NAME
    rdate – print date in the classic Ravtaalian Calendar of Progress

SYNOPSIS
    rdate [[**-gr**] *mon date* [*year*]]

DESCRIPTION
    By default *rdate*, like *date*(1), prints the current date, but using the classic Ravtaalian Calendar of Progress. This is not to be confused with the *revised* Ravtaalian Calendar of Progress, which uses a lunar year. In contrast the classic calendar follows a solar year, and has the exact number of days that a Gregorian (ei. "normal") calendar has. It can only print the date in the format "Month-abbr. Date Year", but see *EXAMPLES* below.

    It is also possible to specify an alternate date to convert to, either by providing a different Gregorian date which will be converted to a Ravtaalian one, or by providing a Ravtaalian date which will be converted to a Gregorian one. You can force *rdate* to read a Ravtaalian or Gregorian date using the *-r* and *-g* flags, but normally there is no reason to do so. Only the month of "Feb" is ambiguous, since it can refer to the Gregorian month of February or the Ravtaalian month of Febramuan. In this case *rdate* will default to the Gregorian month (if you write febra... on the other hand *rdate* will understand that you mean Febramuan).

    The following options are available:

    -r   the date given is a Ravtaalian date

    -g   the date given is a Gregorian date

CLASSIC CALENDAR
    The classic Ravtaalian calendar starts 1 March, and has 13 months. The first 12 have 28 days, the last 13th has either 29 or 30 days, depending on if its a leap year or not (a consequence of this is that the first 28 dates of every month falls on the same week day that year, ei. if 1st is a Monday - or Mondäi in Jameld - then the 1st of every month in that year is a Monday). The months are as follows:

    Spring   Hajlmuan (from hajl, "hail")
              Plagamuan (from plaga, "plague")
              Mathamuan (from matha, "maggot")
              Wezlmuan (from wezlen, "weasel")

    Summer
              Torthmuan (from törth, "drought")
              Tsimlmuan (from tsimel, "mildew")
              Klombarmuan (from klombar, "crane fly")
              Ratamuan (from rata, "rat")

    Autumn/Winter
              Daachmuan (from daach, "fog")
              Febramuan (from febra, "fever")
              Grankarmuan (from grankar, "weevil")
              Aaslmuan (from aasel, "donkey")

              Lenklmuan (from linkwil, "tedium")

EXAMPLES
    Print todays date in the classic Ravtaalian calendar

              $ rdate

    Print classic Ravtaalian date for February 23 2015

              $ rdate Feb 23 2015

    Print Gregorian date for Febramuan 23 2015

              $ rdate -r Feb 23 2015
              $ rdate febramuan 23 2015

Print classic Ravtaalian date for today, but in the format "Day-abbr. Month-abbr. Date Clock Timezone Year" (same as *date*(1))

```
$ set `date`
$ rdate | awk '{ print "'$1'", $1, $2, "'"$4 $5"'", $3 }' |\
  sed 's/Wed/Woj/'
```

Print classic Ravtaalian date for February 23 2015, but in the format YYYY-MM-DD (ISO-8601 standard without time and timezone suffix)

```
$ rdate Feb 23 2015 | awk '{ print $3 "-" $1 "-" $2 }' |\
  sed 's/Len/13/'
```

BUGS

On V7 *rdate* will not convert the months November-January and Plagamuan-Wezlmuan correctly, likely due to a bug in V7 awk. In V8, SysV and BSD it works as intended.

Converting todays week day into Jameld is easy, but finding the correct week day for any arbitrary date, is not. So *rdate* doesn't even try. (see *rcal*(6) however)

Error detection and reporting is not perfect.

The Ravtaalian Calendar is depressive.

SEE ALSO

date(1), *rrdate*(6), *rcal*(6), *rcalendar*(6), *rat*(6), *rcron*(6)