

f₁SQL

BDE*i*Borland Database Engine, Å, íCf[f]f SQL*i*Structured Query Language, ð'È, ¶, Äf[f]f, ^, æ, ÑfŠf, [fg, iff[f^fx[fXfe[fuf, ÉfAfNfZfX, Å, «, Ü, ·Bf[f]f SQL*i*ufNf%oCfAf“fgfx[fX SQLv, AE, àŒÄ, í, ê, Ü, ·j, í ANSI •W€ SQL , jTfufZfbfg, ÄCParadox, „, æ, Ñ dBASE , ife[fuf, áftfB[fjhSQL, Å, íu—ñv, AEŒÄ, í, ê, Ü, ·j, í-½-¼K¥, ðTf[fg, é, æ, x, ÉŠg'£, , ê, Ä, ç, Ü, ·B

f[f]f SQL, Å, íCSQL, ðŽg, Å, ÄufŠf, [fgv, i SQL fT[fo[.¾, , Å, È, -Cff[f^fx[fXfT[fo[ä, È, È, çuf[f]f, v, i•W€ff[f^fx[fXfe[fuf, ½, AE, !, i Paradox, AE dBASE, ife[fuf, È, à-â, ç‡, , ¹, ðs, x, ±, AE, , Å, «, Ü, ·B, Ü, ½f[f]f SQL, íCf[f]f, i•W€fe[fuf, ÄfŠf, [fg, i SQL fT[fo[ä, ife[fuf, i-¼•û, È, Ü, ½, , éf}f`fe[fuf-â, ç‡, , ¹, ðs, x, ½, ß, È, à-K-v, Å, ·B

-½-¼K¥

, ±, ifgfsfbfN, Å, íCf[f]f SQL, Å, ife[fuf, AE—ñ, i-½-¼K¥C\•¶, iŠg'£, AEŒÄ, È, Å, ç, Äà-¾, µ, Ü, ·B

SQL •¶, íCff[f^'è`Œ¾ŒêiDDLj, eff[f^'€]Œ¾ŒêiDMLj, iQ, Å, È•a—p, , ê, Ü, ·B

ff[f^'€]

fe[fuf, ff[f^, i'í'ðC' } “üCXVc, „, æ, Ñíœ, ÈŽg, í, ê, eff[f^'€]Œ¾ŒêiDMLj, i SQL •¶B, ±, ifgfsfbfN, Å, íC\•¶, AEŽg—p—á, È, Å, ç, Äà-¾, µ, Ü, ·B

ff[f^'è`

fe[fuf, iñi¬íC•íXcíœC, „, æ, ÑfCf“ffffbfNfX, iñi¬, AEíœ, ÈŽg, í, ê, eff[f^'è`Œ¾ŒêiD Lj, i SQL •¶BDDL, i BDE*i*Borland Database Engine, iŠÖŒÄ, Ño, µ, È'½Ü•iS, , ê, Ü, ·B, ±, ifgfsfbfN, Å, íC\•¶, AEŽg—p—á, È, Å, ç, Äà-¾, µ, Ü, ·B

ANSI •W€ SQL, iÚx, È, Å, ç, íCžs”i SQL, i‰øà', È, Ç, ðŽQÆ, µ, Å, , ¾, , çB

{button ,AL(`bdedocs') } [BDE ,ÉŠÖ, ,éfgfsfbfN](#)

-½-¼<Κ'¥

ANSI •WŒ SQL ,Å,íŒCfeŒ[fuf<-¼,â—ñ-¼,É,í
‰œpŒ"Žš,ÆfAfŒfŒ[fXfRfAŒiŒj,©,ç,È,é,PŒê,µ,©Žg,!,Ü,¹,ñŒBfŒŒ[fJf< SQL
,Å,íŒC,æ,è,í,©,è,â,·,¢-¼'Œ,¤Žg,!,é,æ,¤,ÉŠg'Œ,³,ê,Ä,¢,Ü,·ŒB

feŒ[fuf<

fŒŒ[fJf< SQL ,Å,íŒCfeŒ[fuf<-¼,É,Â,¢,ÄftfŒfCf,ÆfpfX,¡Žw'è,¤Š®'S,ÉfTfŒ[fg,³,ê,Ä,¢
,Ü,·ŒB,½,¾,µfpfX,äftfŒfCf<-¼'Œ,¤Žq,¤ŽŒ,ÄfeŒ[fuf<-¼,íŒC'P^è Ø—p•,,Ü,½,í"ñŒd^ø—
p•,,Ä^Í,Ü,È,·,ê,í,È,è,Ü,¹,ñŒB,½,Æ,!,íŒCŽY,!,æ,¤,É,µ,Ü,·ŒB

```
SELECT * FROM 'PARTS.DBF'  
SELECT * FROM "C:\SAMPLE\PARTS.DBF"
```

fŒŒ[fJf< SQL ,Å,ífeŒ[fuf<-¼,É,Â,¢,Ä BDE ,¡fGfŠfAfX,àfTfŒ[fg,³,ê,Ä,¢,Ü,·ŒB,½,Æ,!,íŒCŽY,!,æ,¤
,É,µ,Ü,·ŒB

```
SELECT * FROM ":PDOX:TABLE1"
```

fŒŒ[fJf<feŒ[fuf<-¼,¡Šg'ŒŽq,¤ŽÈ—¤,·,é,ÆŒCBDE
ŠÅ««ŒY'èftŒ[feBfŠfefB,¡fVfXfefŒfyŒ[fW,É, ,éŒuDefault DriverŒv,¡ŒY'è,ÅŽw'è,³,ê,Ä,¢
,é,à,!,È,·,Ü,·ŒB, ,é,¢,í-â,¢Œ‡,í,¹,Ü,½,ífeŒ[fuf<,ÉŒ<,Ñ•t,·,ç,ê,Ä,¢,é•WŒfGfŠfAfX,¡ffftfHfŒfgfhf
‰œfCfo,Æ“,¶Ží—p,!,à,!,È,È,è,Ü,·ŒB
,Ü,½fŒŒ[fJf< SQL ,Å,íŒC'P^è Ø—p•,,Ü,½,í"ñŒd^ø—p•,,Ä^Í,ß,íŒCSQL fLŒ[fŒŒ[fh,Æ“,¶-
¼'Œ,¤feŒ[fuf<-¼,Æ,µ,¤Žg,!,Ü,·ŒB,½,Æ,!,íŒCŽY,!,æ,¤,É,µ,Ü,·ŒB

```
SELECT PASSID FROM "PASSWORD"
```

