

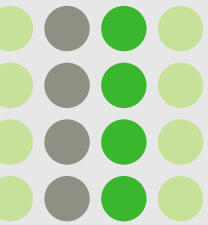


IBM **Information Management** software

Manage your business, not your data server

DB2 9; Data (business information)





CEO 가 가 ,
 . CIO /
 가 , 가
 .
 .
 가 ? 가 1996
 37 가 . 가
 가 .
 , 가 .
 , URL ? 15
 . 85 () DBMS



DB2 XML Relational Data

? XML

, XML 가
가 ,

, SAP ERP DB2, 3rd Party DBMS

. Raw Column

가

Business insight

pureXML

- XML XML
 - XML XML
 - XML 가
 - SQL Xquery IT
 - , 가 XML
-



pureXML
XML Data
XML 가
DB2 9 pureXML (: Viper)
XML
DB2 9 XML XML
DB2 XML
Parshing() SOA
) DB2 9 XML pureXML DB2 9 RDBMS
SOA
DB2 9가 XML
XML
business insight

DB2 9
Storebrand
DB2 9 Storebrand
• 가 CLOB XML
XML
• Storebrand가
• 가 XML 5

pureXML
가 , 가
DB2
SQL
XQuery
XML
DB2 9 XML
business insight



DB2 ;SAP 가 DB2 , , IBM SAP

SAP SD 3 Tier Application

Benchmark DB2 가 Oracle DB2 9 AIX , HP - UX, Linux , Solaris, Microsoft Windows , OS/400 - SAP DB2

DB2 가 DB2 SAP

SAP scale out scale up

DB2 9 SAP

가



“DB2 9 pureXML Repository

‘shred’

가

XML

- Thore Thomassen,
Senior Enterprise Architect, Storebrand



DB2 9

가

SMS

DB2

(future - proofing)

가

Hybrid

가

pureXML

DB2 9

가

가

가

가

DB2 9

가

DB2 9 Range

DB2

(Multi Dimensional

I/O

Clustering)

Hashing

DB2

CPU

DBA가

가

(3%

)

가

TPC - H

(Self Tuning Memory Management)

TPC - H

45 - 69%가

가

DB2 9

가

가

45 ~ 75

가

roll in roll out

- Sean McCown, InfoWorld

가

가

가

DB2 9



. LBAC(Label - Based

Access Control)

DB2

가 . DB2



-
-

Redirect - Restore

- Space

DB2

DB2 9

IBM

. DB2

Windows Linux
, IBM AIX, Solaris HP

32 64
64

가

DB2

(Relational

data& PureXML data)

DB2 Express, Workgroup

Enterprise

DB2

90

DB2 9

DB2 9

Linux, Windows, AIX

IBM

ibm.com/db2/viper

가 DB2 9

- DBA

-

가

-



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AIX, DB2, IBM, IBM , OS/400, POWER5,
pureXML z/OS / 가
IBM Corporation

Linux / 가
Linus Torvalds .

Intel Itanium / 가
Intel Corporation

Microsoft Windows / 가
Microsoft Corporation

¹ OS AIX 5.3 DB2 UDB 8.2.2(168,300
SD), IBM eServer p5 Model 595, 32 - way SMP,
POWER5, 1.9GHz, 32KB(D) +
64KB(I) L1 , 2 1.92MB L2
36MB L3 , 256GB SAP R/3
Enterprise 4.70, 2004068 OS HP-UX
11i Oracle 10g(100,000 SD):
HP Integrity Model SD64A, 64 - way SMP, Intel
Itanium 2 1.6GHz, 32KB L1 , 256KB L2
9MB L3 , 256GB , 2005021.

SAP Benchmark Council
SAP AG
SAP Standard Application Benchmarks
www.sap.com/benchmark