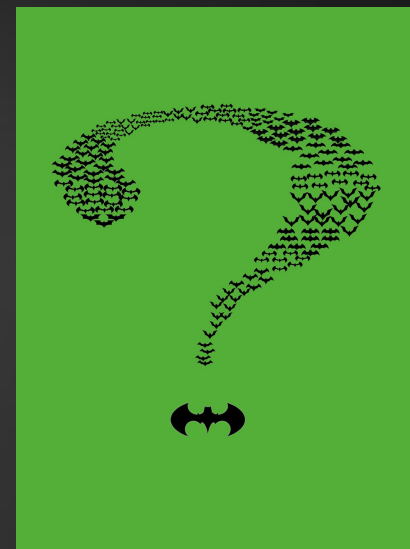




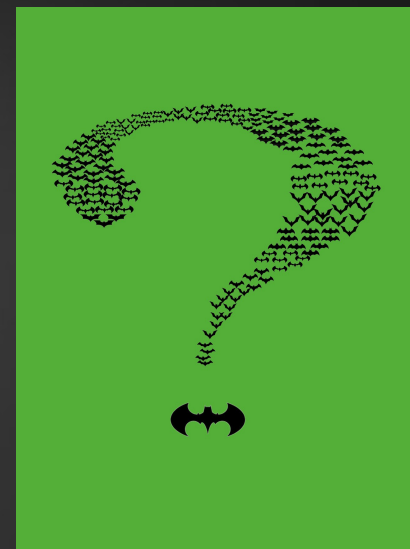
Dodatko Alexander

November 2012





How many moths does the  
year consist of?



What is the first day of the  
year?



Which day is the beginning of  
the week?

Right, but did you know that ...

Jewish calendar consists of 13 months. And month #6 is a leaping one.



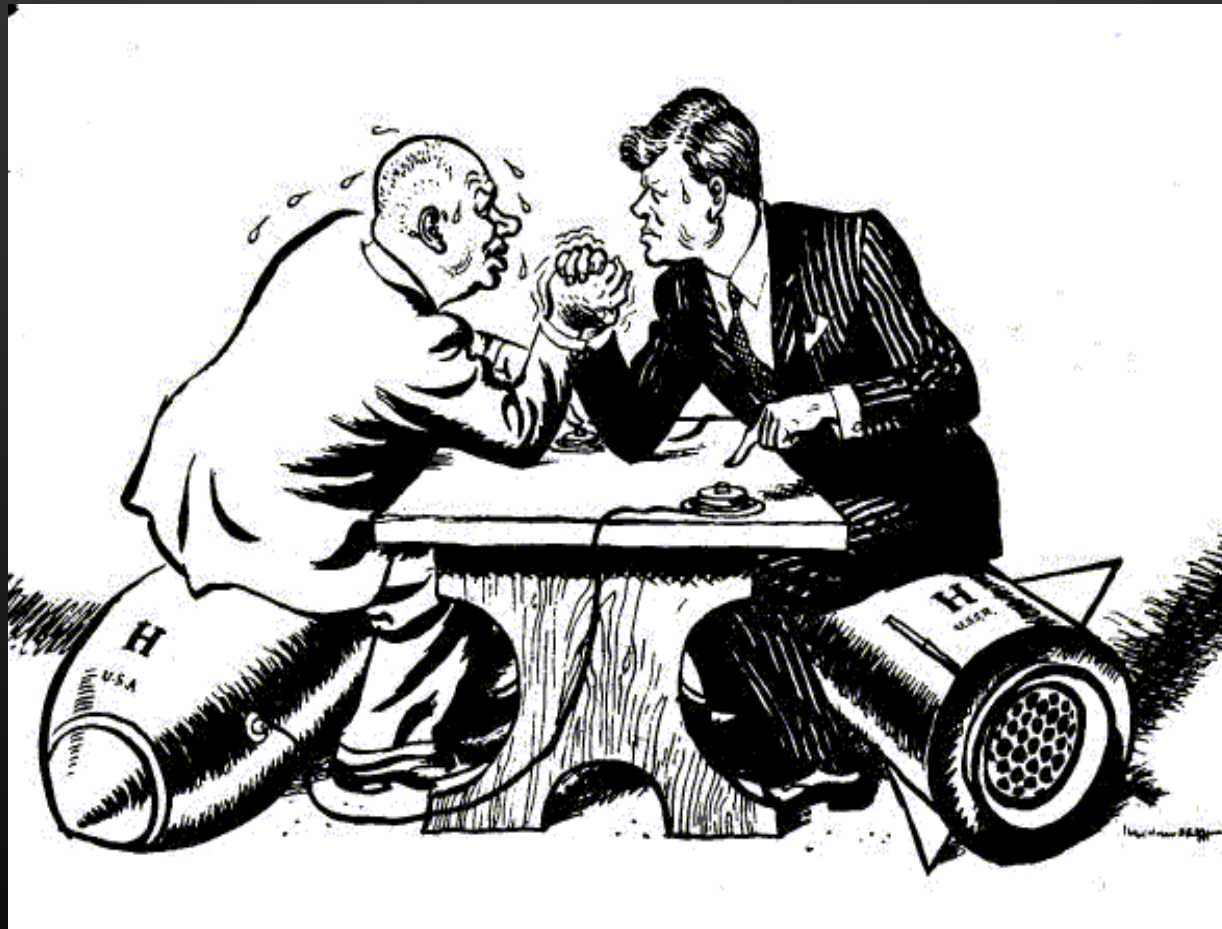
In Japan the calendar may  
return to year #1 at the day of  
the emperor's death





In Russia week starts on Monday.

In the USA the first day is Sunday



It is an insanely hard work to  
make dates look NATURAL to  
the user



Dates travel the internet as  
strings

# The Typical Solution

```
-(NSDate*)parseDate:( NSString* )date_  
{  
    NSDateFormatter* df_ = [ NSDateFormatter new ];  
    df_.dateFormat = @"yyyy-MM-dd";  
  
    return [ df_ dateFromString: date_ ];  
}
```



NSDateFormatter

NSCalendar

NSLocale

NSLocale



Use **en\_US\_POSIX** locale for  
dates from the network

Use **Gregorian** calendar too



Do not forget to set  
the same Locale  
for both `NSCalendar` and  
`NSDateFormatter`

# Or let my library do it for you



dodikk / ESLocale

