



Eclipse iExtract™

TAKE CONTROL.

- Rapidly and flexibly extract targeted data
- Provide superior speed and performance, minimizing the impact on operational data
- Reduces the cost of computing by utilizing zIIP processors
- Generate multiple output files from a single database pass
- Easily create data output for various business needs
- Accelerate productivity by rapidly accommodating data requests
- Eliminate in-house programs, APIs and user exits
- Perform online extractions when integrated with Database Director™

Faster is always better when extracting data.

Faster and smarter is better still. Eclipse iExtract from NEON Enterprise Software, Inc. provides the speed and extensive expression language capability you need to quickly extract targeted data output for critical business needs. Speedy and intelligent data delivery enables you to better support the business through improved productivity—ultimately improving data availability and reducing resource costs.

Eclipse iExtract can be used to support a wide range of business uses related to your data, including reporting, business analysis, database restructuring, quickly creating a test database, data warehousing, or modifying information to comply with regulations such as HIPAA requirements.

Functionally rich and highly flexible, Eclipse iExtract is the single data extraction product for all your data extraction needs.

Unique Features

Eclipse iExtract outperforms and is considerably faster than other IMS extract utilities and can extract data from both IMS full-function and Fast Path databases. Unlike other IMS database utilities, Eclipse iExtract is self-tuning and self-optimizing, with an intelligent approach to extraction. While comparable extraction utilities use a DL1 format, user exits, or application program interfaces (APIs) to access data, Eclipse iExtract accesses the database directly, resulting in reduced CPU usage and unmatched speed.

Eclipse iExtract also gives you the most comprehensive expression processor available.

Extensive expression language and controlled functionality enable you to build expressions that select and modify data to your specifications. Easily target and output custom data to meet business needs.

Eclipse iExtract extracts data very efficiently. By reading the database once, Eclipse iExtract can provide numerous output files and different format options. You can generate output in as many formats and as many times as you choose. You have the flexibility to decide what format best suits your need.

Reduces the Cost of Computing

Eclipse iExtract optimizes resources and lowers the total cost of computing by utilizing the IBM System z9 Integrated Information Processor (zIIP) and Service Request Blocks (SRBs). Whenever possible, Eclipse iExtract processes on zIIPs and uses SRB mode. The processing that the utility moves to the zIIPs helps to lower the cost of hardware, lower the cost of software, and can defer processor upgrades and corresponding software upgrade charges by freeing up existing central processing capacity. If zIIP processors are not available, you can still take advantage of the benefits of running in SRB mode (such as faster dispatching).

Control Resource Costs

The Eclipse iExtract product architecture uses readily available resources, such as virtual storage, which conserves more costly and vital resources such as DBA time and CPU cycles. Eclipse iExtract improves data maintenance efficiency by assisting in database restructuring

Eclipse iExtract



and efficiently adding new fields to existing databases. These product efficiencies achieve timesavings and reduced CPU usage, which translate to cost savings enterprise-wide.

Online Data Extraction

With Eclipse iExtract, data can be extracted from Fast Path databases while they remain online. Online data extraction enables you to purge, archive or transform data and to generate a test database for an online production database. When integrated with Database Director product, online data extractions can also be performed on any full-function database, both partitioned and non-partitioned.

When data availability is critical, Eclipse iExtract provides you with the power and functionality you need to meet critical business requirements and provide maximum availability.

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Supported Databases

Eclipse iExtract is the only database extraction utility that supports

- Fast Path
- Full-function
- HALDB
- PDF™

Product Requirements

- An IBM-supported version of z/OS (64-bit mode required)
- If you want to use the Eclipse Utilities zIIP support, you must have an IBM System z9 processor and a zIIP processor.
- If you cannot use the zIIP support and you want to run in SRB mode, you must have either:
 - z/OS version 1.8 or higher
 - z/OS version 1.6 or 1.7 with appropriate APARs installed
- An IBM-supported version of IMS

Features

Comprehensive expression processor builds expressions that select and modify data to your specifications

Conditionally delete, replace, and select only the data that you want

Include or exclude data based on the value for a specific piece of data

Add, remove, or change the entire value or just a portion of a value

Create multiple output files with one pass of the database

Numerous options for specifying the format of output files and the data it contains

Extensive support for manipulating dates and times

Detect dates in invalid formats and change the format for all the dates

Identify data that has expired so it can be purged or archived

Modify sensitive data so that it is protected in the output file

Change the format for the data, and then reformat the existing data to take into account the change

Perform mathematical calculations using different pieces of data

Extract sequential dependent segments (SDEPs) either logically or physically

Database remains available for updates when extracting Fast Path data online

Performs online data extractions when integrated with Database Director database management product, assuring critical applications remain available to the business

High data availability is a choice. Choose Eclipse iExtract and

TAKE CONTROL.

For more information, contact NEON Enterprise Software, Inc. at 888.338.6366 or 281.491.6366, or visit our website at www.neonesoft.com.