It's about time

Davis Vaughan

July 2022

clock

is **not** replacing

lubridate

Safety

Safety
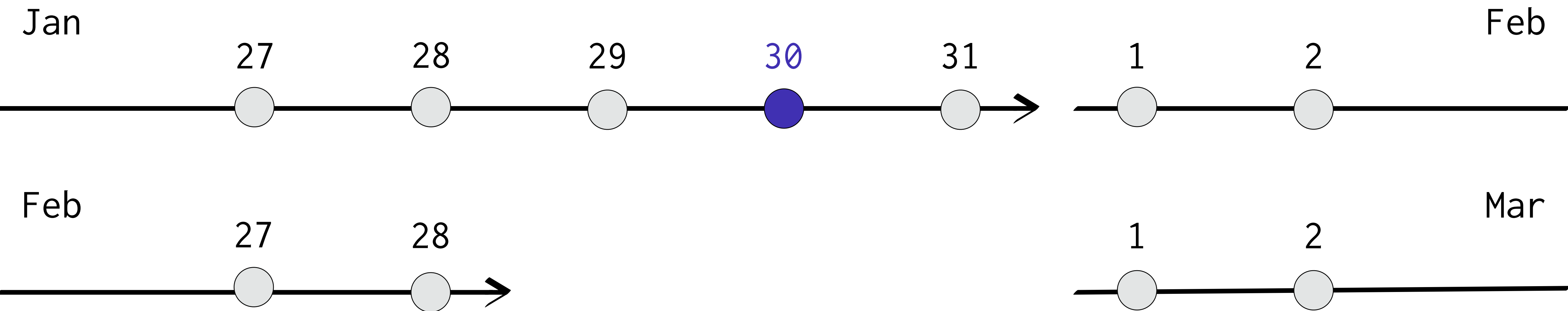
Calendars

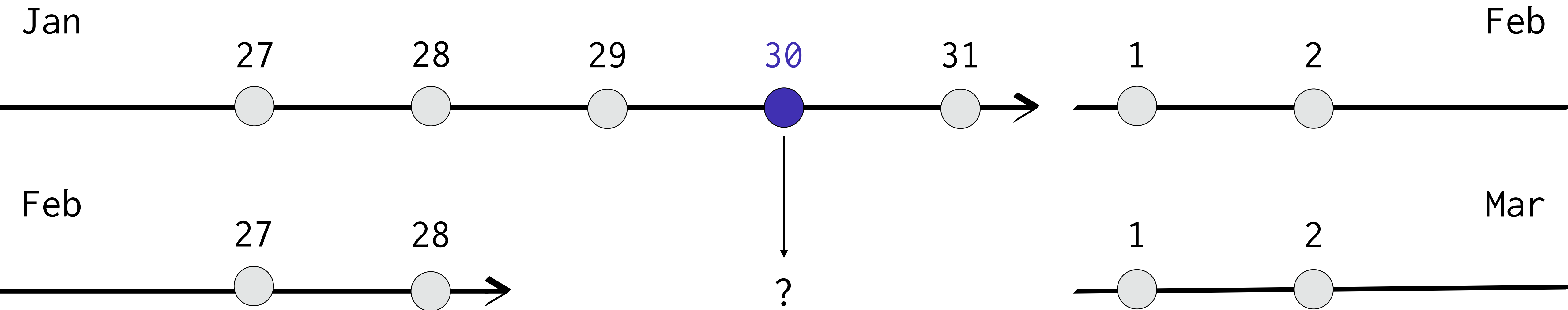# Safety

Calendars

2022-01-30

Jan   Feb

27   28   29   30   31   1   2

Feb   Mar

27   28   1   2

Add 1 month?

Jan   Feb

27   28   29   30   31   1   2

Feb   Mar

27   28   ?   1   2

Add 1 month?