—ñ

fŒŒ[fJf< SQL ,Å,íŒC^È‰œ,¡ŒðŒŒ,ð-ž,½,µ,Ä,¢,ê,íŒCParadox ,¡•¡Œ",¡Œê,©,ç,È,é—ñ-¼ŒC,·,æ,Ñ
SQL ,¡fLŒ[fŒŒ[fh,Æ“,¶-¼'Œ,¡—ñ-¼,¤Žg,!,Ü,·ŒB
- —ñ-¼,¤'P^è Ø—p•,,Ü,½,í"ñŒd^ø—p•,,Ä^Í,Ü,ê,Ä,¢,é
- —ñ-¼,¡Œæ“¤,É SQL feŒ[fuf<-¼,Ü,½,ífeŒ[fuf<'ŠŠÖ-¼,¤•t,·,ç,ê,Ä,¢,é
,½,Æ,!,íŒCŽY,!,—ñ-¼,í,QŒê,©,ç,È,Ä,¢,Ü,·ŒB

```
SELECT E."Emp Id" FROM EMPLOYEE E
```

ŽY,¡—á,Å,íŒC—ñ-¼,í SQL ,¡ DATE fLŒ[fŒŒ[fh,Æ“,¶,Å,·ŒB

```
SELECT DATELOG."DATE" FROM DATELOG
```

ŽQŒÆ: —\—ñŒê

—\-\ñŒê

^È‰º,íŒfŒ[f]f^{SQL},í—\-\ñŒê,ífAf·ftf@fxfbfgŒ‡,í^ê—,Å,·ŒB
ACTIVE, ADD, AFTER, ALL, ALTER, AND, ANY, AS, ASC, ASCENDING, AT, AUTO, AUTOINC,
AVG
BASE_NAME, BEFORE, BEGIN, BETWEEN, BLOB, BOOLEAN, BOTH, BY, BYTES
CACHE, CAST, CHAR, CHARACTER, CHECK, CHECK_POINT_LENGTH, COLLATE, COLUMN,
COMMIT, COMMITTED, COMPUTED, CONDITIONAL_CONSTRAINT, CONTAINING, COUNT,
CREATE, CSTRING, CURRENT, CURSOR
DATABASE, DATE, DAY, DEBUG, DEC, DECIMAL, DECLARE, DEFAULT, DELETE, DESC,
DESCENDING, DISTINCT, DO, DOMAIN, DOUBLE, DROP
ELSE, END, ENTRY_POINT, ESCAPE, EXCEPTION, EXECUTE, EXISTS, EXIT, EXTERNAL,
EXTRACT
FILE, FILTER, FLOAT, FOR, FOREIGN, FROM, FULL, FUNCTION
GDSCODE, GENERATOR, GEN_ID, GRANT, GROUP, GROUP_COMMIT_WAIT_TIME
HAVING, HOUR
IF, IN, INACTIVE, INDEX, INNER, INPUT_TYPE, INSERT, INT, INTEGER, INTO, IS, ISOLATION
JOIN
KEY
LEADING, LEFT, LENGTH, LEVEL, LIKE, LOG_BUFFER_SIZE, LOGFILE, LONG, LOWER
MANUAL, MAX, MAXIMUM_SEGMENT, MERGE, MESSAGE, MIN, MINUTE, MODULE_NAME,
MONEY, MONTH
NAMES, NATIONAL, NATURAL, NCHAR, NO, NOT, NULL, NUM_LOG_BUFFERS, NUMERIC
OF, ON, ONLY, OPTION, OR, ORDER, OUTER, OUTPUT_TYPE, OVERFLOW
PAGE_SIZE, PAGE, PAGES, PARAMETER, PASSWORD, PIVOT, PLAN, POSITION, POST_EVENT,
PRECISION, PRIMARY, PRIVILEGES, PROCEDURE, PROTECTED
RAW_PARTITIONS, RDB\$DB_KEY, READ, REAL, RECORD_VERSION, REFERENCES, RESERV,
RESERVING, RETAIN, RETURNING_VALUES, RETURNS, REVOKE, RIGHT, ROLLBACK
SCHEMA, SECOND, SEGMENT, SELECT, SET, SHADOW, SHARED, SINGULAR, SIZE,
SMALLINT, SNAPSHOT, SOME, SORT, SQLCODE, STABILITY, STARTING, STARTS, STATISTICS,
SUB_TYPE, SUBSTRING, SUM, SUSPEND
TABLE, THEN, TIME, TIMESTAMP, TIMEZONE_HOUR, TIMEZONE_MINUTE, TO, TRAILING,
TRANSACTION, TRIGGER, TRANSFORM, TRIM
UNCOMMITTED, UNION, UNIQUE, UPDATE, UPPER, USER, USING
VALUE, VALUES, VARCHAR, VARIABLE, VARYING, VIEW
WAIT, WHEN, WHERE, WHILE, WITH, WORK, WRITE
YEAR

%o%oŽZŽq:

||, +, -, *, /, <>, <, >, ,ŒifjŒ“f}Œj, =, <=, >=, ~=, !=, ^=, (,)

ff [f^'€] i

,¢.,ç,©§-ñ,¤, ,è,Ü,·,¤Cf][f]f< SQL ,íff[f^'€]i,í,½,ß,ìŽÝ,í•¶,ðfTf|][fg,µ,Ä,¢,Ü,·]B

- SELECTišù'¶,íff[f^,ð"Ç,Ýžæ,é]j
- INSERTife][fuf<,É]V<Kff[f^,ð'Ç‰Á,·,é]j
- UPDATEišù'¶,íff[f^,ð•í]X,·,é]j
- DELETEife][fuf<,©,çŠù'¶,íff[f^,ðœ<Ž,·,é]j

^‰‰‰,ífgfsfbfN,Å,íCf][f]f< SQL ,í DML •¶,Å—~—p,Å,«,éŠÖ]”,É,Å,¢,Ä]à-¾,µ,Ä,¢,Ü,·]B

- DML •¶'†,í^ø]”uŠ·
- “]EvŠÖ]”
- •¶žš—ñŠÖ]”
- “ú•tŠÖ]”
- %o%ožZžq
- -â,¢‡,í,í]X]V

