

Oracle: Source SQL pour une dimension heures minutes secondes

Voici une source possible pour une dimension heure :

```
SELECT NOHEURE,
       TXHEUREZERO,
       NOMINUTE,
       TXMINUTEZERO,
       NOSECONDE,
       TXSECONDEZERO,
       CASE WHEN NOHEURE <= '12' THEN 'AM'; ELSE
       'PM'; END CDAMPM,
       CASE WHEN NOHEURE <= '12' THEN 'AVANT-MIDI'; ELSE
       'APRÈS-MIDI'; END TXAMPM,
       CASE WHEN NOHEURE BETWEEN '00' AND '06' THEN
       'NUIT';
       WHEN NOHEURE BETWEEN '07' AND '11' THEN
       'AVANT-MIDI';
       WHEN NOHEURE BETWEEN '12' AND '17' THEN
       'APRÈS-MIDI';
       WHEN NOHEURE BETWEEN '18' AND '23' THEN
       'SOIR';
       ELSE NULL END CD4PARTIEJOUR,
       CASE WHEN NOHEURE BETWEEN '00' AND '07' THEN
       'NUIT';
```

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WHEN NOHEURE BETWEEN '08' AND '16' THEN
'JOUR';

WHEN NOHEURE BETWEEN '17' AND '23' THEN
'SOIR';

ELSE NULL END CD3PARTIEJOUR,

CASE WHEN TXMINUTEZERO BETWEEN '00' AND '29' THEN
'00';

WHEN TXMINUTEZERO BETWEEN '30' AND '59' THEN
'30';

ELSE NULL END CD30MINUTE,

CASE WHEN TXMINUTEZERO BETWEEN '00' AND '29' THEN
TXHEUREZERO || '00';

WHEN TXMINUTEZERO BETWEEN '30' AND '59' THEN
TXHEUREZERO || '30';

ELSE NULL END TX30MINUTE,

CASE WHEN TXMINUTEZERO BETWEEN '00' AND '14' THEN
'00';

WHEN TXMINUTEZERO BETWEEN '15' AND '29' THEN
'15';

WHEN TXMINUTEZERO BETWEEN '30' AND '44' THEN
'30';

WHEN TXMINUTEZERO BETWEEN '45' AND '59' THEN
'45';

ELSE NULL END CD15MINUTE,

CASE WHEN TXMINUTEZERO BETWEEN '00' AND '14' THEN
TXHEUREZERO || '00';

WHEN TXMINUTEZERO BETWEEN '15' AND '29' THEN
TXHEUREZERO || '15';

WHEN TXMINUTEZERO BETWEEN '30' AND '44' THEN

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THEN TXHEUREZERO || '':30';

Â Â Â Â Â Â Â Â Â Â Â WHEN TXMINUTEZERO BETWEEN ''45' AND ''59';
THEN TXHEUREZERO || '':45';

Â Â Â Â Â Â Â Â Â Â Â ELSE NULL END TX15MINUTE,

Â Â Â Â Â Â CASE WHEN TXMINUTEZERO BETWEEN ''00' AND ''09';
THEN ''00';

Â Â Â Â Â Â Â Â Â Â Â WHEN TXMINUTEZERO BETWEEN ''10' AND ''19';
THEN ''10';

Â Â Â Â Â Â Â Â Â Â Â WHEN TXMINUTEZERO BETWEEN ''20' AND ''29';
THEN ''20';

Â Â Â Â Â Â Â Â Â Â Â WHEN TXMINUTEZERO BETWEEN ''30' AND ''39';
THEN ''30';

Â Â Â Â Â Â Â Â Â Â Â WHEN TXMINUTEZERO BETWEEN ''40' AND ''49';
THEN ''40';

Â Â Â Â Â Â Â Â Â Â Â WHEN TXMINUTEZERO BETWEEN ''50' AND ''59';
THEN ''50';

Â Â Â Â Â Â Â Â Â Â Â ELSE NULL END CD10MINUTE,

Â Â Â Â Â Â CASE WHEN TXMINUTEZERO BETWEEN ''00' AND ''09';
THEN TXHEUREZERO || '':00';

Â Â Â Â Â Â Â Â Â Â Â WHEN TXMINUTEZERO BETWEEN ''10' AND ''19';
THEN TXHEUREZERO || '':10';

Â Â Â Â Â Â Â Â Â Â Â WHEN TXMINUTEZERO BETWEEN ''20' AND ''29';
THEN TXHEUREZERO || '':20';

Â Â Â Â Â Â Â Â Â Â Â WHEN TXMINUTEZERO BETWEEN ''30' AND ''39';
THEN TXHEUREZERO || '':30';

Â Â Â Â Â Â Â Â Â Â Â WHEN TXMINUTEZERO BETWEEN ''40' AND ''49';
THEN TXHEUREZERO || '':40';

Â Â Â Â Â Â Â Â Â Â Â WHEN TXMINUTEZERO BETWEEN ''50' AND ''59';
THEN TXHEUREZERO || '':50';

Â Â Â Â Â Â Â Â Â Â Â ELSE NULL END TX10MINUTE

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Â FROM (SELECT rownum - 1 NOHEURE,
Â Â Â Â Â Â LPAD((rownum - 1),2,'0') TXHEUREZERO Â
Â FROM ( SELECT 1 FROM dual CONNECT BY LEVEL <= '24') HEURES,
(SELECT rownum - 1 NOMINUTE,
Â Â Â Â Â Â LPAD((rownum - 1),2,'0') TXMINUTEZERO Â
Â FROM ( SELECT 1 FROM dual CONNECT BY LEVEL <= '60') MINUTES,Â Â Â Â
(SELECT rownum - 1 NOSECONDE,
Â Â Â Â Â Â LPAD((rownum - 1),2,'0') TXSECONDEZERO Â
Â FROM ( SELECT 1 FROM dual CONNECT BY LEVEL <= '60') SECONDES
ORDER BY NOHEURE, NOMINUTE, NOSECONDE
```

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