I'm not posting the chart here b/c it's nothing special, but the code for it is below.

```
library(hrbrthemes);

x <- read.csv("https://data.covidstimuluswatch.org/prog.php?&detail=export_csv")[,3:5];

x[,3] <- as.numeric(gsub("[$,]","",x[,3]));

x <- x[(x[,1]>20200400)&x[,3]>0,];

x[,1] <- as.Date(as.character(x[,1]),"%Y%m%d");

ggplot(x, aes(Award.Date, Grant.Amount, fill=Award.Type)) +
    geom_col() +
    scale_y_comma(
    labels = c("$0", "$5bn", "$10bn", "$15bn")
) +
    labs(
        title = "COVID Stimulus Watch: Grants",
        caption = "Source: https://data.covidstimuluswatch.org/prog.php?detail=opening"
) +
    theme_ipsum_es(grid="XY")</pre>
```

Semicolons are necessary b/c newlines are going to get stripped when we paste that code block into the alt-text entry box.

We can read that code back into R with some help from read html() & {styler}:

```
library(rtweet)
library(rvest)
library(stringi)
library (magrittr)
pg <- read html ("https://twitter.com/hrbrmstr/status/1261641887603179520")
html nodes(pg, "img") %>%
  html attr("alt") %>%
  keep(stri detect fixed, "library") %>%
  styler::style text()
library(hrbrthemes)
x <- read.csv("https://data.covidstimuluswatch.org/prog.php?&detail=export csv")[, 3:5]
x[, 3] \leftarrow as.numeric(gsub("[\$,]", "", x[, 3]))
x \leftarrow x[(x[, 1] > 20200400) \& x[, 3] > 0, ]
x[, 1] \leftarrow as.Date(as.character(x[, 1]), "%Y%m%d")
ggplot(x, aes(Award.Date, Grant.Amount, fill = Award.Type)) +
  geom col() +
  scale y comma(
    labels = c("$0", "$5bn", "$10bn", "$15bn")
  ) +
    title = "COVID Stimulus Watch: Grants",
    caption = "Source: https://data.covidstimuluswatch.org/prog.php?detail=opening"
  theme ipsum es(grid = "XY")
```

Twitter's API does not seem to return alt-text:

```
rtweet::lookup_statuses("1261641887603179520") %>%
```

```
jsonlite::toJSON(pretty=TRUE)
## [
##
   {
       "user id": "5685812",
##
##
       "status id": "1261641887603179520",
       "created at": "2020-05-16 12:57:20",
##
       "screen name": "hrbrmstr",
       "text": "Twitter's img alt-text limit is YUGE! So, we can abuse it for
semi-covert comms channels, C2, or for \"embedding\" the code ## that makes this
chart!\n\nUse `read html()` on URL of this tweet; find 'img' nodes
w/html nodes(); extract 'alt' attr text w/## html attr(). #rstats \n\nh/t @edent
https://t.co/v5Ut8TzIRO",
##
       "source": "Twitter Web App",
##
       "display text width": 278,
##
       "is quote": false,
##
       "is retweet": false,
       "favorite_count": 8,
##
##
       "retweet count": 2,
##
       "hashtags": ["rstats"],
##
       "symbols": [null],
##
       "urls url": [null],
##
       "urls_t.co": [null],
##
       "urls expanded url": [null],
       "media url": ["http://pbs.twimg.com/media/EYI W-xWsAAZFeP.png"],
##
##
       "media t.co": ["https://t.co/v5Ut8TzIRO"],
##
       "media expanded url": ["https://twitter.com/hrbrmstr/status/1261641887603179520/photo
/1"],
       "media type": ["photo"],
##
##
       "ext media url": ["http://pbs.twimg.com/media/EYI_W-xWsAAZFeP.png"],
       "ext media t.co": ["https://t.co/v5Ut8TzIRO"],
       "ext media expanded url": ["https://twitter.com/hrbrmstr/status/
1261641887603179520/photo/1"],
##
       "mentions user id": ["14054507"],
##
       "mentions screen name": ["edent"],
##
       "lang": "en",
##
       "geo coords": ["NA", "NA"],
##
       "coords coords": ["NA", "NA"],
       "bbox coords": ["NA", "NA", "NA", "NA", "NA", "NA", "NA", "NA"],
##
##
       "status url": "https://twitter.com/hrbrmstr/status/1261641887603179520",
       "name": "boB • Everywhere is Baltimore • Rudis",
##
##
       "location": "Doors & Corners",
       "description": "Don't look at me...I do what he does-just slower. R
##
#rstats avuncular • pampa • #tired • 🙍 • † • Prìomh ## Neach-saidheans Dàta @
@rapid7",
##
       "url": "https://t.co/RgY1wHjoqM",
##
       "protected": false,
##
       "followers count": 11886,
##
       "friends count": 458,
##
       "listed count": 667,
##
       "statuses count": 84655,
##
       "favourites count": 15140,
       "account created at": "2007-05-01 14:04:24",
##
##
       "verified": true,
       "profile url": "https://t.co/RgY1wHjoqM",
##
##
       "profile expanded url": "https://rud.is/b",
       "profile banner url": "https://pbs.twimg.com/profile_banners/5685812/1398248552",
##
```

```
## "profile_background_url": "http://abs.twimg.com/images/themes/theme15/bg.png",
## "profile_image_url": "http://pbs.twimg.com/profile_images/824974380803334144/
Vpmh_s3x_normal.jpg"
## }
## ]
```

but I still need to poke over at the API docs to figure out if there is a way to get it more programmatically.

If we want to be incredibly irresponsible and daft (like a recently semi-shuttered R package installation service) we can throw caution to the wind and just plot it outright:

```
library(rtweet)
library(rvest)
library(stringi)
library(magrittr)

pg <- read_html("https://twitter.com/hrbrmstr/status/1261641887603179520")

html_nodes(pg, "img") %>%
  html_attr("alt") %>%
  keep(stri_detect_fixed, "library") %>%
  textConnection() %>%
  source() %>% # THIS IS DANGEROUS DO NOT TRY THIS AT HOME print()
```

Seriously, though, don't do that. Lots of bad things can happen when you source () from the internet.

FIN

Now, you can make your Twitter charts reproducible on-platform (until Twitter does something to thwart this new communication and file-sharing channel).

Since twitter status URLs are just GET requests, orgs should consider running the content of those URLs through alt-text extractors *just in case* there's some funny business going on across user endpoints.