

DB

```
- - - - -
select
dbtimezone, sessiontimezone
from dual
/
- - - - -
alter session set time_zone = 'europe/London'
/
```

```
- - - - -
alter session set time_zone = 'asia/seoul'
/
```

```
- - - - -
alter session set time_zone = '+09:00'
/
```

```
- - - - -
select
dbtimezone, sessiontimezone
from dual
/
```

```
- - - - -
create table times
(
ts timestamp
,tsz timestamp with time zone
,tlz timestamp with local time zone
,oldtime date
)
/
```

```
- - - - -
insert into times
values(sysdate,sysdate,sysdate,sysdate)
/
```

```
- - - - -
select * from times
/
```

```
- - - - -
select tz_offset('us/eastern')
from dual
/
```

```
- - - - -
select tz_offset('canada/yukon')
from dual
/
```

```
- - - - -
select tz_offset('europe/london')
```

```
from dual
/
-----
select * from v$timezone_names
/
-----
alter session
set nls_date_format = 'dd - mon - yyyy hh24:mi:ss'
/
-----
alter session
set time_zone = '- 5:0'
/
-----
select sessiontimezone, current_date
from dual
/
-----
alter session
set time_zone = '- 8:0'
/
-----
select sessiontimezone, current_date
from dual
/
-----
alter session
set time_zone = '- 5:0'
/
-----
select sessiontimezone, current_timestamp
from dual
/
-----
alter session
set time_zone = '- 8:0'
/
-----
select
sessiontimezone
, current_date
,current_timestamp
,localtimestamp
from dual
/
-----
select dbtimezone from dual
```

```
/
select sessiontimezone from dual
/
-----
create table shipping
(delivery_time timestamp with local time zone)
/
-----
insert into shipping
values(current_timestamp + 2)
/
-----
select * from shipping
/
-----
alter session
set time_zone = 'europe/london'
/
-----
select * from shipping
/
-----

-----

select
extract( year from sysdate)
from dual
/
-----
select
last_name, hire_date
,extract( month from hire_date)
from employees
where manager_id = 100
/
-----
select from_tz(
timestamp '2000 - 03 - 28 08:00:00','3:00'
) from dual
/
-----
select from_tz(
timestamp '2000 - 03 - 28 08:00:00','australia/north'
) from dual
/
-----
```

```
select
to_timestamp(
'2000 - 12 - 01 11:00:00'
,'yyyy - mm - dd hh:mi:ss')
from dual
/
```

- - - - -

```
select
to_timestamp_tz(
'2000 - 12 - 01 11:00:00 - 8:00'
,'yyyy - mm - dd hh:mi:ss tzh:tzm')
from dual
/
```

- - - - -

```
select
hire_date
,hire_date + to_ymininterval('01 - 02') as
hire_date_ymininterval
from employees
where department_id = 20
/
```

- - - - -

```
alter session
set nls_date_format = 'yy - mm - dd'
/
```

- - - - -