

Oracle Designer

Report : TABLE DEFINITION
Filename : s:\documents\pdfs\gdom.pdf
Run by : DSHUGHES
Report Date : 12 May 2003
Total Pages : 9

Parameter Values

Workarea : GLOBAL SHARED WORKAREA
Container : GNIS
Container Version :
Recurse Sub-Containers : N
Tab/View/Snap Name : GNIS_DOMAINS
Diagram :
Includes
Yes column Details :
Tables Created
On/After :
and On/Before : 12 May 2003
Tables Changed
On/After :
On/Before : 12 May 2003

Table Definition

Container : GNIS Version :

Table Name : GNIS_DOMAINS Alias : GDOM
 Display Title :

Description : This is the domain definition table for the Geographic Names Information System (GNIS). It contains the values to be enforced by domain key constraints.

Volumes

Start Rows : End Rows :

Storage

Index-organized ? Yes

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
10	JOIN_COLUMN	NOT NULL	VARCHAR2 (50)
20	VALUE	NOT NULL	VARCHAR2 (50)
30	DESCRIPTION	NOT NULL	VARCHAR2 (2000)

Primary Key

<u>Name</u>	<u>Column</u>
GDOM_PK	JOIN_COLUMN VALUE

Column Detail

10 JOIN_COLUMN

Optional ? :No ; Varchar2 (50) ;() ; ; Uppercase ? :Yes ;

The name of the TABLE.COLUMN against which the domain key constraint is enforced, also the value in the where clause of the domain key constraint.

Notes

Current GNIS Table/Column:
 none

Data Loading Instructions:

Data Loading Instructions: Load the following values.

JOIN_COLUMN VALUE DESCRIPTION
 CELL_FEATURES.CELL_FEATURE_TYPE COUNTRY The cell includes area of the specified country.
 CELL_FEATURES.CELL_FEATURE_TYPE COUNTY The cell contains all or part of the specified county.

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CELL_FEATURES.CELL_FEATURE_TYPE FOREST The cell is associated with the specified forest.

CELL_FEATURES.CELL_FEATURE_TYPE STATE The cell includes area of the specified state.

CELL_FEATURES.CELL_FEATURE_TYPE TBD (Why do we need this?) The type is to be determined. This is the default for records that have not been assigned a type.

CELLS.CELL_SIZE 1 X 1 DEGREE The size of the standard unit for the grid of which the cell is a part.

CELLS.CELL_SIZE 1 X 2 DEGREE The size of the standard unit for the grid of which the cell is a part.

CELLS.CELL_SIZE 1 X 3 DEGREE The size of the standard unit for the grid of which the cell is a part.

CELLS.CELL_SIZE 1 X 4 DEGREE The size of the standard unit for the grid of which the cell is a part.

CELLS.CELL_SIZE 15 X 15 MINUTE The size of the standard unit for the grid of which the cell is a part.

CELLS.CELL_SIZE 2 X 1 DEGREE The size of the standard unit for the grid of which the cell is a part.

CELLS.CELL_SIZE 3.75 X 3.75 MINUTE The size of the standard unit for the grid of which the cell is a part.

CELLS.CELL_SIZE 30 X 30 MINUTE The size of the standard unit for the grid of which the cell is a part.

CELLS.CELL_SIZE 30 X 60 MINUTE The size of the standard unit for the grid of which the cell is a part.

CELLS.CELL_SIZE 4 X 10 DEGREE The size of the standard unit for the grid of which the cell is a part.

CELLS.CELL_SIZE 4 X 12 DEGREE The size of the standard unit for the grid of which the cell is a part.

CELLS.CELL_SIZE 4 X 20 DEGREE The size of the standard unit for the grid of which the cell is a part.

CELLS.CELL_SIZE 4 X 28 DEGREE The size of the standard unit for the grid of which the cell is a part.

CELLS.CELL_SIZE 4 X 6 DEGREED The size of the standard unit for the grid of which the cell is a part.

CELLS.CELL_SIZE 7.5 X 15 MINUTE The size of the standard unit for the grid of which the cell is a part.

CELLS.CELL_SIZE 7.5 X 7.5 MINUTE The size of the standard unit for the grid of which the cell is a part.

CELLS.CELL_SIZE NONE The cell is not associated with any of the standard grids.