ëíí—á,É,Å,¢,Ä,íCžÝ,ífgfsfbfN,ðžQ]Æ,µ,Ä,,¾,³,¢]B

- DML,í—á

SELECT

SELECT •¶,Í,Ó,C,P,Â^È,ä,¡fe[]fuf<,©,çff[]f^,ð“Ç,ÝŽæ,éÛ,Ézg,¢
,Ü,·,ÙB•j[],¡fe[]fuf<,©,çff[]f^,ð“Ç,ÝŽæ,é SELECT •¶,Í,uŒ<Û‡v,AŒÄ,î,ê,Ü,·,ÙBf[]fj< SQL
,íŽY,í,ÛZ®,í SELECT •¶,ðTf[]fg,µ,Ä,¢,Ü,·,ÙB

```
SELECT [DISTINCT] column_list  
FROM table_reference  
[WHERE search_condition]  
[ORDER BY order_list]  
[GROUP BY group_list]  
[HAVING having_condition]  
[UNION select_expr]
```

'✉<L,¤, ,éºêº‡,ðºœ,¢,ÄºCºß,í,·,×,Ä ANSI •Wº€ SQL ,Æ“—I,Éºµ,í,ê,Ü,·ºB[“À,ìºß,íºfVºf‡“,Â,·ºB

column_list ,É,Íf_íf_í[f[^],í,`í,C,ÝŽæ,èŒ³,í—ñ,ðŽw'è,μ,Ü,·□B,½,Æ,í,í□CŽÝ,í•¶,í,Q,Å,í—ñ,©,cfff[í,f[^],ð,C,ÝŽæ,è,Ü,·□B

```
SELECT PART_NO, PART_NAME  
FROM PARTS
```

SELECT •¶,íŽg,¢•û,í]Ú]x,É,Â,¢,Ä,í]C^È‰oo,ífgfsfbfN,ðŽQ]Æ,µ,Ä,,¾,³,¢]B

- ```
FROM □ß
WHERE □ß
ORDER BY □ß
GROUP BY □ß
HAVING □ß
UNION □ß
^UŽÍČE<□‡
```

## FROM ॥॥

FROM ॥॥,É,í॥Cff॥[f^,ì“Ç,ÝŽæ,èŒ³,ì,P,Â,Ü,½,í•;॥”,ífe॥[fuf<,ðŽw’è,μ,Ü,·॥Btable\_reference  
,É,í॥C’P^é,ífe॥[fuf<,॥CfRf”f},Â<æ॥Ø,Á,½fe॥[fuf<,ífŠfXfg॥C,Ü,½,í SQL-92 •W॥€,ÄŽw’è,³,é,Ä,¢  
,é“à•”Œ<॥‡,Ü,½,ÍSO•”Œ<॥‡,ðŽw’è,μ,Ü,·॥B,½,Æ,|,í॥CŽY,í•¶,Å,í’P^é,ífe॥[fuf<,ðŽw’è,μ,Å,¢  
,Ü,·॥B

SELECT PART\_NO  
FROM "PARTS.DBF"

ŽY,í•¶,í table\_reference ,Â॥¶ÍSO•”Œ<॥‡,ðŽw’è,μ,Å,¢,Ü,·॥B

SELECT \* FROM PARTS LEFT OUTER JOIN INVENTORY  
ON PARTS.PART\_NO = INVENTORY.PART\_NO

## WHERE 语句

SELECT \* FROM PARTS  
WHERE PART\_NO > 543

,±,Ì WHERE 语句,ØZg,¤,ÆC-â,¢‡,í¹,É,æ,Á,Ä•Ô,³,ê,é§,¤Csearch\_condition  
,ÅŽw'è,³,ê,½¤ØŒ,Æ^ê'v,·,é§,í,Ý,É§i,ç,ê,Ü,·¤B,½,Æ,|,Í¤CŽÝ,Ì•¶,Å,Í PART\_NO ,¤ 543 ,Ø',|,é—  
ñ,³/₄,¬,¤“Ç,ÝŽæ,ç,ê,Ü,·¤B

SELECT \* FROM PARTS  
WHERE PART\_NO > 543

,±,Ì WHERE 语句,É IN ,ØŠÜ,ß,Å¤C,»,Ì¤ä,É'l,ØfjjbfR,Å^í,ñ,³/₄fŠfXfg,Ø'u,,±  
,Æ,¤,Å,«,Ü,·¤B,½,Æ,|,Í¤CŽÝ,Ì•¶,í•"•i"Ø¤t,¤ IN  
,Ì¤ä,ÌfŠfXfg"à,Ì'l,É^ê'v,·,é§,³/₄,¬,Ø“Ç,ÝŽæ,è,Ü,·¤B

SELECT \* FROM PARTS  
WHERE PART\_NO IN (543, 544, 546, 547)

"¤Šr‰‰¤ŽZŽq (=¤C<¤C>¤C...), É‰¤,|,Å¤CIN¤CANY¤CALL¤CEXISTS  
,É,Ç,ØZg,Å,½¤q¤Eê,¤fTf|¤[fg,³,ê,Å,¢,Ü,·¤B

## ORDER BY 语句

ORDER BY 语句，用于对查询结果进行排序。语法如下：

```
SELECT * FROM PARTS
ORDER BY PART_NAME ASC
```

该语句将按 PART\_NAME 字段的升序（ASC）排列结果。

```
SELECT * FROM PARTS
ORDER BY PART_NO DESC
```

该语句将按 PART\_NO 字段的降序（DESC）排列结果。

```
SELECT LAST_NAME || ' ' || FIRST_NAME AS FULL_NAME, PHONE
FROM CUSTOMER
ORDER BY FULL_NAME
```

该语句将按 FULL\_NAME 字段的升序（ASC）排列结果，并且在结果中添加了电话号码（PHONE）。

# GROUP BY ☰

## HAVING ॥४॥

HAVING ॥४॥,É,í॥C-â,¢॥‡,í,¹,Â•Ô,³,ê,éfŒfR॥[fh,ì॥ðŒ॥,ðŽw'è,µ,Ü,·॥B,±,ê,í॥CGROUP BY  
॥४,Æ'g,Ý॥‡,í,¹,ÄŽg,í,ê,é॥ðŒ॥Ž®,,Â,·॥BHAVING ॥४,ìŽ®,É^ê'v,µ,É,¢fOf<॥[fv,í•Ô,³,ê,Ü,¹,ñ॥B

HAVING ॥४,Â,í•->-â,¢॥‡,í,¹,¤Tf|॥[fg,³,ê,Ü,·॥B•->-â,¢॥‡,í,¹,í॥CŠO•",Ü,½,í॥u॥e॥v-  
â,¢॥‡,í,¹,Â•Ô,³,ê,é—ñ,ì॥",ð॥\$ŒÂ,·,é,½,ß,íŒÝ॥õ॥ðŒ॥,ì,æ,¤,É<@"\,µ,Ü,·॥BWHERE  
॥४,ðŽQ॥Æ,µ,Ä,,³/₄,³,¢॥B

