read.csv.url <- function(url) {

data <- getURLContent(url, followlocation = T, binary = F, ssl.verifypeer = F)

read.csv(textConnection(data))

}

get.f9 <- function() {

datasets <- list()

datasets[["2014-07-01"]] <- read.csv.url("https://github.com/charlesberthillon/001.FATCA/blob/master/project1/001.data/20140701.csv?raw=true")

#datasets[["2014-08-01"]] <- read.csv.url("https://github.com/charlesberthillon/001.FATCA/blob/master/project1/001.data/20140801.csv?raw=true")

#datasets[["2014-09-01"]] <- read.csv.url("https://github.com/charlesberthillon/001.FATCA/blob/master/project1/001.data/20140901.csv?raw=true")

#datasets[["2014-10-01"]] <- read.csv.url("https://github.com/charlesberthillon/001.FATCA/blob/master/project1/001.data/20141001.csv?raw=true")

#datasets[["2014-11-01"]] <- read.csv.url("https://github.com/charlesberthillon/001.FATCA/blob/master/project1/001.data/20141101.csv?raw=true")

ldply(datasets)

}

show.f9 <- function(f9) {

f9

}

get.f14 <- function(f9) {

as.Date(f9$.id, "%Y-%m-%d")

}

get.f15 <- function(f9, f14) {

f15<-cbind(f14, f9)

colnames(f15)[1] <- "Extractdate"

f15$.id<-NULL

f15

}

get.f19 <- function(f14, f15) {

f16<-dcast(f15, CountryNm ~ f14)

#Pivot table ExtractDate per country, source: http://www.r-bloggers.com/pivot-tables-in-r/

#dcast intersting URL: http://www.dummies.com/how-to/content/how-to-cast-data-to-wide-format-in-r.html

f17<-substr(f15$GIIN, 14, 15)

f18 <- cbind(f15, f17) # new column

colnames(f18)[2] <- "GIINx"

colnames(f18)[5] <- "GIIN"

f19<-dcast(f18, CountryNm ~ Extractdate)

f19

}

