CELLS.CELL_TYPE IRREGULAR The cell is a single unit in a uniform grid used to define the geometric boundaries of a product. The cells in the standard grid are uniform in dimension and bounded by meridians of longitude and parallels of latitude. The irregular cell is associated with a graphic product that is not represented as a rectangle. One or more sides of the product are not parallel to the opposite sides. This non-parallelism is not apparent in the cell but shows only on the associated product.

CELLS.CELL_TYPE OVERSIZED The cell is a single unit in a uniform grid used to define the geometric boundaries of a product. The cells in the standard grid are uniform in dimension and bounded by meridians of longitude and parallels of latitude. The oversized cell has been increased in either latitude or longitude, to encompass areas of land and/or features to be

Table Definition

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Column Detail

included in the product, but which would not be included if the cell conformed to the standard grid size. There is no standard for how much greater this size may be. At least three sides of the cell conform to the grid lines, and the cell is considered to be on-grid. Adjacent cells may have been reduced in size to minimize the overall effect to the grid system. These cells usually are created for graphic mapping projects.

CELLS.CELL_TYPE STANDARD OFF GRID The cell is a single unit in a uniform grid used to define the geometric boundaries of a product. The cells in the grid are uniform in dimension and bounded by meridians of longitude and parallels of latitude. The four corners of the standard off-grid cell do not align with the intersections of lines in the grid. The cell is offset from the grid to encompass areas of land and/or features that must be included in the product but would not be included if it conformed to the grid. Two parallel or all four sides do not coincide with the grid lines.

CELLS.CELL_TYPE STANDARD ON GRID The cell is a single unit in a uniform grid used to define the geometric boundaries of a product. The cells in the grid are uniform in dimension and bounded by meridians of longitude and parallels of latitude. The four corners of the standard on-grid cell align with the intersections of lines in the grid.

CELLS.CELL_TYPE UNDERSIZED A single unit in a uniform grid used to define the geometric boundaries of a product. The cells in the standard grid are uniform in dimension and bounded by meridians of longitude and parallels of latitude. The undersized cell has been decreased in either latitude or longitude, to compensate either for adjacent oversized cells or to conform to the requirements of the product. There is no standard for how much less this size may be. At least three sides of the cell conform to the grid lines, and the cell is considered to be on-grid. Adjacent cells may have been increased in size to minimize the overall effect to the grid system. These cells usually are created for graphic mapping projects.

FEATURE_CLASSES.LOCATION CENTER The feature primary point is located in the approximate geographic center of the feature. This location value applies all features not assigned one of the other location values.

FEATURE_CLASSES.LOCATION DAM The feature primary point is the dam of a reservoir. This location value applies only to features with a feature class of reservoir.

FEATURE_CLASSES.LOCATION HIGHEST POINT The feature primary point is the highest point of a range, ridge, summit, or pillar. This location value applies only to features with a feature class of range, ridge, summit, or pillar.

FEATURE_CLASSES.LOCATION MOUTH The feature primary point is the mouth of a valley, stream, or arroyo. This location value applies only to features with a feature class of valley, stream, or arroyo.

FEATURE_CLASSES.LOCATION ORIGINAL CENTER The feature primary point is the center of the original populated place. This location value applies only to features with a feature class of populated place.

FEATURE_DATA_DESIGNATIONS.DATA_DESIGNATION ALASKA FEATURE The feature was a record in the original GNIS ALASKA FEATURE table.

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When all records are reconciled, this designation may be deleted. No new records will be assigned this designation.

FEATURE_DATA_DESIGNATIONS.DATA_DESIGNATION ALASKA TEXT MERGE The ALASKA_HISTORY and/or ALASKA_DESCRIPTION columns need to be reconciled with the HISTORY and DESCRIPTION columns. Once all records have been reconciled, the ALASKA_HISTORY and ALASKA_DESCRIPTION columns will be deleted from the table.

FEATURE_DATA_DESIGNATIONS.DATA_DESIGNATION CLASS UNKNOWN The class of this feature is not known. This class is for legacy data only. No new or edited records will be assigned this class.

FEATURE_DATA_DESIGNATIONS.DATA_DESIGNATION COORDINATES ERROR The coordinates for this feature may be in error.

FEATURE_DATA_DESIGNATIONS.DATA_DESIGNATION COORDINATES UNKNOWN Coordinates of this feature are unknown.