"äŠr‰‰žZžq (=॥C<॥C>॥C...) ,É‰‰Á,!,,Ä॥CIN॥CANY॥CALL॥CEXISTS  
,È,Ç,ðŽg,Á,½॥qŒê,¤Tf|॥[fg,³,ê,Ä,¢,Ü,·॥B

## **UNION 语句**

UNION 语句，将两个或多个 SELECT 语句的结果集合在一起。

^ÚŽÍCE<#

feñ[fuf<sup><-1/4</sup>, ðŽw'è, ·, é, É, í, CŽÝ, ì, æ, x, É, μ, Ü, ·, B]

ZY,I•¶,I□CParadox fe□[fuf<,Æ dBASE fe□[fuf<,©,çff□]f^,ð“Ç,YZæ,è,U,:□B

```
SELECT DISTINCT C.CUST_NO, C.STATE, O.ORDER_NO
FROM "CUSTOMER.DB" C, "ORDER.DBF" O
WHERE C.CUST_NO = O.CUST_NO
```

BDE fGfŠfAfX,àfe□[fuf<-1/4,Æ'g,Ý□‡,í,¹,ÄŽg—p,Å,«,Ü,·□B

## **INSERT**

f□□□fjf< SQL ,í□CVVALUES ,ðŽg,Á,Ä`}”ü,·,·’l,¡fšFxfg,ðŽw’è,·,·•û-@,Æ□C-  
â,¢□‡,í,¹žw’è,ðŽg,¤•û-@,ì,QZí—p,ì INSERT •¶,¤Žg,¡,Ü,·□B

-á

ŽŶ,ì•¶,í[]Cfe[]ufuf<,É—ñ,ð'Ç‰oÁ,µ[]C,Q,Â,ì—ñ,É'I,ðŠ„,è“-,Ä,Ä,¢,Ü,··B

```
INSERT INTO EMPLOYEE_PROJECT (EMP_NO, PROJ_ID) VALUES (52, "}DGPII"});
```

ŽŶ,í•¶,í[]Cfe[]ufuf<,É'{"ü,·,é'l,ð SELECT •¶,ðŽg,Á,ÄŽw'è,μ,Ä,¢,Ü,·[]B

## INSERT INTO PROJECTS

```
SELECT * FROM NEW_PROJECTS
```

```
WHERE NEW_PROJECTS.START_DATE > “{6-JUN-1994}”;
```

## **UPDATE**

ANSI •W  ,Ì UPDATE •¶,É'Î,·,é  -  ,â  g'£,í, ,  ,  ,  B

## **DELETE**

ANSI •W  ,Ì DELETE •¶,É'Î,·,é  §-ñ,â  g'£,í, ,è,Ü,¹,ñ  B

## DML • ¶'†, Í^ø"’uŠ·

DML • ¶'†, Å'I, Í, ©, í, è, É•í", Ü, ½, Í^ø"f}Ø[fj]Ø[Øi?  
Øj, ØŽg, ¡, Ü, ·ØB•í", ÍØæ“², É, í•K, „fRfØf“Øi:Øj, ², È, -, ê, Í, È, è, Ü, ¹, ÑØB, ½, Æ, ¡, ÍØCŽÝ, Í, æ, x, É, µ, Ü, ·ØB

```
SELECT LAST_NAME, FIRST_NAME
FROM "CUSTOMER.DB"
WHERE LAST_NAME > :var1 AND FIRST_NAME < :var2
```

## ■ WPFŠÖ■

fóó[f]f< SQL ,À,ÍC^È‰º,ì ANSI •W€ SQL ,ìWƒŠÖ”,ðff[f^,ì“Ç,Ýžæ,è,Éžg,¡,Ü,·B

- SUM()i—ñ“à,ì,·,x,Ä,ì”’I,ìƒŒv,ð<,ß,éj
- AVG()i—ñ“à,ì,·,x,Ä,ì”’NULL ”’I,ì•½<sup>1</sup>,ð<,ß,éj
- MIN()i—ñ“à,ìÅ—’I,ð<,ß,éj
- MAX()i—ñ“à,ìÅ’å’I,ð<,ß,éj
- COUNT()ižw’è,³,ê,½ðŒ,Æ^è’v,·,é—ñ“à,ì’I,ìŒÅ”,ð”,l,éj

^È‰º,Éž!,³,ê,Ä,¢,é,æ,¤,ÉCŒvŠÖ”“à,À,ìž®,ìžg—p,àfTf|f[fg,³,ê,Ä,¢,Ü,·B

SUM( Field \* 10 )

SUM( Field ) \* 10

SUM( Field1 + Field2 )

## • “ŽŠ—nšö”

- `UPPER()`i•¶Žš—ñ,ð•å•¶Žš,É•í,í,é]j
  - `LOWER()`i•¶Žš—ñ,ð•¬•¶Žš,É•í,í,é]j
  - `TRIM()`i•¶Žš—ñ,í•¶¶C%oE'¶C,Ü,½,í—¼[,ÅŽw'è,³,ê,½•¶Žš,²ŒJ,è•Ô,³,ê,Ä,¢,é”•³,ðœ<Ž,·,é]j
  - `SUBSTRING()`i•¶Žš—ñ,©,ç”•³•¶Žš—ñ,ð•¶¬,·,é]j

•”•ä•¶Žš—ñ

SUBSTRING() ,í C•¶Žš—ň,ð^ø ”,É,Æ,è C,»‚í•¶Žš—ň,í•”•¤•¶Žš—ň,ð ì ¬,µ,Ü,· B

```
SELECT SUBSTRING(CUSTNAME FROM 1 FOR 10) FROM CUSTOMER
```

,±,ì-â,¢¤‡,í,¹,Å,í¤CCUSTNAME —ñ,ì¤æ“¤,©,ç 10 •¶Žš,¤•Ô,³,ê,Ü,·¤B

“ú•tšö”

f<sub>1</sub>||f<sub>2</sub>|< SQL ,í\_0C“ú·t,âŽžŠO,|ftfB|[f<fh,©,ç,P^ê,í]”|ftfB|[f<fh,ð·ä—f,·,é EXTRACT() ŠÖ[],ðfTf|  
[]fg,µ,Ä,¢,Ü,·BEXTRACT ,í\_0·¶,í,† È‰º,í,AE,“,è,Å,·B

