bohemia_traccar

Ben Brew

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```r
library(bohemia)
```

```
## Warning: replacing previous import 'dplyr::intersect' by 'gpclib::intersect'
## when loading 'bohemia'
```

```
## Warning: replacing previous import 'dplyr::setdiff' by 'gpclib::setdiff' when
## loading 'bohemia'
```

```
## Warning: replacing previous import 'dplyr::union' by 'gpclib::union' when
## loading 'bohemia'
```

```
## Warning: replacing previous import 'dplyr::combine' by 'gridExtra::combine' when
## loading 'bohemia'
```

```
## Warning: replacing previous import 'gpclib::write.polyfile' by
## 'rgeos::write.polyfile' when loading 'bohemia'
```

```
## Warning: replacing previous import 'gpclib::scale.poly' by 'rgeos::scale.poly'
## when loading 'bohemia'
```

```
## Warning: replacing previous import 'gpclib::get.pts' by 'rgeos::get.pts' when
## loading 'bohemia'
```

```
## Warning: replacing previous import 'gpclib::get.bbox' by 'rgeos::get.bbox' when
## loading 'bohemia'
```

```
## Warning: replacing previous import 'gpclib::append.poly' by 'rgeos::append.poly'
## when loading 'bohemia'
```

```
## Warning: replacing previous import 'gpclib::area.poly' by 'rgeos::area.poly'
## when loading 'bohemia'
```

```
## Warning: replacing previous import 'gpclib::.__C__gpc.poly.nohole' by
## 'rgeos::.__C__gpc.poly.nohole' when loading 'bohemia'
```

```
## Warning: replacing previous import 'gpclib::tristrip' by 'rgeos::tristrip' when
## loading 'bohemia'
```

```
## Warning: replacing previous import 'gpclib::read.polyfile' by
## 'rgeos::read.polyfile' when loading 'bohemia'
```

```
## Warning: replacing previous import 'gpclib::triangulate' by 'rgeos::triangulate'
## when loading 'bohemia'
```

```
## Warning: replacing previous import 'gpclib::.__C__gpc.poly' by
## 'rgeos::.__C__gpc.poly' when loading 'bohemia'
```

```r
library(tidyverse)
```

```
## -- Attaching packages ----------------------------------------------------------------
```

```
## v ggplot2 3.3.2      v purrr   0.3.4
## v tibble  3.0.3      v dplyr   1.0.2
## v tidyr   1.1.2      v stringr 1.4.0
## v readr   1.4.0      v forcats 0.5.0

## -- Conflicts ----------------------------------------------------------------------- tidy
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```r
# read in credenstials
creds <- yaml::yaml.load_file('../credentials/credentials.yaml')

# sync traccar data
sync_workers_traccar(traccar_url = creds$traccar_server,
                     traccar_user = creds$traccar_user,
                     traccar_pass = creds$traccar_pass)
```

```
## Workers enrolled:

## ---Via google sheet: 258

## ---In Traccar: 265
```

```r
# get traccar data
dat <- get_traccar_data(url = creds$traccar_server,
                        user = creds$traccar_user,
                        pass = creds$traccar_pass)
```

Traccar summary

```r
# how many distince users?
length(unique(dat$id))
```

```
## [1] 265
```

```r
# 265 distinct users

# how many recently?
dat$last_update <- unlist(lapply(strsplit(dat$lastUpdate, split = 'T'), function(x) x[1]))
dat$last_update <- as.Date(dat$last_update, format = '%Y-%m-%d')

temp <- dat %>% group_by(last_update) %>% summarise(counts=n())
```

```
## `summarise()` ungrouping output (override with `.groups` argument)
```

```r
ggplot(temp, aes(last_update, counts)) + geom_bar(stat = 'identity')
```

```
## Warning: Removed 1 rows containing missing values (position_stack).
```