FEATURE_DATA_DESIGNATIONS.DATA_DESIGNATION DIACRITIC UNKNOWN The feature name should include one or more diacritic marks, but the type of mark and the location in the name are unknown. Therefore the feature name does not show the diacritic mark(s).

FEATURE_DATA_DESIGNATIONS.DATA_DESIGNATION NAME/VARIANT SAME The feature name was identical with a variant name in the old database. The feature name may be incorrect.

FEATURE_DATA_DESIGNATIONS.DATA_DESIGNATION PHASE ONE ERROR The name or application of this feature may be incorrect, a Phase 1 compilation error.

FEATURE_DATA_DESIGNATIONS.DATA_DESIGNATION QUAD '95 CD ERROR The coordinates for this feature do not match the Quad Code '95 CD.

FEATURE_DATA_DESIGNATIONS.DATA_DESIGNATION QUAD COMPARE ERROR An error in the coordinates for this feature was found during the Quad Code comparison.

FEATURE_DATA_DESIGNATIONS.DATA_DESIGNATION SOURCE ERROR The source coordinates for this feature may be in error.

FEATURE_DATA_DESIGNATIONS.DATA_DESIGNATION SOURCE ON NEAT The source coordinates for this feature are on the neat line.

FEATURE_DECISIONS.AUTHORITY ADMINISTRATIVE The decision regarding the feature name or its application was delegated by the U.S. Board on Geographic Names to the federal agency administering the feature.

FEATURE_DECISIONS.AUTHORITY BOARD DECISION The decision regarding the feature name or its application was made by authority of the U.S. Board on Geographic Names.

FEATURE_DECISIONS.AUTHORITY BOARD POLICY The decision regarding the feature name or its application was made by authority of the U.S. Board on Geographic Names policy, implemented by the Geographic Names Office.

FEATURE_DECISIONS.AUTHORITY CONGRESS The decision regarding the feature name or its application was made by authority of an act or law of Congress.

FEATURE_DECISIONS.AUTHORITY EXECUTIVE The decision regarding the feature name or its application was made by authority of a Presidential Executive Order.

FEATURE_DECISIONS.DECISION_TYPE APPLICATION The decision was a Federal decision to change the coordinates of the primary point of the feature.

FEATURE_DECISIONS.DECISION_TYPE NOT OFFICIAL The decision was a Federal decision to declare a name not official. A feature name declared not official is a name that has been approved by a

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state and may be in use on some maps, but has no recognition as official by the Federal Government and shall not be used in Federal documents. A Not Official name may not be a variant. This type of decision is seldom exercised.

FEATURE_DECISIONS.DECISION_TYPE OFFICIAL The decision was a Federal decision to recognize a feature name as the sole official name of the feature for Federal usage.

FEATURE_DECISIONS.DECISION_TYPE VACATED The decision was a Federal decision to vacate a feature name that was previously recognized as official. The official status of a vacated name is removed. A vacated may be a variant. A vacated name name is distinct from a name specifically declared Not Official. This type of decision is seldom exercised.

FEATURE_DECISIONS.DECISION_TYPE VARIANT A decision to enter a feature name into the database as a variant. There are four types of variants, 1) a historical name that is no longer official, 2) a name that is less used than the official name but is recognized locally, 3) a name that is not the official name but is incorrectly recorded on a map, and 4) a misspelling of an official name. A variant is not recognized as official by the Federal Government. A feature may have multiple variants. Variants are carried in the database for ease of recognition and to facilitate research.

FEATURE_DESIGNATIONS.DESIGNATION ADMINISTERED COUNTY The feature is administered by a county agency.

FEATURE_DESIGNATIONS.DESIGNATION ADMINISTERED FEDERAL The feature is administered by a federal agency.

FEATURE_DESIGNATIONS.DESIGNATION ADMINISTERED MUNICIPAL The feature is administered by a municipal agency.

FEATURE_DESIGNATIONS.DESIGNATION ADMINISTERED PRIVATE The feature is administered by a private agency.

FEATURE_DESIGNATIONS.DESIGNATION ADMINISTERED PUBLIC The feature is administered by a public agency.

FEATURE_DESIGNATIONS.DESIGNATION ADMINISTERED STATE The feature is administered by a state agency.