**EXTRACT (extract\_field FROM field\_name)**

```
SELECT EXTRACT(YEAR FROM HIRE_DATE)
```

## FROM EMPLOYEE

,±,ÍŠÖ“,ðŽg,Á,Ä CMONTH CDAY CHOUR CMINUTE C, „,æ,Ñ SECOND ,à,Šo,Å,«,Ü,· B  
**fm** [fg]:EXTRACT ,í TIMEZONE\_HOUR , „,æ,Ñ TIMEZONE\_MINUTE B,íFTf| [fg,µ,Ä,¢,Ü,¹,ñ B

%o%ožžžq

f□□[f]f< SQL ,^È%ooº,}‰‰‰ŽZŽq,đfTf|□[fg,μ,Ä,¢,Ü,·□B

| <b>Ží—p</b> | <b>%o%ožzžq</b>               |
|-------------|-------------------------------|
| žz̄p        | +    @-@    *    /            |
| "äŠr        | <    >    =    <>    >=    <= |
|             | IS NULL    IS NOT NULL        |
| ~_—         | AND    OR    NOT              |
| •¶žš—ñ~AŒ<  |                               |

X%oÂ"\,È-â,¢‡,í,¹

X̄V,É,Í^È‰‰,ì,æ,¤,È§ŒÀ,ª, ,è,Ü,·B

- fSf“fN,μ,A,¢,éftfBØ[f<fh,IØXØV,A,<,E,¢  
fCf“ffffbfNfX,ØØØ,è‘Ø,I,é,AEfGf%oØØ[,º“Ø¶,·,é

**f%oofCfu-â,¢#í,¹,É'î,·,é§œÀ**

f%o%fCfu-â,¢%‡,í,í,lfZf}f“feBfBfNfxí^Ó-i~\_Å,í%C,·,×,Å,íff[íf^‘€‰íf\fbfh,í%CBDE  
SÖí”íuDbiOpenTableív,¤•Ô,·fjí[f\ff<fnf“fhf<,É<@”\“I,É,à^Ó-i“I,É,àZ—,Å,¢,éfjí[f\  
f<fnf“fhf<,ð•Ô,µ,U,·ÅB

fVf" fOf<fe@fu@fuf<, l-â, @#f, i, Ü, ½, [frf...@[, i^E%o@, l, æ, x, È@§CEA, É@], x, AE, <, É@X@V%o@Â"\, Ä, ·@B

- JOIN CUNION CINTERSECT CMINUS '€'í,í,È,¢  
• SELECT ,Å,í DISTINCT fL[f][fh,í,È,¢í,±,ì]§ŒÀ,í CfCf“ffffbfNfX,ì,·,x,À,ìftfB[f<fh,É,Â,¢  
• Äs,xé‡,É,í“K—p,³,ê,È,¢,±,Æ,à,·,è,Ü,·’]  
• SELECT ¶ß,Äžw'è,³,ê,é,à,ì,P¶f,È—

ñŽQ[]Æ,Ü,½,ÍŒvŽZftfB[]f<fh,Å, ,èŒC[]WŒv'€[]ì,Í[]s,|,È,¢



GROUP BY



ftfB@f<fh,Ü,½,Íjf@fjf,jf@fbjh,É,Î,µ,Ä,í,¾,c,É@§ŒÀ,a,K—p,³,ê,é,±,Æ,ª,¸,ë,Ü,·@BORDER BY  
®,ì,ðŒ®,ð-ž,½,·,½,®,ÍfCf'ffffbfNfX,ºZg,í,ê,é,ÆŒCBDE ŠÖ"“uDbiSwitchToIndexv,ÍfGf  
‰œ[],ð•Ô,µ,Ü,·@B

f%oofCfuŒ<‡,É‘î,-,éŒÀ

f%o%fCfuŒ<‡,·i·‡f‡f‡f,·ÉŠÖ~A,µ,Ä,¢,Ü,··Bf%o%fCfuŒ<‡,·í,·íC·È‰º,·í,·í‡,·É,·í,·ÝŽg—p,·Å,·«,·Ü,··íB

- ,,×,Ä,ìŒ<‡,‡¶,©,ç‰%E,íŠO•”Œ<‡,Å, ,é  
;,×,Ä,ìŒ<‡,‡“™Œ<‡,Å, ,é  
;,×,Ä,ìŒ<‡,‡Œ‡,ð-ž,½,·,½,ß,ÉfCf“ffffbfNfX,ðžg—p,Å,«,éŒiParadox ,Æ dBASE ,íŒê‡‡j  
œo—íŒ‡,‡‘è‘,³,ê,Ä,¢,È,¢  
Œ<‡“à,¡feŒ[fuf<,í,·,×,ÄŠí-{feŒ[fuf<,Å, ,é  
-â,¢Œ‡,í,¹,É,íŒfVf“fOf<feŒ[fuf<,íŒXŒV,‡,Å,«,È,,È,é,æ,¤,ÈŒä<L,í—v'f,¤ŠÜ,Ü,ê,È,¢

SCÉAŽ-€

,Æ,å,å,«,Ü,·B·íX,Ü,½,Í'"}ü,É,æ,Á,ÄŒ<%oÊfZfbfg,©,ç·V,µ,¢fŒfR·[fh,ª,È,,È,é,ÆfGf‰·[,.ª·Ô,³,é,Ü,·B

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‰, „ftfB „[f<fhfv „fpfefB, É, æ, Á, Ä CŒ ‰ „ftfB „[f<fh, í“Ç, Ý „o, µ „é—

pftfB|[f<fh, ,æ, ÑŒvŽZftfB|[f<fh, Å, ,é,Æ,Ý,È,³,ê,Ü,·]BBDE

ŠÖ”“uDbiPutField\bv,\b3CÉÄ,\bN\bzo,,\bA\bC\SO~\bA,,\b,·,\b,x,\bA,\biftfB\bI\f<fh,\ba\bA\bC\ev\Z\Z,\b,·,\bÜ,\b,\bOB

-â,¢‡‡,í,¹Œ<%oÊ,É'Î,·,é BDE ŠÖ“,ìŒÄ,Ño,µ

-â,¢‡‡,í,¹,²ƒ]¶[ƒƒ<fnf“fhf<,ð•Ô,·¶ê¶‡¶C,»,ìƒ]¶[ƒ

f<fnf“fhf<,ÍuC\uDbiOpenTable\vv,©,ç·Ô,³,ê,Efj\|f\|<fnf“fhf<,aZ\|,Á‘áfCEfxfj,|‐â,ç\|#,í,¹<@”\

