

The following procedures are found in README.txt in the "test" directory:

- Installation Instructions
- Testing Instructions
- Un-Install Instructions

Functional Testing

See [Capabilities Matrix for Functional Testing Details](#)

Unit Test Configurations

DB Account Names	DB Schema	DB User
Application Test 1	DTG_T1S	DTG_T1U
Application Test 2	DTG_T2S	DTG_T2U
Application Test 3	DTG_T3S	DTG_T3U
DTGen	DTGEN(<i>dev</i>)	DTGENU(<i>dev</i>)

Boundary Condition Testing

Type	Condition Name	Low	High	Null
Struct	Number of Tables	1	200	No
Struct	Number of Columns in a Table	1	99	No
Struct	Number of Natural Key Columns	1	9	No
Dom	NUMBER Datatype Length	1	38	Yes
Dom	NUMBER Datatype Scale	-84	127	Yes
Value	NUMBER Absolute Value	10-130	10126	N/A
Dom	VARCHAR2 Datatype Length	1	32767	No
Value	DATE Absolute Value	4712 BC	4713 AD	N/A
Dom	TIMESTAMP WITH TIME ZONE Datatype Length	0	9	Yes
Dom	TIMESTAMP WITH LOCAL TIME ZONE Datatype Length	0	9	Yes
Value	TIMESTAMP Absolute Value	4712 BC	9999 AD	N/A

Value	Exception Code	-20999	-20000	No
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Struct Type - Data Structure Restriction

Dom Type - Data Domain Restriction

Value Type - Data Value Restriction

Implementation

See Capabilities Matrix for Functional Testing Details

TST1: Application Test 1

- Application Default Tablespace for Active/HOA Tables/Indexes
- Table Specific Tablespace for Active/HOA Tables/Indexes

Tables: T1A_NON, T1A_LOG, and T1A_EFF

- Audited POP Function for Tables (Effectivity and Basic Data Movement)
- HAT: History and Audit for Tables (Effectivity and Basic Data Movement)
- APIT: Full Procedural APIs for each Table (Table ROWTYPE and Active View ROWTYPE API)
- DMLIT: DML SQL Integrity Enforcement for Tables/Views (with Primary Key and Effective Start Date/Time)

TST2: Application Test 2

- Override Default Tablespaces and Table Defined Tablespaces

Tables: T2A_NON, T2A_LOG, and T2A_EFF

- NNCC: Not NULL Constraints for Columns
- CIT: Custom Indexes for Tables
- AIT: Automatic Indexes for Tables
- PFT: Calculated PCTFREE for Tables
- CGC: Column Comments
- CGT: Table Comments
- CGV: View Comments

Tables: T2B_NON, T2B_LOG, and T2B_EFF

- POPT: Audited POP Function for Tables (All View)
- HAT: History and Audit for Tables (Point In Time ASOF)
- APIT: Full Procedural APIs for each Table (Column Oriented API)

- DMLIT: DML SQL Integrity Enforcement for Views (without Primary Key or Effective Start Date/Time)
- CFC: Enforced Case Folding for Columns (Values Returned through all 3 APIs)
- EDDC: Enforced Discrete Domains (no FK) for Columns
- FPHC: Full Path Hierarchical Data for Columns
- NKUV: Natural Key Update-able Views

TST3: Application Test 3

- Boundary Condition Testing

Tables: T3A_NON, T3A_LOG, and T3A_EFF

- DTC: Datatype Support for Columns
 - NUMBER Datatype Length Boundary Test
 - NUMBER Datatype Scale Boundary Test
 - VARCHAR2 Datatype Length Boundary Test (No CLOB)
 - VARCHAR2 Datatype Length Boundary Test (CLOB)
 - TIMESTAMP WITH TIME ZONE Datatype Length Boundary Test
 - TIMESTAMP WITH LOCAL TIME ZONE Datatype Length Boundary Test