

Linux time UTC KST RTC

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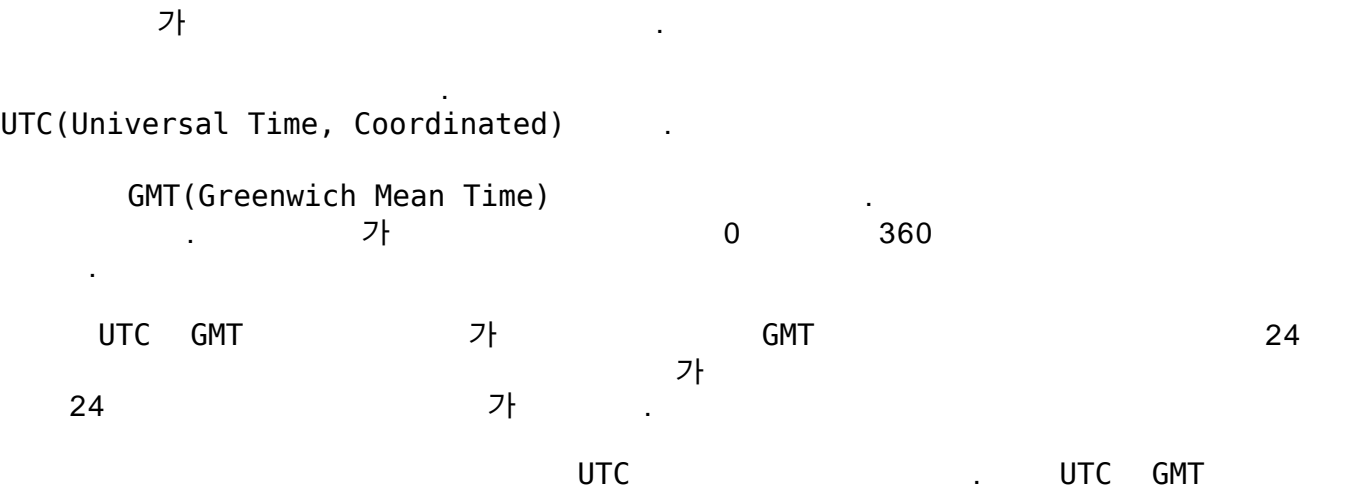
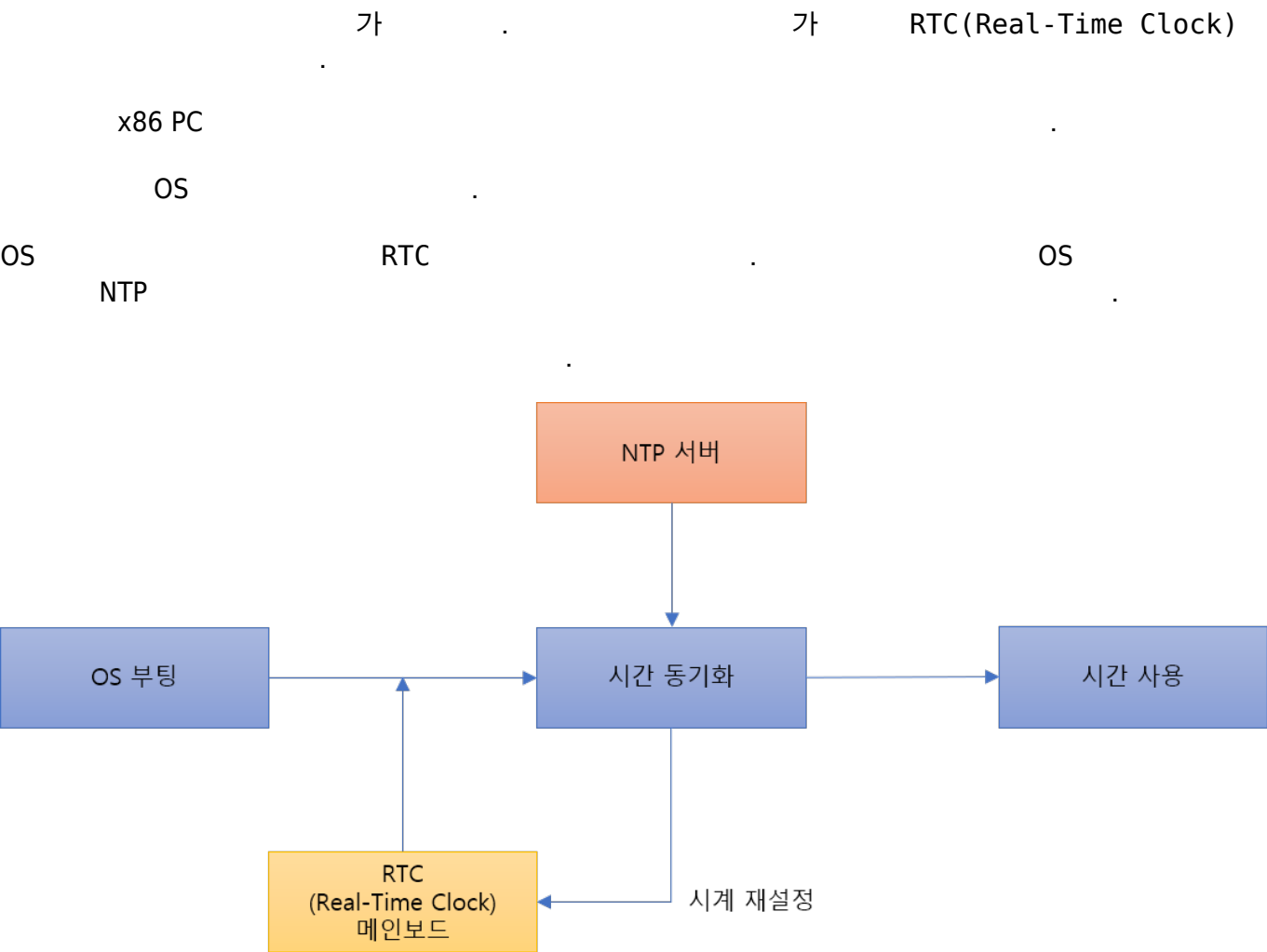
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# Linux time UTC KST RTC