,đŠ®'S,ÉfTf|fg,µ,Ü,·B,µ,½,¤,Á,Ä|CŒ<%oÊfZfbfg,É,³,ç,É§-ñ,đ

,Æ,¤,A,«,U,·B uDbiAddIndex v, uDbiSwitchToIndex v,|^ •”,l’€ i,l CSJ,¢,A,¢

,éfe|[fuf<,]fJ|[f\<fnf“fhf<,ì|ê|‡,Æ,í^Ù,È,è|CfTf||[fg,³,ê,Ä,¢,Ü,¹,ñ|B

DML ,i-á

—á 1: UPDATE

## update goods

```
set city = 'Santa Cruz'
```

where goods.city = 'Scotts Valley'

—á 2: INSERT

insert

into goods ( part\_no, city )

values ( 'aa0094', 'San Jose' )

—á 3: DELETE

delete

from goods

```
where part_no = 'aa0093'
```

#### —á 4: SELECTICE~~SQL~~

ŽŶ,í—á,í□CJOIN ,Æ“-,¶“,«,ð,·,é,à,ì,Æ,µ,Ä SELECT •¶,¤,ç,ì,æ,¤,ÉfTf|□[fg,³,ê,Ä,¢,é,©,ðŽ|,µ,Ä,¢,Ü,¤,□B

```
select distinct p.part_no, p.quantity, g.city
 from parts p, goods g
 where p.part_no = g.part_no
 and p.quantity > 20
order by p.quantity, g.city, p.part_no
```

—á 5: •>'I'ð

•>'I'Ð-â,ç[]‡,í,¹,²fTf|[]|[fg,³,ê,Ä,ç,Ü,·]BŽÝ,ì—á,í,»,)ì[]•¶,ðŽ|,μ,Ä,ç,Ü,·]B

```
select p.part_no
 from parts p
 where p.quantity in
(select i.quantity
 from inventory i
 where i.part_no = 'aa9393')
```

## **—á 6: GROUP BY**

```
select part_no, sum(quantity) as PQTY
 from parts
 group by part_no
```

### **—á 7: ORDER BY**

ŽÝ,¡-á,íDESCENDING ¶ß,ðŽq,Á½ ORDER BY ¶ß,¡Žq,¢•û,ðŽ!,µ,Ä,¢,Ü,·¶ß

```
select distinct customer_no
from "c:\data\customer"
order by customer_no descending
```

**ff** [f^'è̥]

frf...□[,<sup>a</sup>fTf]□[fg,<sup>3</sup>,ê,Ä,¢,Ü,·□B

f□□[f]f< SQL ,Å,Í DDL •¶'†,í•ï□”,í'l,É'uŠ·,Å,«,Ü,¹,ñ□B

^È‰‰,ì DDL •¶,¤Tf|[]fg,³,ê,Ä,¢,Ü,·¤B

- CREATE TABLE
  - ALTER TABLE
  - DROP TABLE
  - CREATE INDEX
  - DROP INDEX
  - CREATE VIEW

čí|—á,É,Â,¢,Ä,í|CŽŸ,fgfsfbfN,ðŽQ|Æ,µ,Ä,,¾,³,¢|B

- #### DDL ,ì—á

## CREATE TABLE

CREATE TABLE ,í^È‰o,ì§ŒÀ•t,«,ÅfTf|fg,³,ê,Ä,ç,Ü,·B  
 • fhf|fCf“,ÉŠ†,Ä,—ñ’è<sup>‘</sup>,ífTf|fg,³,ê,Ä,ç,Ü,¹,ñB  
 • §-ñŒ,íCParadox ,É,Ä,ç,Ä,í^éŽYfL[.ì,Y,ÉY’è,Ä,«,Ü,·BdBASE ,É,Ä,ç,Ä,ífTf|fg,³,ê,Ä,ç,Ü,¹,ñB  
 ,½,Æ,!,íCŽY,ì•¶,í LAST\_NAME —ñ,Æ FIRST\_NAME —ñ,É^éŽYfL[§-ñŒ,ðŽ,Â Paradox  
 fe|[fuf<,ð||i|-,μ,Ü,·B

```
CREATE TABLE "employee.db"
(
 LAST_NAME CHAR(20),
 FIRST_NAME CHAR(15),
 SALARY NUMERIC(10,2),
 DEPT_NO SMALLINT,
 PRIMARY KEY(LAST_NAME, FIRST_NAME)
)
```

,±,ì•¶,ð dBASE fe|[fuf<,É“K—p,·,é,É,íC^éŽYfL[’è<sup>‘</sup>,ðŽæ,èœ,©,È,~,ê,î,È,è,Ü,¹,ñB

```
CREATE TABLE "employee.dbf"
(
 LAST_NAME CHAR(20),
 FIRST_NAME CHAR(15),
 SALARY NUMERIC(10,2),
 DEPT_NO SMALLINT
)
```

## Paradox ,”,æ,Ñ dBASE ,ífe|[fuf<,í|i|-

f|[fj|f SQL ,ðŽg,Ä,Ã Paradox ,”,æ,Ñ dBASE ,ífe|[fuf<,ð||i|-,·,é,É,íCfe|[fuf<,É-  
 ¼’O,ð•t,·,é,Æ,«,Éftf@fCf<Šg’fŽq,ðŽw’è,μ,Ü,·B

- ”.DB”íParadox fe|[fuf<]
- ”.DBF”idBASE fe|[fuf<]

f|[fj|f fe|[fuf<-¼,É,Ä,ç,ÄŠg’fŽq,ðŽÈ—,·,é,ÆCBDE ŠÂ<¤Y’èft|[fefBjŠfefB,¡fVfXfef€fy|[fW,¡  
 Default Driver ¶Y’è,ÄŽw’è,³,ê,Ä,ç,é,à,ì,Æ“-,¶Zí—P,ífe|[fuf<,¤||i|-,³,ê,Ü,·B

