

# DZ\_TESTDATA

- Build ID: DZBUILDIDDZ
- Change Set: DZCHANGESETDZ

Sample data used in validation of tests and procedures. All data sets derived from public domain US government datasets, notably US Census Bureau, Open Street Map and EPA NHDPlus Hydrologic datasets.

Data storage formats in these packages utilize the full range of Oracle Spatial data models and storage formats and thus require the full Oracle Spatial license to use.

## Summary

### DZ\_TESTDATA

#### CONSTANTS

<code>dz_testdata_constants.c_tablespace</code>	Tablespace in which to store resources created by dz_testdata.
<code>dz_testdata_constants.c_directory</code>	Directory used when creating Network Data Model resources.
<code>dz_testdata_constants.c_albers_srid</code>	Srid to use for albers equal area conic for continental United States.
<code>dz_testdata_constants.c_raster_storage</code>	Storage blurb to use when creating raster table blobs.

#### FUNCTIONS

<code>dz_testdata_main.drop_datasets</code>	Procedure to drop all datasets currently in the dz_testdata package.
<code>dz_testdata_main.create_datasets</code>	Procedure to create the tabular resources that hold dz_testdata.
<code>dz_testdata_main.load_datasets</code>	Procedure to load tabular data into dz_testdata datasets.
<code>dz_testdata_main.verify_datasets</code>	Function to verify that all datasets exist and are valid.

## CONSTANTS

### `dz_testdata_constants.c_tablespace`

Tablespace in which to store resources created by dz\_testdata. Some Oracle Spatial functions (such as topology spatial indexes) create resources using the default tablespace of the owner. Default value is USERS.

### `dz_testdata_constants.c_directory`

Directory used when creating Network Data Model resources. NDM requires a writeable directory in order to create a network. If you do not have access to a directory, then you cannot build the NDM test data.

### `dz_testdata_constants.c_albers_srid`

Srid to use for albers equal area conic for continental United States. When using Oracle 12c, conditional compilation will set this to srid 5070. For 11g and earlier, a custom srid is required. For more information on adding the required custom srid see <http://www.epa.gov/waterdata/spatial-data-waters>

### `dz_testdata_constants.c_raster_storage`

Storage blurb to use when creating raster table blobs. Conditional compilation will set this to NULL for database versions less than 11.1

## FUNCTIONS

### `dz_testdata_main.drop_datasets`

Procedure to drop all datasets currently in the dz\_testdata package.

#### Parameters

None

#### Returns

Nothing

#### Notes

- Procedure does not empty the recycle bin.

## **dz\_testdata\_main.create\_datasets**

Procedure to create the tabular resources that hold dz\_testdata. Only the creation DDL is executed.

### **Parameters**

None

### **Returns**

Nothing

### **Notes**

- Before executing, review the constants in the constants package to make sure tablespaces and other configurable values are set as desired.

## **dz\_testdata\_main.load\_datasets**

Procedure to load tabular data into dz\_testdata datasets. All tabular data is persisted as text in the procedures included with the package.

### **Parameters**

None

### **Returns**

Nothing

### **Notes**

- Before executing, review the constants in the constants package to make sure tablespaces and other configurable values are set as desired.

## **dz\_testdata\_main.verify\_datasets**

Function to verify that all datasets exist and are valid. This function needs additional logic to better test the readiness of each dataset.

### **Parameters**

None

### **Returns**

VARCHAR2 results of dataset verification, TRUE indicates success.