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Characters

CHR

http://publib.boulder.ibm.com/infocenter/domhelp/v8r0/index.jsp?topic=%2Fcom.ibm.designer.dominio.main.doc%2FFLSAZ_CHR_FUNCTION.html

CHARCODES

??? unclear what this is. Best match:

http://pic.dhe.ibm.com/infocenter/spssdc/v6r0m1/index.jsp?topic=%2Fcom.spss.ddl%2Fmrscripmetadata_languages_3char.htm

BTRIM

http://pic.dhe.ibm.com/infocenter/ntz/v7r0m3/index.jsp?topic=%2Fcom.ibm.nz.dbu.doc%2Fr_dbuser_ntz_sql_extns_char_funcs.html

Metadata

CURRENT_CATALOG

http://pic.dhe.ibm.com/infocenter/ntz/v7r0m3/index.jsp?topic=%2Fcom.ibm.nz.dbu.doc%2Fr_dbuser_functions.html

CURRENT_DBID

link to xls file (no good html links);

<https://www-304.ibm.com/connections/files/form/anonymous/api/library/fdae78ed-369c-4cfa-a741-b59c84fdb28/document/bce9be1f-ec02-452c-a180-648e43dad85d/media/DB2%20LUW%20to%20Netezza%20Function%20List.xls>

CURRENT_PATH

Keyword token used by SET_PATH ?

<https://publib.boulder.ibm.com/infocenter/iserics/v5r4/index.jsp?topic=%2Fdb2%2Frbafrmstsetp ath.htm>

CURRENT_SCHEMA

<http://publib.boulder.ibm.com/infocenter/db2luw/v9/index.jsp?topic=%2Fcom.ibm.db2.udb.admin.doc%2Fdoc%2Fr0005881.htm>

CURRENT_SID

No netezza docs found, SQLServer has:

[http://technet.microsoft.com/en-us/library/ms403629\(v=sql.105\).aspx](http://technet.microsoft.com/en-us/library/ms403629(v=sql.105).aspx)

CURRENT_USER

alias for user(); function already exists

CURRENT_USERID

no links found

CURRENT_USEROID

No netezza doc found

GETDATABASEENCODING

No pointer found, related to?

http://pic.dhe.ibm.com/infocenter/iisinfsv/v8r7/index.jsp?topic=%2Fcom.ibm.swg.im.iis.conn.netezza.use.doc%2Ftopics%2Fnzcc_supportedcharencode.html

IDENTIFIER_CASE

No netezza pointer found, related pointer:

<http://sqlmag.com/sql-server/case-sensitive-settings>

SESSION_USER

related: <http://technet.microsoft.com/en-us/library/ms177587.aspx>

Math

COT

http://www-01.ibm.com/support/knowledgecenter/ssw_ibm_i_72/rzatk/COT.htm?lang=en

DCEIL

http://pic.dhe.ibm.com/infocenter/ntz/v7r0m3/index.jsp?topic=%2Fcom.ibm.nz.dbu.doc%2Fr_dbuser_ntz_sql_extns_math_funcs.html

DEXP

related link (perhaps undocumented?)

http://pic.dhe.ibm.com/infocenter/ntz/v7r0m3/index.jsp?topic=%2Fcom.ibm.nz.dbu.doc%2Fr_dbuser_ntz_sql_extns_math_funcs.html

Postgres version:

<http://www.postgresql.org/docs/6.4/static/functions.htm>

DFLOOR

http://pic.dhe.ibm.com/infocenter/ntz/v7r0m3/index.jsp?topic=%2Fcom.ibm.nz.dbu.doc%2Fr_dbuser_ntz_sql_extns_math_funcs.html

DLOG1

no pointer found

DLOG10

no pointer found, probably similar to log on:

http://pic.dhe.ibm.com/infocenter/ntz/v7r0m3/index.jsp?topic=%2Fcom.ibm.nz.dbu.doc%2Fr_dbuser_ntz_sql_extns_math_funcs.html

DPOW

no pointer found, probably like fpow on:

http://pic.dhe.ibm.com/infocenter/ntz/v7r0m3/index.jsp?topic=%2Fcom.ibm.nz.dbu.doc%2Fr_dbuser_ntz_sql_extns_math_funcs.html

DROUND

couldn't find netezza pointer, found SQL server round:

<http://technet.microsoft.com/en-us/library/ms175003.aspx>

DSQRT

no pointer found, probably similar to sqrt on:

http://pic.dhe.ibm.com/infocenter/ntz/v7r0m3/index.jsp?topic=%2Fcom.ibm.nz.dbu.doc%2Fr_db_user_ntz_sql_extns_math_funcs.html

DTRUNC

No pointer found

FACTORIAL

http://pic.dhe.ibm.com/infocenter/ntz/v7r0m3/index.jsp?topic=%2Fcom.ibm.nz.dbu.doc%2Fr_db_user_ntz_sql_extns_math_funcs.html

FPOW

http://pic.dhe.ibm.com/infocenter/ntz/v7r0m3/index.jsp?topic=%2Fcom.ibm.nz.dbu.doc%2Fr_db_user_ntz_sql_extns_math_funcs.html

RADIANS

radians(dp) degrees to radians

http://www.velolux.com/resources/documents/Netezza_database_users_guide.pdf?force_download=true

RANDOM

random() random value between 0.0 and up to but not including 1.0

http://www.velolux.com/resources/documents/Netezza_database_users_guide.pdf?force_download=true

SETSEED

setseed(dp) sets seed for random()

http://www.velolux.com/resources/documents/Netezza_database_users_guide.pdf?force_download=true

Advanced Strings

DBL_MP

http://pic.dhe.ibm.com/infocenter/cbi/v10r2m1/index.jsp?topic=%2Fcom.ibm.swg.ba.cognos.ug_cr_rptstd.10.2.1.1.doc%2Fc_nz_dbl_mp.html

DLE_DST

http://pic.dhe.ibm.com/infocenter/cbi/v10r2m1/index.jsp?topic=%2Fcom.ibm.swg.ba.cognos.ug_cr_rptstd.10.2.1.1.doc%2Fc_nz_dle_dst.html

SEC_MP

<varchar(4) value> = sec_mp(<int4 dbl_mp return value>)

This helper function takes the value returned by a call to the dbl_mp function and returns

the corresponding 4-character secondary metaphone string. For example, `sec_mp(781598358)` returns the secondary key FXNK.

http://www.velolux.com/resources/documents/Netezza_database_users_guide.pdf?force_download=true

LE_DST

Levenshtein Edit Distance

Search for: Fuzzy String Search Functions

http://www.velolux.com/resources/documents/Netezza_database_users_guide.pdf?force_download=true

NYSIIS

SoundEx NYSIIS

SQL syntax:

`<varchar(6) value> = nysiis(<str_expr>)`

Soundex is a well-known phonetic algorithm for indexing names by sound as pronounced in English. This function converts a string into its Soundex representation using the New York State Identification and Intelligence System (NYSIIS) variation of Soundex. The return value is a string of up to 6 characters that identifies the pronunciation of the input string. For example, the function `nysiis('Washington')` returns the string 'wasang', while the function `nysiis('brown')` returns the value 'bran'.

http://www.velolux.com/resources/documents/Netezza_database_users_guide.pdf?force_download=true

SCORE_MP

`<varchar(4) value> = score_mp(<int4 dbl_mp value 1>, <int4 dbl_mp value 1>, <int4 strong match value>, <int4 normal match value>, <int4 minor match value>, <int4 no match value>)`

http://www.velolux.com/resources/documents/Netezza_database_users_guide.pdf?force_download=true

OVERLAPS

overlaps The function determines if two time intervals overlap.

Netezza SQL supports the standard SQL overlaps predicate.

http://www.velolux.com/resources/documents/Netezza_database_users_guide.pdf?force_download=true

PRI_MP

Primary Metaphone SQL Syntax:

`<varchar(4) value> = pri_mp(<int4 dbl_mp return value>)`

This helper function takes the value returned by a call to the `dbl_mp` function and returns the corresponding 4-character primary metaphone string. For example,

pri_mp(781598358) returns the primary key AXNK.

http://www.velolux.com/resources/documents/Netezza_database_users_guide.pdf?force_download=true

STRING_FROM_HEX

Looks related to:

http://dev.mysql.com/doc/refman/5.0/en/string-functions.html#function_unhex

STRING_TO_HEX

looks related to:

http://dev.mysql.com/doc/refman/5.0/en/string-functions.html#function_hex

STRPOS

strpos(s, b) Specifies starting position of substring b in string s

http://www.velolux.com/resources/documents/Netezza_database_users_guide.pdf?force_download=true