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UTC+09:00                      KST(Korea Standard Time)

9    0    9

IT    local time

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KST

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UTC    locale ,

• Windows    RTC

• Linux    RTC + local time

Linux    RTC    UTC

RTC가 00:00    00:00

09:00    NTP

```
root@server:~# timedatectl
    Local time: Thu 2021-05-06 00:43:18 KST      # <-      OS
    Universal time: Wed 2021-05-05 15:43:18 UTC  # <-  UTC
    RTC time: Wed 2021-05-05 15:43:19          # <-      RTC
    Time zone: Asia/Seoul (KST, +0900)         # <-  OS
timezone
System clock synchronized: yes                # <-  RTC   OS
    NTP service: active                        # <-  NTP
    RTC in local TZ: no                       # <-  RTC
localtime
```

```
root@server:~#
```

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RTC localtime
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```
$ timedatectl set-local-rtc yes
```

```
RTC localtime
```

```
UTC
```

```
RTC
```

```
localtime 09:00
```

```
root@talk:~# timedatectl set-local-rtc yes
```

```
root@talk:~# timedatectl
```

```
Local time: Thu 2021-05-06 01:38:28 KST
```

```
Universal time: Wed 2021-05-05 16:38:28 UTC
```

```
RTC time: Thu 2021-05-06 01:38:28
```

```
Time zone: Asia/Seoul (KST, +0900)
```

```
System clock synchronized: yes
```

```
NTP service: active
```

```
RTC in local TZ: yes
```

Warning: The system is configured to read the RTC time in the local time zone.

This mode cannot be fully supported. It will create various problems

with time zone changes and daylight saving time adjustments. The RTC

time is never updated, it relies on external facilities to maintain it.

If at all possible, use RTC in UTC by calling 'timedatectl set-local-rtc 0'.

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From:

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Last update: **2021/05/05 16:40**

