Slicing up your time series

tibbletime
12
9
3
6
Davis Vaughan

The 2nd hour of 2017-07-12

```
airbnb %>%
  filter(
    last_modified ⩾ as.POSIXct("2017-07-12 02:00:00", tz = "UTC"),
    last_modified ⩽ as.POSIXct("2017-07-12 02:59:59", tz = “UTC”)
)
```

```
airbnb %>%
  filter_time("2017-07-12 02:00:00" ~ "2017-07-12 02:59:59")
```

```
airbnb %>%
  filter_time(~ "2017-07-12 02")
```

Slicing up your time series

The 2nd hour of 2017-07-12

```
airbnb %>%
  filter(
    last_modified ⩾ as.POSIXct("2017-07-12 02:00:00", tz = "UTC"),
    last_modified ⩽ as.POSIXct("2017-07-12 02:59:59", tz = "UTC")
)
```

```
airbnb %>%
  filter_time("2017-07-12 02:00:00" ~ "2017-07-12 02:59:59")
```

```
airbnb %>%
  filter_time(~ "2017-07-12 02")
```

Expands into

The time formula

```
# All of 2017
airbnb %>%
  filter_time(~ "2017")
```

```
# Start of November → End of December
airbnb %>%
  filter_time("2017-11" ~ "2017-12")
```

```
# Start of series → End of December
airbnb %>%
  filter_time("start" ~ "2017-12")
```