Jan   Feb

27   28   29   30   31   1   2

Feb   Mar

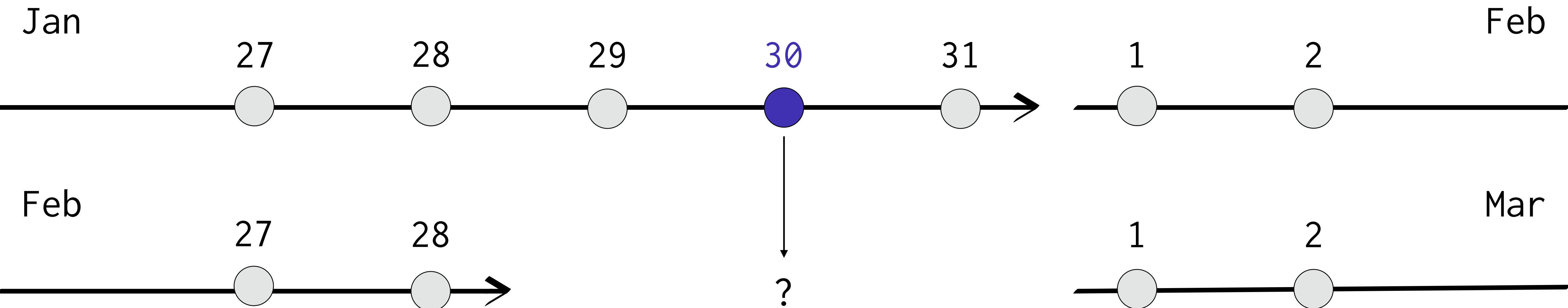27   28   1   2
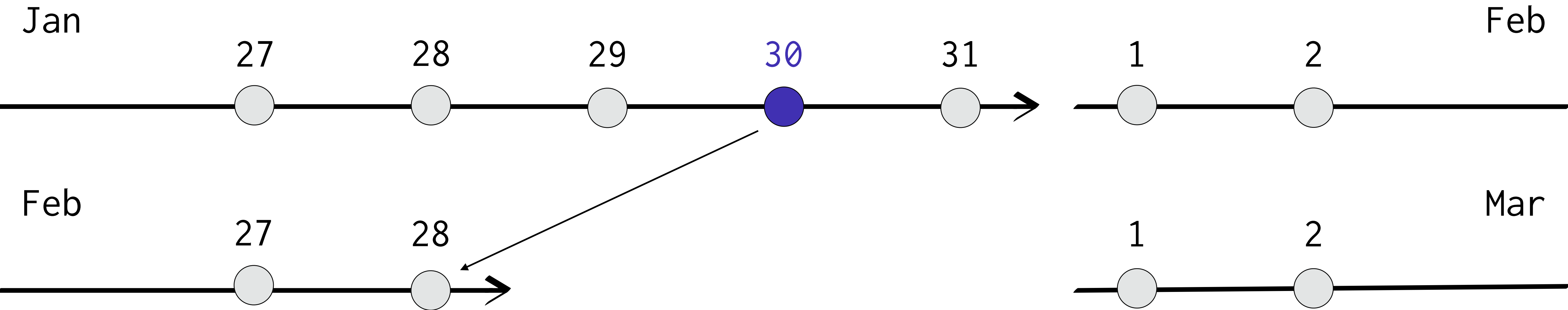
?

