

Host/EDIT

The versatile RI editor for DB2 and z/OS data



- **Edit DB2 tables, VSAM files and ISPF tables with a uniform interface**
- **View, Edit and Maintain RI constructs**
- **Test and EXPLAIN embedded SQL**
- **Create and clone DB2 objects**
- **Develop customized ISPF dialogs without programming**

Overview

Host/EDIT is the versatile editor for DB2 data, VSAM files and ISPF tables. Host/EDIT provides a uniform presentation and consistent look and feel for all your z/OS data:

- Browse and edit data using intuitive and familiar ISPF style commands
- Join and edit referentially related data spanning multiple DB2 tables
- Customize and extend Host/EDIT to develop entire applications without programming. You can save customized Queries, Forms, Procedures and Profiles in the Host/EDIT repository and let others reuse them.

Benefits

- Easy to learn and use
- Leverage existing skills
- Facilitate development, testing and Quality Assurance
- Access DB2 data through SQL, Query By Example and DRAW facilities. SQL coding is not required to view and modify DB2 data
- Graphically display relationships among related sets of tables
- Create and populate DB2 test data without SQL or DB2 utilities

- EXPLAIN embedded SQL to detect performance problems early

Features

- Supports tabular and row-at-a-time edit modes
- Displays data in character or hexadecimal format
- Clone existing objects to build test data quickly and easily
- Performs type and range checking automatically
- Provides command prompting and extensive online tutorials
- COMMIT changes explicitly or automatically
- Optionally access a *shadow* DB2 catalog to reduce contention
- Optionally protect key columns to maintain key integrity
- Use default data views or design your own presentation
- Define your own edit commands and validation procedures in REXX
- Perform repetitive changes and wild card searches using intuitive edit commands

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Host/EDIT ----- Tabular Display Mode ----- ROW 1 OF 16
Command ==> Scroll ==> HALF

Table name ==> RTE.DEMO_TABLE Columns ==> 1 OF 298

- - - 1 2 3 4
Rcmd Status COMPANY_NAME COMPANY_RANK CEO FOUNDED_DA
**** Company A _____ 1 Anthony.A.Allen_____ 01/01/1990
**** Company B _____ 2 Barry.B.Baker_____ 01/01/1991
**** Company C _____ 3 Charles.C.Collins_____ 01/01/1992
**** Company D _____ 4 David.D.Davis_____ 01/01/1993
**** Company E _____ 5 Eric.E.Edwards_____ 01/01/1994
**** UpdtPend Company F _____ 6 Frank.F.Friendly_____ 01/01/1995
**** Deleted Company G _____ 7 George.G.Gardener_____ 01/01/1996
**** IsrtPend Company H _____ 8 Harry.H.Harper_____ 01/01/1997
**** Company I _____ 9 Iris.I.Ivy_____ 01/01/1998

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Figure 1: Tabular display mode

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Col 1 of 13 ----- DB2 Table: RTE310.DEMO_TABLE ----- Row 5 of 9
Command ==> Scroll ==> HALF

Row Cmd ==> _ Status ==>
Rc Seq Column name/Type Null Column Value
** 1 COMPANY_NAME (C20)..... Company E _____
** 2 COMPANY_RANK (S2)..... 5
** 3 CEO (C20)..... Eric.E.Edwards_____
** 4 FOUNDED_DATE (DT10)..... 01/01/1994
** 5 FOUNDED_TIME (TM8)..... 10.34.21
** 6 FOUNDED_TIMESTAMP (TS26).... 1994-01-01-10.34.21.012345
** 7 EMPLOYEES_THIS_YR (I4)..... 6000
** 8 EMPLOYEES_LAST_YR (I4)..... 5000
** 9 STAFF_GROWTH (S2)..... N 20
** 10 REVENUE (D132)..... N 600000000.00
** 11 FLOATING_REVENUE (F4)..... 600000000
** 12 COMPANY_RATING (C3)..... B_
** 13 COMMENTS (C40)..... N Niche leader in translucent widgets_____

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Figure 2: Row display mode

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----- Referential Integrity Diagram ----- Row 1 of 12
Command ==> Scroll ==> CSR

For Creator: DSN8%
RowCmd: Browse, Edit, Form, DDL

Sel Ord Table Name LVL TBCreator
**** 1 ACT 1 DSN8510
**** 2 PROJACT 2 DSN8510
**** 3 EMPPROJACT 3 DSN8510
**** 4 DEPT 1 DSN8510
**** 5 DEPT (Ref#4) 2 DSN8510
**** 6 EMP 2 DSN8510
**** 7 DEPT (Ref#4) 3 DSN8510
**** 8 EMPPROJACT (Ref#3) 3 DSN8510
**** 9 PROJ 3 DSN8510
**** 10 PROJ (Ref#9) 4 DSN8510
**** 11 PROJACT (Ref#2) 4 DSN8510
**** 12 PROJ (Ref#9) 2 DSN8510

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Figure 3: Referential Integrity Diagram

Host/EDIT Commands

You can process single rows or blocks of data with Host/EDIT line commands like insert, delete, replicate, exclude, copy and move. Host/EDIT also provides a robust set of primary commands such as the following:

- The CHANGE command lets you modify values within multiple rows or records
- The ZOOM command invokes PDF edit for long columns, fields and records
- The FREEZE command lets you anchor one or more columns so they always remain visible as you scroll the display left or right
- The SELECT and EXCLUDE commands let you more concisely tailor displayed data
- The INSERT command lets you add one or more rows of data with a user specified string or randomly generated pattern
- The SORT command lets you sequence the display in ascending or descending order to provide multiple views of the data.

Prerequisites

Host/EDIT runs with all releases of z/OS and DB2 for z/OS whose IBM support status is “current”.

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**Contact the
experts in editing
z/OS data
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