Logical

ISFALSE

isfalse(c) Is condition c not true or unknown?

http://www.velolux.com/resources/documents/Netezza_database_users_guide.pdf?force_download=true

ISNOTFALSE

isnotfalse(c) Is condition c true or unknown?

http://www.velolux.com/resources/documents/Netezza_database_users_guide.pdf?force_download=true

ISNOTTRUE

isnottrue(c) Is condition c false or unknown?

http://www.velolux.com/resources/documents/Netezza_database_users_guide.pdf?force_download=true

ISTRUE

istrue(c) Is condition c not false or unknown?

http://www.velolux.com/resources/documents/Netezza_database_users_guide.pdf?force_download=true

NONNULLVALUE

??

Vaguely related?

<http://t12325.db-postgresql-development-documentation.databasetalk.us/documenting-removal-of-nonnullvalue-and-friends-t12325-20.html>

NULLVALUE

??

Vaguely related?

<http://t12325.db-postgresql-development-documentation.databasetalk.us/documenting-removal-of-nonnullvalue-and-friends-t12325-20.html>

Misc UDF/UDA

GROUPING

<http://publib.boulder.ibm.com/infocenter/db2luw/v8/index.jsp?topic=/com.ibm.db2.udb.doc/admin/r0000761.htm>

INT_MONTHS_BETWEEN

Related link, not exact:

http://pic.dhe.ibm.com/infocenter/ntz/v7r0m3/topic/com.ibm.nz.dbu.doc/r_dbuser_ntz_sql_extns_miscellaneous_funcs.html

TIMEOFDAY

http://pic.dhe.ibm.com/infocenter/ntz/v7r0m3/index.jsp?topic=%2Fcom.ibm.nz.dbu.doc%2Fr_dbuser_ntz_sql_extns_date_time_funcs.html

TIMESTAMP_CMP

No netezza link found, alternate:

http://docs.aws.amazon.com/redshift/latest/dg/r_TIMESTAMP_CMP.html

WIDTH_BUCKET

Miscellaneous Functions Family Syntax

The syntax for the inverse distribution functions family is as follows:

`width_bucket(<expression>, <beginning of range>, <end of range>, <number of buckets>)`

X `width_bucket` — This function is used to create equi-width histograms. It takes a range and divides it into equi-width intervals, where the number of intervals is specified by `num-buckets`. It returns the bucket to which the expression belongs. Note that each bucket is a half-closed interval $[a, b)$ on the real line.

S If the expression is less than the beginning, it is assigned to an underflow bucket (zero (0)).

S If the expression is greater than the end, it is assigned to the bucket `numbuckets+1`.

S All the arguments should evaluate to a numeric value and `num-buckets` should evaluate to an integral constant.

http://www.velolux.com/resources/documents/Netezza_database_users_guide.pdf?force_download=true

Misc.

QUOTE_IDENT

related: http://www.lattimore.id.au/2007/01/04/postgresql-dynamic-sql-quote_ident-gotchas/

QUOTE_LITERAL

related: http://www.lattimore.id.au/2007/01/04/postgresql-dynamic-sql-quote_ident-gotchas/

Punt

BPCHAR

datatype

CHAR

data type

COMBINE_LABEL

??? Depends on security labels

http://pic.dhe.ibm.com/infocenter/ntz/v7r0m3/index.jsp?topic=%2Fcom.ibm.nz.adv.doc%2Fc_advsec_mls_usage.html

DATE_PART

blocked on date datatype

DATE_TRUNC

blocked on date datatype

NEXT_DAY

Depends on Date

LAST_DAY

operates on DATE (data type dependency)

NAME

??

NVARCHARCAT

Depends on varchar patch

ST_GEOMETRY

Data type (blocking)

[http://www-](http://www-01.ibm.com/support/knowledgecenter/SSULQD_7.0.3/com.ibm.nz.reln.doc/c_relnotes_binary_data_type.html)

[01.ibm.com/support/knowledgecenter/SSULQD_7.0.3/com.ibm.nz.reln.doc/c_relnotes_binary_data_type.html](http://www-01.ibm.com/support/knowledgecenter/SSULQD_7.0.3/com.ibm.nz.reln.doc/c_relnotes_binary_data_type.html)

TIMENOW

?? unknown, may depend on TIME datatype

TIMESTAMP_TO_LOCALTIME

?? depends on timezone, which are currently not supported?