"2022-01-30" + months(1) = NA

🔗 clock.r-lib.org
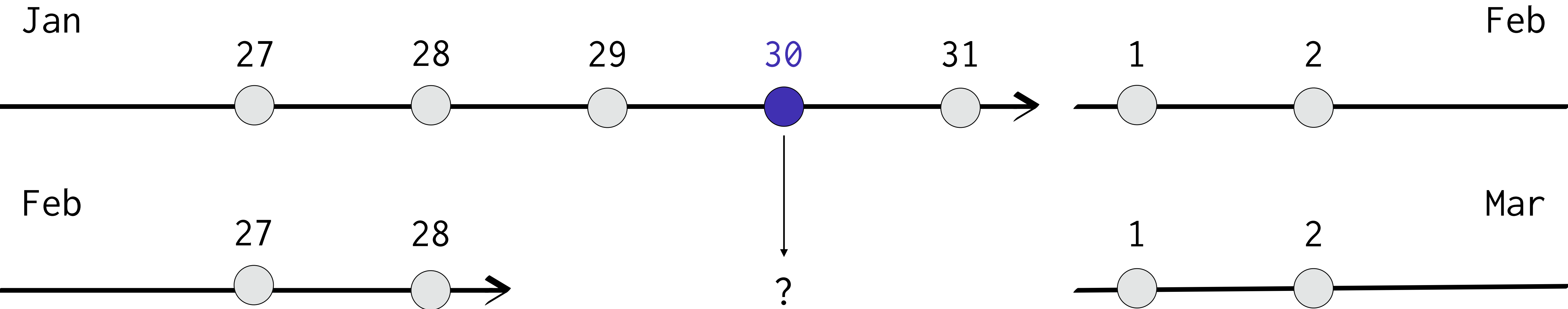
Add 1 month?

```
add_months("2022-01-30", 1)
#> ! Invalid date found at location 1.
#> i Resolve invalid date issues by
#>   specifying the `invalid` argument.
```
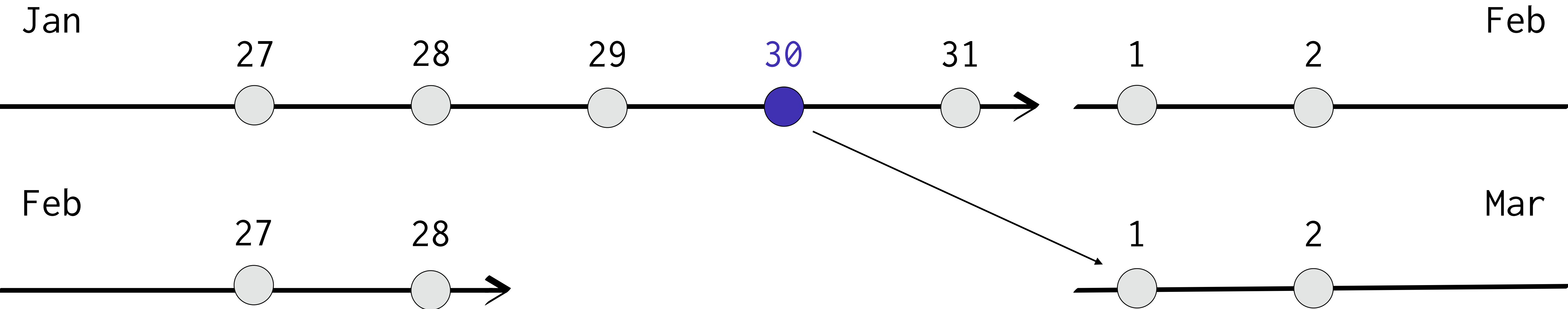
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Add 1 month?

Jan   Feb

27   28   29   30   31   1   2

Feb   Mar

27   28   1   2

add_months("2022-01-30", 1, invalid = "previous") =

"2022-02-28"

🔗 clock.r-lib.org

Add 1 month?

Jan   Feb

27   28   29   30   31   1   2

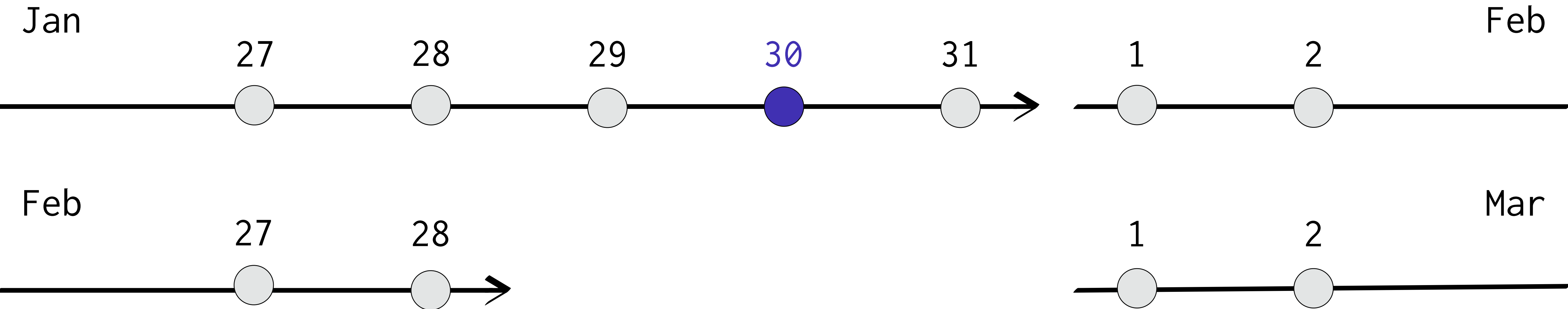Feb   Mar

27   28   1   2

add_months("2022-01-30", 1, invalid = "next") =

"2022-03-01"

Add 1 month?

