

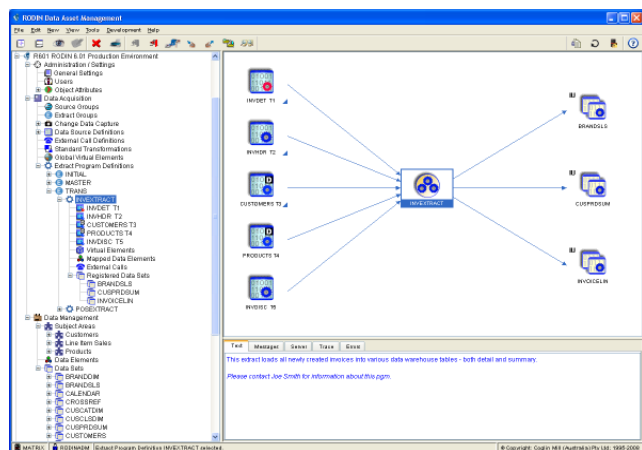
**RODIN is a complete integrated suite of tools to build and manage Data Warehouses and Data Mart environments. Powerful Change Data Capture, Extract, Transform and Load and error management capabilities allow you to be in full control of your data.**

### Visual Development Environment

RODIN developers enjoy a highly functional, visual IDE for building and managing tables and ETL processes. The powerful visual development capabilities dramatically increase productivity and enable programmers and non-programmers to develop complex applications quickly and easily. Quickly draw lines to create relationships or mappings, drag and drop to add columns to a table, or objects to an ETL definition.

### Source data from virtually anywhere

Whether your data resides solely on IBM i, or is spread over disparate systems such as Microsoft SQL, Oracle, MySQL, DB2 on other platforms, ASCII files (fixed and delimited) and even many legacy sources, RODIN can bring it all together into a single integrated database. Select entire tables, or just the rows and columns you need to load.



### Native i OS Run-time Environment

RODIN was developed from the ground up to build and manage data warehouse and data mart environments on IBM Power Systems and iSeries systems. No special hosted environment is required. RODIN is highly integrated with the i operating system for secure, efficient and simple implementation. This highly integrated native environment is a key differentiator that allows RODIN to outperform all other ETL tools.

### Open Database Standards

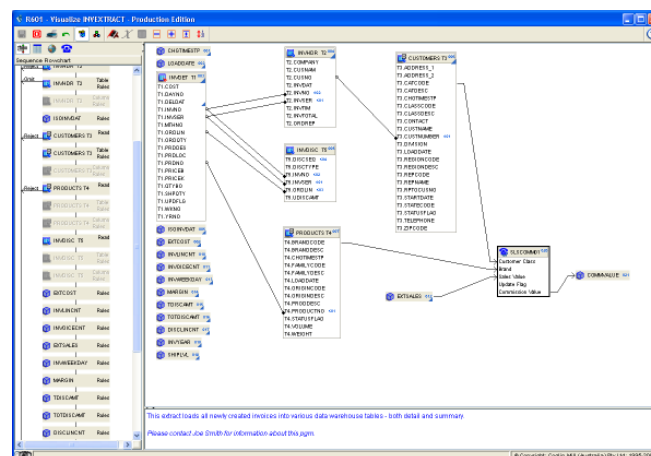
RODIN creates and manages DB2 for i tables, indexes and views. No proprietary data structures are created, so you can access a RODIN data repository via Query, SQL or any one of the many desktop visualization and analysis tools available.

### Simplified Database Management

RODIN takes the hard work out of creating and managing tables, indexes and views. Build your database to any design: whether relational or star-schema, normalized or de-normalized. Integrated tools support bulk changes, reverse engineering of existing databases, and perform impact analysis and many other database tasks. Change management, versioning and powerful comparison tools combine to make this a highly functional and productive development environment.

### Comprehensive Error Management

Poor data quality is one of the major causes of failure in data warehouse projects. However, detection and management of errors can be a significant challenge. RODIN solves this difficulty by providing extensive functionality to trap, report, correct and re-process bad data, whether detected automatically, or based on your own business rules.



