Oracle: Source SQL pour une dimension heures minutes secondes

Voici une source possible pour une dimension heure :Â

Â

SELECT NOHEURE,

Â Â Â Â Â Â TXHEUREZERO,

Â Â Â Â Â Â NOMINUTE,

Â Â Â Â Â Â TXMINUTEZERO,

Â Â Â Â Â Â NOSECONDE,

Â Â Â Â Â Â TXSECONDEZERO,

Â Â Â Â Â Â CASE WHEN NOHEUREÂ ‹= '12' THEN 'AM' ELSE 'PM' END CDAMPM,

Â Â Â Â Â Â CASE WHEN NOHEUREÂ ‹= '12' THEN 'AVANT-MIDI' ELSE 'APRÃˆS-MIDI' END TXAMPM,

Â Â Â Â Â Â CASE WHEN NOHEURE BETWEEN '00' AND '06'Â THEN 'NUIT'

Â Â Â Â Â Â Â Â Â Â Â Â WHEN NOHEURE BETWEEN '07' AND '11' THEN 'AVANT-MIDI'

Â Â Â Â Â Â Â Â Â Â Â Â Â Â WHEN NOHEURE BETWEEN '12' AND '17' THEN 'APRÃˆS-MIDI'

Â Â Â Â Â Â Â Â Â Â Â Â Â Â WHEN NOHEURE BETWEEN '18' AND '23' THEN 'SOIR'Â Â Â Â Â Â Â Â Â Â Â Â Â Â

Â Â Â Â Â Â Â Â Â Â Â Â ELSE NULL END CD4PARTIEJOUR,

Â Â Â Â Â Â CASE WHEN NOHEURE BETWEEN '00' AND '07' THEN 'NUIT'

(c) 2026 Michel Preti <info@michelpreti.com>

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

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

Â Â Â Â Â Â Â Â Â Â Â ELSE NULL END CD3PARTIEJOUR,

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

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

Â Â Â Â Â Â Â Â Â Â Â ELSE NULL END CD30MINUTE,

Â Â Â Â Â Â CASE WHEN TXMINUTEZERO BETWEEN '00' AND '29'Â THEN TXHEUREZERO || ':00'

Â Â Â Â Â Â Â Â Â Â Â WHEN TXMINUTEZERO BETWEEN '30' AND '59' THEN TXHEUREZERO || ':30'

Â Â Â Â Â Â Â Â Â Â Â ELSE NULL END TX30MINUTE,

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

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

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

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

Â Â Â Â Â Â Â Â Â Â Â ELSE NULL END CD15MINUTE,

Â Â Â Â Â Â CASE WHEN TXMINUTEZERO BETWEEN '00' AND '14' THEN TXHEUREZERO || ':00'

Â Â Â Â Â Â Â Â Â Â Â WHEN TXMINUTEZERO BETWEEN '15' AND '29' THEN TXHEUREZERO || ':15'

Â Â Â Â Â Â Â Â Â Â Â WHEN TXMINUTEZERO BETWEEN '30' AND '44'

(c) 2026 Michel Preti <info@michelpreti.com>

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'Â THEN '00'

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

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

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

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

Â Â Â Â Â Â Â Â Â Â Â WHEN TXMINUTEZERO BETWEEN '50' AND '59'Â 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'Â THEN TXHEUREZERO || ':00'

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

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

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

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

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

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

(c) 2026 Michel Preti <info@michelpreti.com>

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

Référence ID de l'article: #1090
Auteur: Michel Preti
Dernière mise à jour: 2011-09-01 15:11

(c) 2026 Michel Preti <info@michelpreti.com>