Jan   Feb

27   28   29   30   31   1   2

Feb   Mar

27   28   1   2

add_months("2022-01-30", 1, invalid = "NA") =

NA

"2022-01-30"

year_month_day

"2022-030"

year_day

"2022-01-30"

year_month_day

"2022-030"
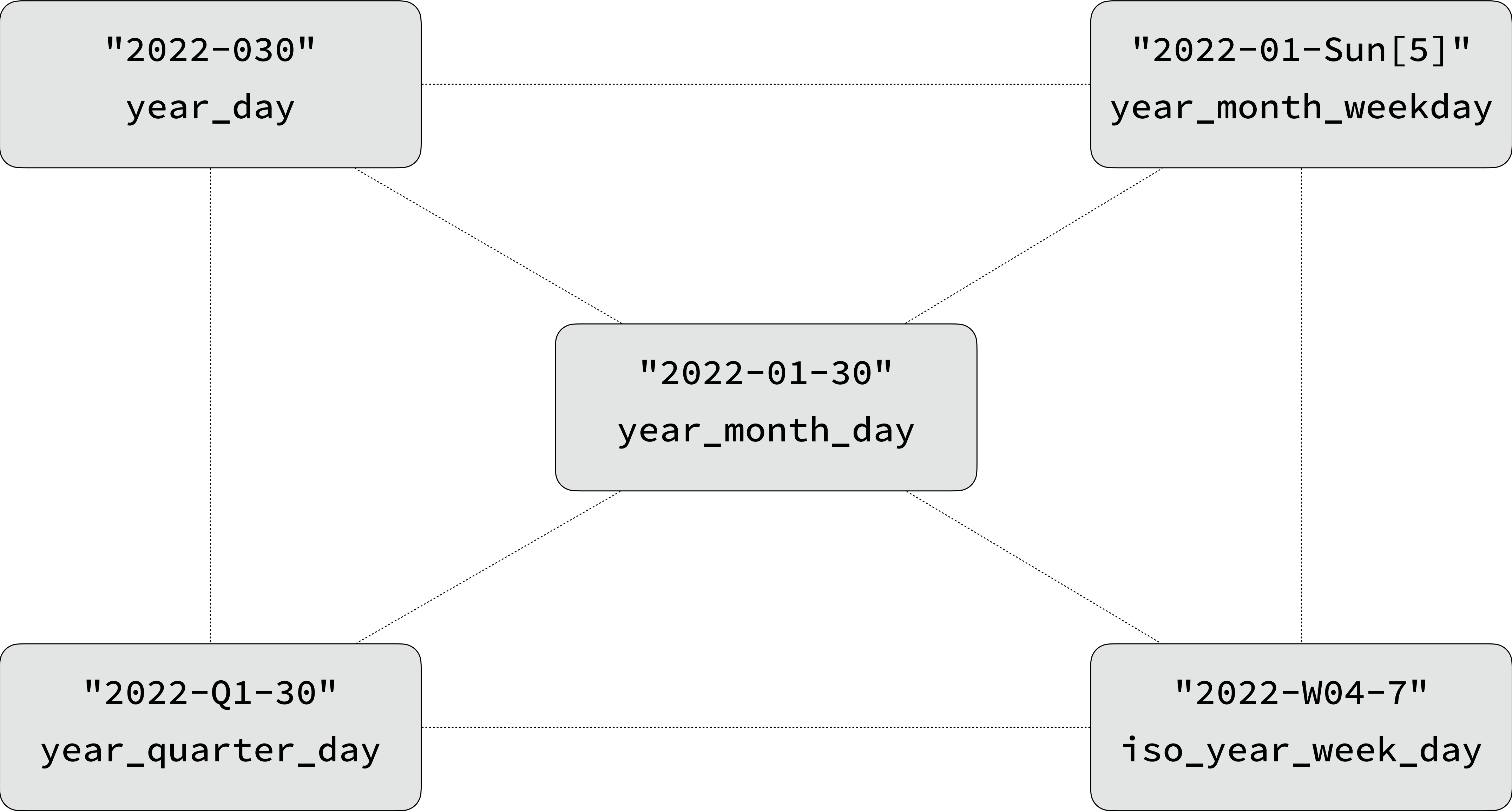year_day

"2022-01-Sun[5]"
year_month_weekday