### Unsurpassed Performance & Flexibility

With RODIN you can easily load multiple target tables in a single ETL process, both inserts and updates. Parallel processing can be used to reduce load time for large data sets. Command-driven processes are easily scheduled or included with other processes. Published benchmarks prove RODIN's outstanding load performance and scalability.

### Extensive Metadata Repository

Metadata is one of the keys to success in a data warehouse or data mart environment. It provides end-users with a road map to the data while empowering people. RODIN stores extensive technical, business and administrative metadata for every object, at many levels. Free-form text entry provides unlimited descriptive text. Publish the metadata as HTML for end user access, or export it to other tools.

### Change Data Capture and Apply

RODIN includes powerful Change Data Capture functionality that allows you to easily capture inserts, updates and deletes from any DB2 for i table – either by comparison or via journal images, including remote journals. Highly customizable, with support for detailed and/or consolidated capture, replication, real-time or batch processing, filters and business rules.

### Extensive Business Rules

RODIN's ETL processing is controlled by user-defined business rules, the powerful yet simple to use rule editor supports rules at the table or column level.

- ✓ Filters enable you to select or omit data either via SQL or via row-level rules.
- ✓ Validation Rules allow you to reject, capture and report on rows containing invalid data, then easily re-process after fixing the errors.
- ✓ Transformation rules allow you to modify source data, or derive new values.
- ✓ Conditional business rules and transformations
- ✓ Nested conditions including if-else and case statements.
- ✓ String Functions: sub-string, concatenate, change case, scan/replace, lookup/replace, justify
- ✓ Math functions
- ✓ User exits for unlimited extensibility
- ✓ Automatic conversion of legacy date and time fields to true date or time format
- ✓ Date and time arithmetic, day-of week, day of year functions etc.
- ✓ Native I/O allows such features as conditional joins, conditional referential integrity and temporal support.
- ✓ Surrogate key generation
- ✓ Slowly Changing dimensions support
- ✓ Output to multiple target tables in a single pass of the source data
- ✓ Efficiently perform both inserts AND updates automatically as needed.
- ✓ Output multiple target rows from a single source row
- ✓ Extensive audit information automatically generated and retained in metadata

### Integrated Security

RODIN integrates with standard IBM i security to enable full control over data access and all RODIN functions. Specify the owner, authorized user authorities and use authorization lists to simplify access..

### Multiple Environment Support

Multiple RODIN environments can be installed on a single server to support development, testing and production environments, or data warehouse and data mart environments. Copy an entire environment or export/import any definition between environments.

### Active Metadata

RODIN's active metadata controls all ETL processes to ensure that business rules and descriptions are visible to developers, analysts and end users versus hidden in the program code. The meta-data can be published in HTML or exchanged via XMI.

### Unsurpassed Performance and Scalability

RODIN has been proven to scale from the smallest server, right up to the largest SMP systems available today; where benchmarking has proven load rates well into the billions of rows per hour, using our unique parallel loading technology.

### Change Management and Version Control

The RODIN development client includes comprehensive change management functionality to ensure proper control over the development process. Comparison and impact analysis reports aid productivity and enable developers to implement changes quickly. Version control supports fall-back to earlier versions if needed.

### View Builder

Simplify data access by defining customized views over any number of tables, using a guided view builder

### IBM DB2 Web Query Integration

Automatically generates metadata for DB2 Web Query (ie synonyms), including descriptive text and multi-table models

### Distribute to other databases

After loading the central data warehouse, easily push data mart tables out to any other database, whether on an IBM i or another platform entirely.

*For more information, or to schedule a product demonstration  
Call 1-866-RODIN-DW (866-763-4639)  
or email [rodinsales@coglinmill.com](mailto:rodinsales@coglinmill.com)*

Visit us on the web at [www.thinkrodin.com](http://www.thinkrodin.com)

(The full version of RODIN is available for download)



Coglin Mill (Australia) Pty. Ltd.  
421 First Avenue SW, Suite 204  
Rochester, MN 55902

