

Index

Symbols

.NET Provider Support 991

A

Access path 921
Access plan 921, 999
Access profiles 138
 Control Center 144
 exporting 139
 importing 141
Activity Monitor 57
Administration notification logs 950
Administration Server 113
Advanced Functions 471
 ADMIN_CMD 472
 Health snapshot 478
 MQSeries functions 478
 MULTIPLY_ALT 474
 SNAPSHOT 475
 SQLERRM 473
 Unicode functions 482
Advisors and Wizards 51
Alias 341, 346, 557
Apache Derby 12
APIs
 description 989
Application
 dynamic embedded (description) 984
 static embedded 983
Application Development Framework 982
AS clause 344
ASLHEAPSZ 1008
Asterisk, use of 329
Asynchronous index cleanup 695
Atomicity 600
Attributes 318
Audit Facility Administrator 913
Auditing 216
Authentication 170
 CLIENT 174
 DATA_ENCRYPT 175
 DATA_ENCRYPT_CMP 176
 GSS_SERVER_ENCRYPT 176
 GSSPLUG_IN 176
 KERBEROS 174
 KRB_SERVER_ENCRYPT 175
 location 173
 SERVER 174

 SERVER_ENCRYPT 174
 setting 177
 userid and password 171
Authorization 184
 BINDADD 1004
 DBADM 191
 LOAD 192
 SECADM 189
 SYSADM 187
 SYSCTRL 188
 SYSMAINT 188
Automated Configuration 125
Automatic Client Reroute 865
Automatic storage 664

B

BACKUP 805
 incremental backup 814
 redirected restore 822
 TSM 815
Bernoulli sampling 424
BETWEEN 351
Big-block reads 644
Binding 160
 applications 1002
 deferred 999
 display contents (db2bfd) 1006
 explain options 926
 multiple bind files 1008
 OWNER 1004
 PACKAGE USING 1001
 QUALIFIER 1004
 record blocking 1008
 using Configuration Assistant 162
 utilities 1008
Buffer Pools 231
Built-in Functions 345
Business intelligence services 6

C

Caching
 system catalogs 941
Cartesian product 334
CASE expression 358
 advanced 431
 use in functions 432
Casting functions 251
 expression definition 333
 function definition 333
CATALOG 156

- database 156, 158
- Named Pipe 157
- node 156
- TCP/IP node 157
- Catalog table space 648
- Change Management Expert 59
- Child table 338
- CLI 1010
 - bind files 1012
 - configuration 1013
 - description 986
 - keywords 1014
- Client Authentication 179
 - CLIENT 180
 - SERVER 181
 - setting 181
 - TRUST_ALLCLNTS 180
- Clients 29, 118
 - DB2 Client 118
 - installation 120
 - runtime 118
 - thin client 121
- CLOB 244
- CLP
 - bind files 1007
- Code page
 - conversion 260
- Code point 259
- CODESET 259
- Collating sequence 260
- Collection 1001
- Column functions 345, 346
- columns
 - derived 318
- Command Editor 48
- Command Line Processor 54, 94
- COMMIT 232, 558
- Common table expression 361
- Compound key 324
- Compressed tables 277
 - INSPECT command 281
 - row compression 279
 - using reorganization 284
 - value compression 278
- Concurrency
 - lost update 601
 - non-repeatable read 605
 - nonrepeatable read 601
 - phantom read 601, 606
 - uncommitted read 601
- Configuration Advisor 943
- Configuration Assistant 50, 147
 - CLI/ODBC settings 1016

- Connectivity 28
- Consistency point 600
- Constraints
 - CHECK clause 267
 - Check pending state 267
 - checking 758
 - foreign key 324
 - informational constraints 268
 - modifying 267
 - naming 267, 322
 - primary key 322
 - referential 324
 - RESTRICT (RI) 324
 - SET INTEGRITY 267, 758
 - table-check 266
 - unique constraints 263
- Containers
 - overview 629
- Control Center 45
- Correlation names 339
- COUNT 350
- Create Event Monitor 908
- Creating buffer pools 656
- Creating table spaces 656
- CUBE 421
- CURRENT EXPLAIN MODE 925
- CURRENT EXPLAIN SNAPSHOT 925
- CURRENT SCHEMA special register 229
- Cursors
 - ambiguous 1008