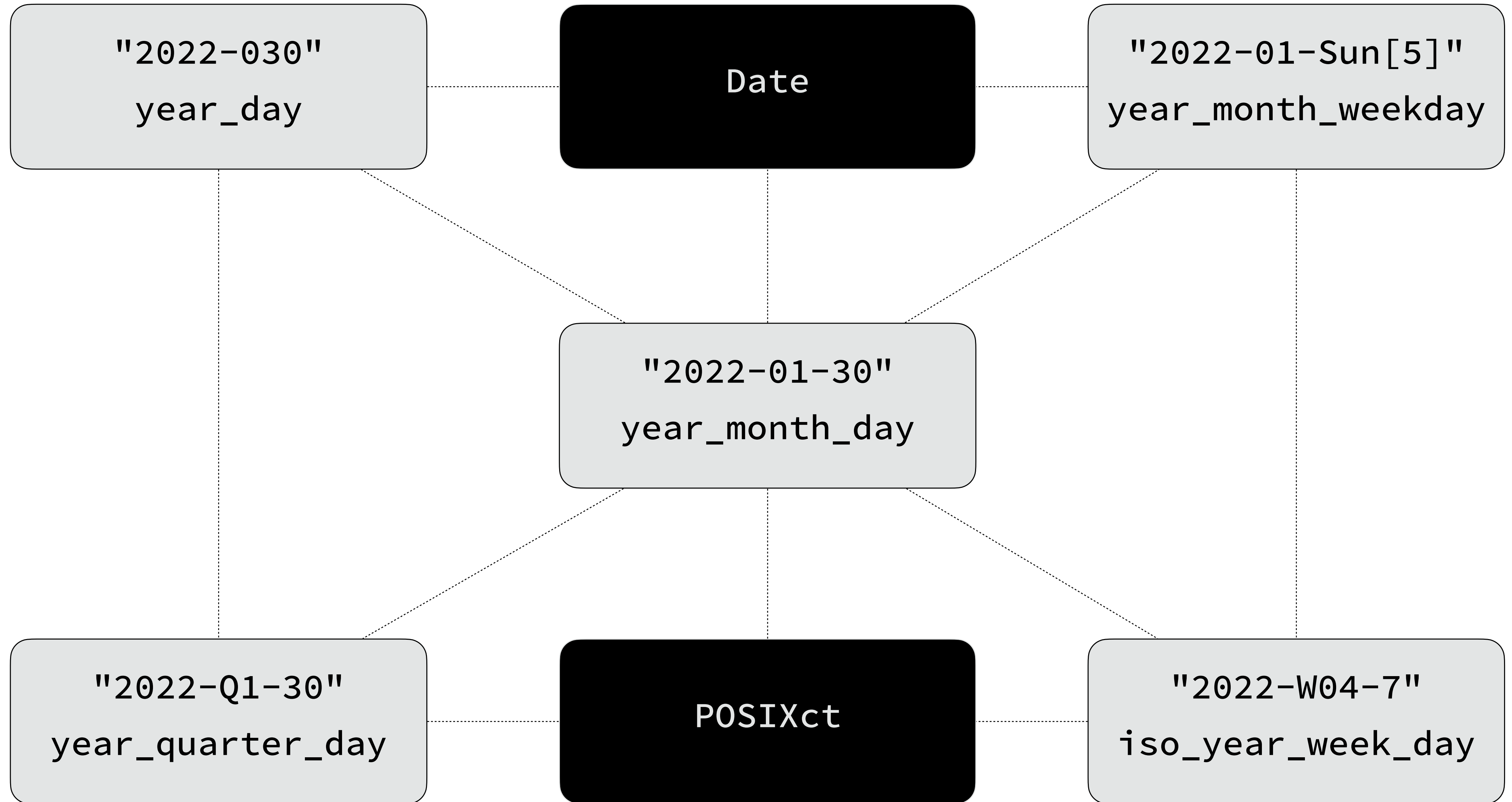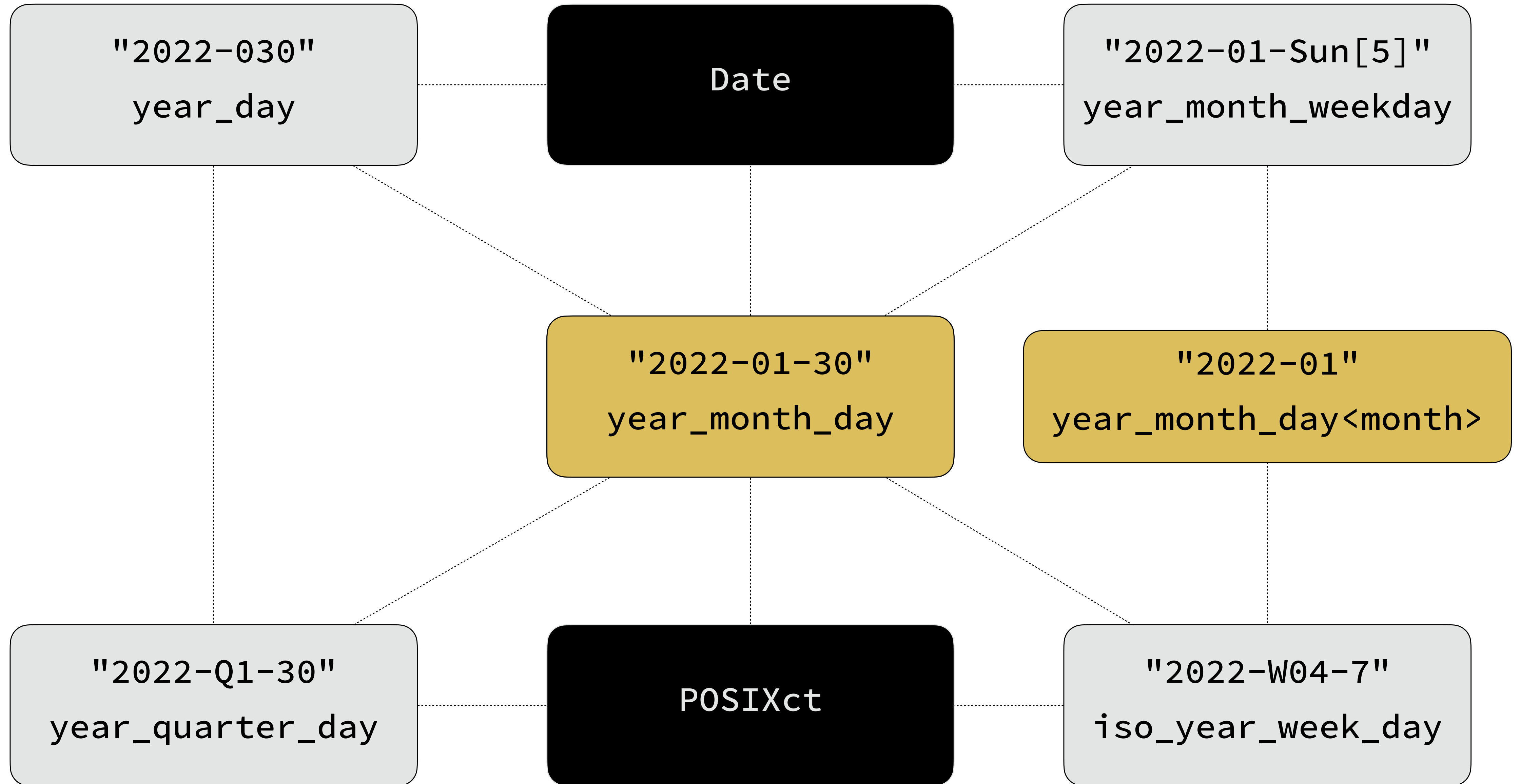
"2022-01-30"
year_month_day

"2022-Q1-30"
year_quarter_day

"2022-W04-7"
iso_year_week_day

"2022-030"
year_day

Date

"2022-01-Sun[5]"
year_month_weekday

"2022-01-30"
year_month_day

"2022-01"
year_month_day<month>

"2022-Q1-30"
year_quarter_day

POSIXct

"2022-W04-7"
iso_year_week_day

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Compatibility

slider

Rolling average, looking back 3 quarters

ivs

Intervals, i.e. [2022-01, 2022-07)

lubridate is **NOT** going anywhere

But try clock for:
- Enhanced **safety**
- Powerful **types**

clock.r-lib.org