

# ngx\_times.h Documentation:

## Functions Declared:

void ngx\_time\_init(void)

void ngx\_time\_update(void)

void ngx\_time\_sigsafe\_update(void)

u\_char \*ngx\_http\_time( u\_char \*buf,  
time\_t t  
)

u\_char \*ngx\_http\_cookie\_time( u\_char \*buf,  
time\_t t  
)

void ngx\_gmtime( time\_t t,  
ngx\_tm\_t \*tp  
)

time\_t ngx\_next\_time( time\_t when)

## Data Structures Defined:

```
typedef struct {  
    time_t      sec;  
    ngx_uint_t  msec;  
    ngx_int_t   gmtoff;  
} ngx_time_t;
```

## Macros Defined:

```
#define NGX_TIME_SLOTS 64  
#define ngx_next_time_n    "mktime()"   
#define ngx_time()         ngx_cached_time->sec  
#define ngx_timeofday()   (ngx_time_t *) ngx_cached_time
```

## Extern Variables :

```
extern volatile ngx_str_t  ngx_cached_err_log_time;  
extern volatile ngx_str_t  ngx_cached_http_time;  
extern volatile ngx_str_t  ngx_cached_http_log_time;  
extern volatile ngx_str_t  ngx_cached_http_log_iso8601;  
extern volatile ngx_str_t  ngx_cached_syslog_time;  
extern volatile ngx_msec_t ngx_current_msec;
```

Include Dependency Graph :