## CREATE TABLE ,Å,íff|[f^Œ^f}fbfsf“fO

CREATE TABLE ,ÅŽg,í,ê,éff|[f^Œ^,ÉŠÖ,·,é SQL ,ì•¶,ÆC,»,íŠeŒ^,¤ BDE ,Å Paradox ,”,æ,Ñ  
 dBASE ,ì,ç,ìŒ^,Éf}fbfsf“fO,³,ê,é,©,ðŽY,ì•\,ÅŽl,μ,Ü,·B

| SQL ¶\•¶     | BDE ^ _Œ^  | Paradox   | dBASE        |
|--------------|------------|-----------|--------------|
| SMALLINT     | fldINT16   | ¤®”Œ^     | ¤”’Œ^ (6,0)  |
| INTEGER      | fldINT32   | ”{’·¤®”Œ^ | ¤”’Œ^ (11,0) |
| DECIMAL(x,y) | fldBCD     | BCD Œ^    | -¢ ’‰ž       |
| NUMERIC(x,y) | fldFLOAT   | ŽÀ”Œ^     | ¤”’Œ^ (x,y)  |
| FLOAT(x,y)   | fldFLOAT   | ŽÀ”Œ^     | •,“®Œ^ (x,y) |
| CHARACTER(n) | fldZSTRING | •¶ŽšŒ^    | •¶ŽšŒ^       |
| VARCHAR(n)   | fldZSTRING | •¶ŽšŒ^    | •¶ŽšŒ^       |
| DATE         | fldDATE    | “ú•tŒ^    | “ú•tŒ^       |

|           |                           |                                                                                              |                                                              |
|-----------|---------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| BOOLEAN   | fldBOOL                   | $\sim \underline{\underline{f}}$ Œ^                                                          | $\sim \underline{\underline{f}}$ Œ^                          |
| BLOB(n,1) | fldstMEMO                 | $f\underline{\underline{f}},\mathbb{C}\mathbb{E}^$                                           | $f\underline{\underline{f}},\mathbb{C}\mathbb{E}^$           |
| BLOB(n,2) | fldstBINARY               | $fofCfjf\check{S}\mathbb{C}\mathbb{E}^$                                                      | $fofCfjf\check{S}\mathbb{C}\mathbb{E}^$                      |
| BLOB(n,3) | fldstFMTMEMO              | $\mathbb{C}'\check{Z}\mathbb{R}\bullet t,< f\underline{\underline{f}},\mathbb{C}\mathbb{E}^$ | $-c'\mathbb{I}\%o\check{Z}$                                  |
| BLOB(n,4) | fldstOLEOBJ               | OLE Œ^                                                                                       | OLE Œ^                                                       |
| BLOB(n,5) | fldstGRAPHIC              | $fOf$<br>$\%o\mathbb{f}tfBfbfN\mathbb{C}\mathbb{E}^$                                         | $-c'\mathbb{I}\%o\check{Z}$                                  |
| TIME      | fldTIME                   | $\check{Z}\check{z}\mathbb{S}\mathbb{O}\mathbb{C}\mathbb{E}^$                                | $-c'\mathbb{I}\%o\check{Z}$                                  |
| TIMESTAMP | fldTIMESTAMP              | $"\acute{u}\bullet t\check{Z}\check{z}\mathbb{S}\mathbb{O}\mathbb{C}\mathbb{E}^$             | $-c'\mathbb{I}\%o\check{Z}$                                  |
| MONEY     | fldFLOAT,<br>fldstMONEY   | $\langle \acute{a}\check{S}z\mathbb{C}\mathbb{E}^$                                           | $\bullet,"^{\circ}\mathbb{R}\mathbb{C}\mathbb{E}^$<br>(20,4) |
| AUTOINC   | fldINT32,<br>fldstAUTOINC | $f\underline{\underline{f}}Ef"\mathbb{f}\mathbb{C}\mathbb{E}^$                               | $-c'\mathbb{I}\%o\check{Z}$                                  |
| BYTES(n)  | fldBYTES(n)               | $fofCfg\mathbb{C}\mathbb{E}^$                                                                | $-c'\mathbb{I}\%o\check{Z}$                                  |

x = 0, "x 0iSù'è'l,ífhf%ofoCfoŒÅ—L0j

y =  $\neg\neg''\bullet'' \ i\check{S}u'è'l,i\ 0\Box j$

n = fofCfg'.*i*Sù'è'l,í 0*j*

1-5 = BLOB fTfuf^fCfv ॥iŠù'è'l,i 1॥j

## **ALTER TABLE**

fóó[fjf< SQL ,í ANSI •Wó€ ,í ALTER TABLE •¶,íŽY,í,æ,¤,ÈfTfufZfbfg,ðfTf|ó[fg,µ,Ä,¢,Ü,·BŽY,í  
ALTER TABLE ,íó\•¶,ðŽg,¤,ÆŠù'¶,ífeó[fuf<,ÉóV,µ,¢—ñ,ð'Ç‰Á,Ä,«,Ü,·B

ALTER TABLE table ADD column\_name data\_type [, ADD column\_name data\_type ...]

,½,Æ,!,í,íCŽY,í•¶,í dBASE feó[fuf<,É—ñ,ð'Ç‰Á,µ,Ü,·B

ALTER TABLE "employee.dbf" ADD BUILDING\_NO SMALLINT

ŽY,í ALTER TABLE ,íó\•¶,ðŽg,¤,Æfeó[fuf<,©,çŠù'¶,í—ñ,ðíóœ,Ä,«,Ü,·B

ALTER TABLE table DROP column\_name [, DROP column\_name ...]

,½,Æ,!,í,íCŽY,í•¶,í Paradox feó[fuf<,©,ç—ñ,ð,Q,Âfhfófbfv,µ,Ü,·B

ALTER TABLE "employee.db" DROP LAST\_NAME, DROP FIRST\_NAME

ADD ,Æ DROP ,í‘€óí,íP,Ä,í•¶,É,Ü,Æ,ß,ç,ê,Ü,·B,½,Æ,!,í,íCŽY,í•¶,í—ñ,ð,Q,Âfhfófbfv,µóC,P,Ä’Ç‰Á,µ,Ü,·B

ALTER TABLE "employee.dbf" DROP LAST\_NAME, DROP FIRST\_NAME, ADD FULL\_NAME  
CHAR[30]

# **DROP TABLE**

```
DROP TABLE "employee.db"
```

## **CREATE INDEX**

CREATE INDEX ,đŽg,¤,ÆŒCŽÝ,ì¤\•¶,É,æ,Á,ÄfeŒ[fuf<,ÉfCf“ffffbfNfX,đ¤ì¤¬,Å,«,Ü,·ŒB  
CREATE INDEX index\_name ON table\_name (column [, column ...])

dBASE feŒ[fuf<,]fCf“ffffbfNfX,íŒCCREATE INDEX ,É,æ,Á,Ä,ì,Ý¤ì¤¬,Å,«,Ü,·ŒB,½,Æ,|,íŒCŽÝ,ì•¶,í  
dBASE feŒ[fuf<,ÉfCf“ffffbfNfX,đ¤ì¤¬,µ,Ü,·ŒB

CREATE INDEX NAMEX ON "employee.dbf" (LAST\_NAME)