FEATURE_DESIGNATIONS.DESIGNATION ASSESSMENT DISTRICT Minor civil division (MCD) recognized as a primary county division by the Bureau of Census.

FEATURE_DESIGNATIONS.DESIGNATION CONCISE The feature has been designated by the Geographic Names Office as one that should be labeled on maps with a scale of 1:250,000.

FEATURE_DESIGNATIONS.DESIGNATION COUNTY SEAT The feature is the county seat of a county.

FEATURE_DESIGNATIONS.DESIGNATION ELECTION DISTRICT Minor civil division (MCD) recognized as a primary county division by the Bureau of Census.

FEATURE_DESIGNATIONS.DESIGNATION ELECTION PRECINCT Minor civil division (MCD) recognized as a primary county division by the Bureau of Census.

FEATURE_DESIGNATIONS.DESIGNATION HISTORICAL The feature no longer exists.

FEATURE_DESIGNATIONS.DESIGNATION INCORPORATED PLACE The feature is an incorporated place.

FEATURE_DESIGNATIONS.DESIGNATION INDEPENDENT CITY The feature is an independent city and not part of a county.

FEATURE_DESIGNATIONS.DESIGNATION KNOWN SOURCE The feature coordinates with the highest sequence number is known to be the

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Column Detail

		source of the feature. This designation applies only to features with a class of stream, valley, or arroyo. FEATURE_DESIGNATIONS.DESIGNATION MAGISTERIAL DISTRICT Minor civil division (MCD) recognized as a primary county division by the Bureau of Census. FEATURE_DESIGNATIONS.DESIGNATION PARISH GOVERNING AUTHORITY DISTRICT Minor civil division (MCD) recognized as a primary county division by the Bureau of Census. FEATURE_DESIGNATIONS.DESIGNATION QUARTER Minor civil division (MCD) recognized as a primary county division by the Bureau of Census. FEATURE_DESIGNATIONS.DESIGNATION STATE CAPITAL The feature is the capital of a state or state equivalent. FEATURE_DESIGNATIONS.DESIGNATION SUBDIVISION The feature is a subdivision of an incorporated place. FEATURE_DESIGNATIONS.DESIGNATION SUPERVISOR DISTRICT Minor civil division (MCD) recognized as a primary county division by the Bureau of Census.
		FEATURE_REFERENCES.REFERENCE_TYPE INTERVIEW The reference is an interview. FEATURE_REFERENCES.REFERENCE_TYPE MAP The reference is a map. FEATURE_REFERENCES.REFERENCE_TYPE TEXT The reference is text. FEATURE_REFERENCES.REFERENCE_TYPE WEB The reference is a website.
		FEATURE_RELATIONSHIPS.RELATIONSHIP IN ANTARCTICA The feature is in Antarctica. A feature with this relationship cannot have an In County, In State, or Subdivision relationship. FEATURE_RELATIONSHIPS.RELATIONSHIP IN COUNTY The feature is located in the specified county. A feature with this relationship cannot have an In State Relationship. FEATURE_RELATIONSHIPS.RELATIONSHIP IN STATE The feature is located in the specified state. This relationship applies if it is not possible or appropriate to specify an In County relationship. A feature with this relationship cannot have an In County relationship. FEATURE_RELATIONSHIPS.RELATIONSHIP SUBDIVISION The feature is a subdivision of the specified incorporated place.
		CELL_HIST_NAMES.REQUESTOR Mapping Applications Center CELL_HIST_NAMES.REQUESTOR Mid-Cont MC CELL_HIST_NAMES.REQUESTOR Research Geographic Names CELL_HIST_NAMES.REQUESTOR Rocky Mtn MC CELL_HIST_NAMES.REQUESTOR Western MC
20	VALUE	
		Optional ? :No ; Varchar2 (50) ;() ; ; Uppercase ? :Yes ; The value to be enforced by the domain key constraint.
	<u>Notes</u>	Current GNIS Table/Column: none
		Data Loading Instructions: See JOIN_COLUMN
30	DESCRIPTION	
		Optional ? :No ; Varchar2 (2000) ;() ; ; Uppercase ? :No ;

Table Definition

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Column Detail

The description of the value to be enforced by the domain key constraint.

Notes

Current GNIS Table/Column:
none

Data Loading Instructions: See JOIN_COLUMN

Oracle Designer
TABLE DEFINITION
End of Report