/roboto",
  "/usr/local/texlive/texmf-dist/fonts/enc/dvips/roboto",
  "/usr/local/texlive/texmf-dist/fonts/map/dvips/roboto",
  "/usr/local/texlive/texmf-dist/fonts/type1/google/roboto",
  "/usr/local/texlive/texmf-dist/fonts/vf/google/roboto",
  "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto",
  "/usr/local/texlive/texmf-dist/fonts/tfm/google/roboto")
```

find /usr/local/texlive -type f -iname "*roboto*"   c("/usr/local/texlive/texmf-dist/tex/latex/roboto", "/usr/local/texlive/texmf-dist/fonts/enc/dvips/roboto", "/usr/local/texlive/texmf-dist/fonts/map/dvips/roboto", "/usr/local/texlive/texmf-dist/fonts/type1/google/roboto", "/usr/local/texlive/texmf-dist/fonts/vf/google/roboto", "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto", "/usr/local/texlive/texmf-dist/fonts/tfm/google/roboto")

find /usr/share/texlive -type f -iname "*roboto*mono*.?tf"

```
"find /usr/share/texlive -type f -iname \"*roboto*mono*.?tf\"" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("find /usr/share/texlive -type f -iname \"*roboto*mono*.?tf\"", : running command 'find
/usr/share/texlive -type f -iname "*roboto*mono*.?tf"' had status 1
c("")


"find /usr/local/texlive -type f -iname \"*roboto*mono*.?tf\"" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
c("/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto/RobotoMono-Light.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto/RobotoMono-Medium.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto/RobotoMono-MediumItalic.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto/RobotoMono-Bold.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto/RobotoMono-ThinItalic.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto/RobotoMono-Regular.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto/RobotoMono-BoldItalic.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto/RobotoMono-Thin.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto/RobotoMono-Italic.otf",
```

```
   "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto/RobotoMono-LightItalic.otf")
```

find /usr/local/texlive -type f -iname "*roboto*mono*.?tf" c("/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto/RobotoMono-Light.otf", "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto/RobotoMono-Medium.otf", "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto/RobotoMono-MediumItalic.otf", "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto/RobotoMono-Bold.otf", "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto/RobotoMono-ThinItalic.otf", "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto/RobotoMono-Regular.otf", "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto/RobotoMono-BoldItalic.otf", "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto/RobotoMono-Thin.otf", "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto/RobotoMono-Italic.otf", "/usr/local/texlive/texmf-dist/fonts/opentype/google/roboto/RobotoMono-LightItalic.otf")

find /usr/share/texlive -type d -iname "*inconsolata*"

find /usr/local/texlive -type d -iname "*inconsolata*"

```
"find /usr/share/texlive -type d -iname \"*inconsolata*\"" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("find /usr/share/texlive -type d -iname \"*inconsolata*\"", : running command 'find
/usr/share/texlive -type d -iname "*inconsolata*"' had status 1
c("")

"find /usr/local/texlive -type d -iname \"*inconsolata*\"" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
c("/usr/local/texlive/texmf-dist/tex/latex/inconsolata",
  "/usr/local/texlive/texmf-dist/fonts/enc/dvips/inconsolata",
  "/usr/local/texlive/texmf-dist/fonts/map/dvips/inconsolata",
  "/usr/local/texlive/texmf-dist/fonts/type1/public/inconsolata",
  "/usr/local/texlive/texmf-dist/fonts/opentype/public/inconsolata",
  "/usr/local/texlive/texmf-dist/fonts/tfm/public/inconsolata")
```

find /usr/share/texlive -type f -iname "*inconsolata*.?tf"

```
"find /usr/share/texlive -type f -iname \"*inconsolata*.?tf\"" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("find /usr/share/texlive -type f -iname \"*inconsolata*.?tf\"", : running command 'find
/usr/share/texlive -type f -iname "*inconsolata*.?tf"' had status 1
c("")

"find /usr/local/texlive -type f -iname \"*inconsolata*.?tf\"" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
c("/usr/local/texlive/texmf-dist/fonts/opentype/public/inconsolata/Inconsolatazi4-Bold.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/public/inconsolata/InconsolataN-Bold.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/public/inconsolata/InconsolataN-Regular.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/public/inconsolata/Inconsolatazi4-Regular.otf")
```

find /usr/local/texlive -type f -iname "*inconsolata*.?tf" c("/usr/local/texlive/texmf-dist/fonts/opentype/public/inconsolata/Inconsolatazi4-Bold.otf", "/usr/local/texlive/texmf-dist/fonts/opentype/public/inconsolata/InconsolataN-Bold.otf", "/usr/local/texlive/texmf-dist/fonts/opentype/public/inconsolata/InconsolataN-Regular.otf", "/usr/local/texlive/texmf-dist/fonts/opentype/public/inconsolata/Inconsolatazi4-Regular.otf")

find /usr/share/texlive -type d -iname "*cascadia*code"

find /usr/local/texlive -type d -iname "*cascadia*code"

```
"find /usr/share/texlive -type d -iname \"cascadia*code\"" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("find /usr/share/texlive -type d -iname \"cascadia*code\"", : running command 'find
/usr/share/texlive -type d -iname "cascadia*code"' had status 1
c("")

"find /usr/local/texlive -type d -iname \"cascadia*code\"" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
c("/usr/local/texlive/texmf-dist/tex/latex/cascadia-code",
  "/usr/local/texlive/texmf-dist/fonts/enc/dvips/cascadia-code",
  "/usr/local/texlive/texmf-dist/fonts/map/dvips/cascadia-code",
  "/usr/local/texlive/texmf-dist/fonts/type1/public/cascadia-code",
  "/usr/local/texlive/texmf-dist/fonts/vf/public/cascadia-code",
  "/usr/local/texlive/texmf-dist/fonts/opentype/public/cascadia-code",
  "/usr/local/texlive/texmf-dist/fonts/tfm/public/cascadia-code")
```

find /usr/share/texlive -type f -iname "*cascadia*.?tf"

```
"find /usr/share/texlive -type f -iname \"*cascadia*.?tf\"" |>
    system(intern = TRUE) |>
    env1$f_vec.dput_line_by_line()
Warning in system("find /usr/share/texlive -type f -iname \"*cascadia*.?tf\"", : running command 'find
/usr/share/texlive -type f -iname "*cascadia*.?tf"' had status 1
c("")

"find /usr/local/texlive -type f -iname \"*cascadia*.?tf\"" |>
    system(intern = TRUE) |>
```

```
    env1$f_vec.dput_line_by_line()
c("/usr/local/texlive/texmf-dist/fonts/opentype/public/cascadia-code/CascadiaCode-Bold.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/public/cascadia-code/CascadiaCode-ExtraLight.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/public/cascadia-code/CascadiaCode-LightItalic.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/public/cascadia-code/CascadiaCode-SemiBold.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/public/cascadia-code/CascadiaCode-Light.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/public/cascadia-code/CascadiaCode-Regular.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/public/cascadia-code/CascadiaCode-SemiLight.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/public/cascadia-code/CascadiaCode-SemiBoldItalic.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/public/cascadia-code/CascadiaCode-Italic.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/public/cascadia-code/CascadiaCode-SemiLightItalic.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/public/cascadia-code/CascadiaCode-BoldItalic.otf",
  "/usr/local/texlive/texmf-dist/fonts/opentype/public/cascadia-code/CascadiaCode-ExtraLightItalic.otf")
```

find /usr/local/texlive -type f -iname "*cascadia.*?tf*" #@@ END ─────────

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