Paradox ,É,Â,¢,Ä,íŒCCREATE INDEX ,É,æ,Á,Ä¤ì¤¬,Å,«,é,|,í“ñŽÝfCf“ffffbfNfX,ì,Ý,Å,·ŒBParadox  
,ì^êŽÝfLŒ[fCf“ffffbfNfX,íŒCCREATE TABLE ,Å¤V,µ,¢feŒ[fuf<,đ¤ì¤¬,·,é¤Û,É^êŽÝfLŒ[Œ§-  
ñ¤ðŒ¤,đŽw'è,µ,½¤ê¤‡,ì,Ý¤ì¤¬,Å,«,Ü,·ŒB

# **DROP INDEX**

```
DROP INDEX table_name.index_name | PRIMARY
```

```
DROP INDEX "employee.db".PRIMARY
```

dBASE ,í" C^Ó, jfcf "fffbfNfx, Ü, ½, í Paradox ,í" ñZÝfcf "fffbfNfx, ðfhf fb fv, ;, é, É, í CfCf "fffbfNfx-  
½, ðŽw'è, µ, Ü, ·B, ½, Æ, |, í CŽY, i•¶, í Paradox fe [fuf, í" ñZÝfcf "fffbfNfx, ðfhf fb fv, µ, Ü, ·B

DROP INDEX "employee.db".NAMEX

## CREATE VIEW

frf...[],íCSELECT •¶,©,ç‰‰¼'zfe[]fuf<,ð[]ì¬,µ,Ü,·Bfe[]fuf<ã,ì“®,~g,Ü,½,í‘,ð'Ê,µ,ÄC•K—v,Èff[]f^,¾,~,ðŽQÆ,Å,«,Ü,·Bft[]fu[],íC•;ŽG,ÉC³,³,ê,½ SELECT •¶,ð“ü—í,·,é,©,í,è,Éfrf...[],ðŽg,¤,±,Æ,É,æ,Å,ÄSÉ'P,É'l'ð,Å,«,Ü,·B

CREATE VIEW ,íCff[]f^fx[]fx“à,ífe[]fuf<,ðŠi'b,Æ,·,éff[]f^,ífrf...[],ð<Lq,µ,Ü,·B•Ô,·—ñ,íCSELECT •¶,Ãf[]fxfe[]fuf<,l—ñ,ðŽw'e,·,é,±,Æ,Å'è<`>,µ,Ü,·Bfrf...[],íC•—“I,ÉSi”[,³,ê,Ä,¢,éff[]f^,»,l,à,l,Å,í,·,é,Ü,¹,ñBfe[]fuf<,íé‡,Æ“~,¶,æ,¤,ÉCfrf...[],É'î,µ,Ä'”ðCZÉ‰œCŒ<¤C‡•¹,íSe'€}i,ðs,¤,±,Æ,¤,Å,«,Ü,·B

CREATE VIEW ,Å,íCZÝ,ì\•¶,ðŽg,Å,Äfe[]fuf<,É'î,·,éfrf...[],ðì¬,µ,Ü,·B

CREATE VIEW view\_name [ (column\_name [, column\_name]...) ]

CREATE VIEW ,íCCDRifNf‰fCfAf“fgff[]f^fŠf|fWfgfŠ]j,Æ'g,Ý‡,í,¹,ÄfTf|[]fg,³,ê,Ä,¢,Ü,·BCDR ,íCfrf...[],ð'è<`>,·,é SELECT •¶,ðŠi”[,µ,Ü,·B

íSŒÀ•t,«frf...[],ðì¬,·,éuWITH CHECK OPTIONv,äfTf|[]fg,³,ê,Ä,¢,Ü,·B  
frf...[],É'î,·,éfrf...[],äfTf|[]fg,³,ê,Ä,¢,Ü,·B,½,¾,µCŒXŒV‰„,Èfrf...[],í,·,x,ÄŒÀŽ-Œ,ðfjfxP[]fh,·,é,l,Å CASCADE/LOCAL frf...[]’®“<,ífTf|[]fg,³,ê,Ä,¢,Ü,¹,ñB

DDL ,ì–á

<sup>^È‰‰º,í—á,í□C•W□€ff□[f^fx□[fX,ÉÍ,·,é DDL •¶,ížg,¢•û,ðžl,µ,Ä,¢,Ü,·□B</sup>

## —á 1a: DDL iDROP TABLE

fe|[fuf<-¼,Éfsfšflfh]u.|v.,äŠÜ,Ü,ê,Ä,ç,é|ê|‡,í-¼'Ø,ð^ø—p„,Å^í,Y,Ü,·B

```
drop table "c:\data\customer.db"
```

### **—á 1b: DDL**

fe|[fuf<-1/4,ÉfsfŠflfh[u.úv,ºŠÜ,Ü,ê,Ä,¢,È,¢]é[],í^ø—p•,,ðŽg,x•K—v,í, ,è,Ü,¹,ñ]B

## drop table clients

## —á 2: DDL — CREATE INDEX

create index part on parts (part\_no)

## **Paradox:** Paradox

,í „é Ž ŸfCf“ffffbfNfX, í Cfe„ufuf<„í „é, ÁE, «, É, „í, Ÿ „í „—, Å, «, Ü, „í B“ñ Ž ŸfCf“ffffbfNfX, í C‘å•¶ Ž š, ÁE „í „•¶ Ž š, „í „æ•É, „í „í „—, „í „é, Ü, „í B

## **dBASE: dBASE**

,íƒCf“fffbfNfX,íƒC•ÙŽç,³,éƒCf“fffbfNfX,Æ,µ,ÄÙìÙ¬,³,éƒCf“fffbfNfX-¹/₄,íƒ^fO-¼,Å,·ÙB

□Å<L^ÈŠO, ÌfCf“fffbfbNfX, ÌoÚo×, É, Å, ç, Ä, ÍoCBDE API fI“f‰ofCf“fwf<fv, ÌoUdbiAddIndex□v, ÌZQoÆ, µ, Å, ¾, ³, ç, ÌB

## —á 3: DDL

fCf“ffffbfNfX,ðíœ.,é\•¶,íufe>[]fuf<-¼.fCf“ffffbfNfX-¼]v,Å,·B

```
drop index parts.part_no
```

**Paradox:** Paradox, l̄n̄éñ‡, l̄.Ýñufeñ[u]fuf<-1/4. primary\ñv, l̄ñéžñFcñ“ñfbñNñFñX, ñðžñl, µ, Ü, ññB

drop index parts prim

