

WhereScape®

DATA SHEET: WHEREscape 3D

Highlights:

- The ultimate in taming data complexity and rapid prototyping
- Discover, profile and assess source systems
- Design, test, revise and enhance data models
- Supports data vault design
- Determine the impact of changes
- Create documentation through to populated physical design
- Rapidly promote designs to your existing WhereScape RED data warehouse

WhereScape 3D – Design your data warehouse faster, without the risks

WhereScape 3D (Data Driven Design) is data warehouse design and planning software, designed to help you easily explore and understand your data warehousing project at the time you need it most – the beginning. WhereScape 3D incorporates real data into the design process leading to better designs, less surprises and lower risk.

Features:

Source System Characterization

- Quickly discover, explore, profile and document possible source systems for data warehousing projects
- Reverse engineer entity relationship diagrams for source systems
- Analyze source data at the table and column levels
- Assess source system data fitness empirically and systematically
- Produce complete documentation for data warehouse project teams and source system operators

Source System Impact Assessment

- Assess the impact of a source system change on existing BI infrastructure
- Include data warehouse and data mart schema changes, enhancements and new or revised ETL logic

WhereScape®

Agile Development

- Supports agile development
- Enables data warehouse automation
- Supports iterative development by automating time consuming tasks

Data Warehouse Specific Features

- Supports prototyping by generating pivot tables
- Default support for normalized, data vault and dimensional models
- Default support for change detection in the data warehouse
- Supports objects such as load, stage, data store, 3NF, fact, dimension, hub, link, satellite, and indexes

Data Warehouse Documentation

- Existing data warehouses can be discovered, profiled and documented
- Documentation can be automatically maintained, and produced on demand

Sample Data Generation

- Creates random data or data from profiling
- Ability to obfuscate data
- Ensures referential integrity

Target Schema Testing

- Design and test target schema using real data in quick iterative cycles
- Ensure that target schema slated for implementation have been thoroughly reviewed, tested and approved by end-users before project build begins
- Provide a test harness framework with user-configurable profiling methods

Packaged Data Model Validation

- Allows packaged enterprise data models to be reality-tested using real data
- Supports model revision and enhancement in the target environment where they will be implemented

Fully Compatible with WhereScape RED

- Ensures a reliable, repeatable, rapid build-operate-renovate cycle by integrating with the leading data warehouse automation software tool

Supported Platforms

Data sources supported by WhereScape 3D include, but are not restricted to:

- Microsoft SQL Server
- Teradata
- Oracle
- IBM DB2
- Greenplum
- Netezza
- Microsoft Analytics Platform System (PDW)
- Sybase
- MySQL
- Progress

Files from:

- Hadoop HDFS
- FTP
- SSH
- Telnet



About WhereScape

The pioneer in data warehouse automation software, WhereScape empowers organizations constrained by time, money or lack of resources, to deliver business value from their decision support infrastructure – including enterprise data warehouses, business facing data marts, and big data solutions. WhereScape has global operations in the USA, UK, Singapore, and New Zealand. www.wherescape.com

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