D

- Data Archive Expert 59
- Data Management 6
- Data movement
 - DB2MOVE 763
 - delimited ASCII 702
 - derived column names 708
 - EXPORT 705
 - file types 701
 - IMPORT utility 716
 - IXF files 704
 - LOAD utility 731
 - non-delimited ASCII 703
 - REORGCHK 766
 - worksheet files 704
- Data retrieval
 - correlation names 339
 - join 337
 - projecting columns 330
 - restricting rows 331

- set operation 348
- sorting 340
- Data types 227, 238
 - BIGINT 241
 - BLOB, maximum size 245
 - built-in 227
 - CHAR 242
 - CLOB 244
 - considerations 261
 - DATE 246
 - datetime 245
 - DBCLOB 244
 - DECIMAL 241
 - DOUBLE 242
 - External File (DATALINK) 248
 - FLOAT 241
 - FOR BIT DATA clause 243
 - GRAPHIC 244
 - INTEGER 240
 - LONG VARCHAR 243
 - LONG VARGRAPHIC 244
 - NUMERIC 241
 - REAL 241
 - reference (REF) type 227
 - SMALLINT 240
 - TIME 247
 - TIMESTAMP 248
 - user-defined data types 227, 250
 - user-defined distinct type 227
 - user-defined reference type 227
 - user-defined structured type 227
 - VARCHAR 243
 - VARGRAPHIC 244
 - XML 249
- Data Warehouse edition 6
- Database
 - creation 233
 - maintenance 786
- Database Benchmarking Tool 916
- Database Enterprise Developer's Edition 39
- Database Managed Space (DMS) 229
- Database objects
 - buffer pools 231
 - index 230
 - locks 232
 - logs 233
 - packages 231
 - schema 228
 - table space 229
 - tables 228
 - views 229
- DATALINK 248
- Date Strings (DATE) 246
- DB configuration 614
 - APPLHEAPSZ 942
 - AVG_APPLS 941
 - BUFFPAGE 940
 - CATALOGCACHE_SZ 941
 - DBHEAP 941
 - DFT_DEGREE 947
 - DLCHKTIME 615
 - LOCKLIST 233, 614
 - LOCKTIMEOUT 614, 895
 - LOGBUFSZ 941
 - MAXLOCKS 614
 - NUM_FREQVALUES 781
 - NUM_QUANTILES 781
 - SHEAPTHRES 936
 - SORTHEAP 942
- DB2 client 980
- DB2 Connect 32
- DB2 Developer Workbench 40
- DB2 Discovery 125
 - configuration 126
 - known discovery 130
 - search discovery 136
- DB2 drivers 31
- DB2 Editions
 - Enterprise Edition 20
 - Express Edition 14
 - Express-C Edition 15
 - Personal Edition 13
 - Workgroup Edition 16
- DB2 Everyplace 10
- DB2 Extenders 41
 - Geodetic 43
 - Net.Search 43
 - Spatial 42
 - XML 43
- DB2 Feature Packs 17
 - Database Partitioning 24
 - Enterprise Performance Optimization 21
 - Geodetic Data Management 22
 - Governor 17
 - High Availability Feature Pack 18
 - Homogeneous Federation 20
 - Label-based access control 22
 - Mobility on Demand 23
 - Performance Optimization 18
 - pureXML 19
 - Query Patroller 18
 - Real Time Insight 22

- Storage optimization 27
- Workload management 17
- DB2 for i5/OS 8
- DB2 for z/OS 8
- DB2 Governor 911
- DB2 Health Monitor 888
- DB2 Replication 35
- DB2 Runtime client 980
- DB2 server memory usage 881
- db2cli.ini 955, 1012
- DB2CLIINIPATH 955
- DB2DEGREE 947
- DB2e 10
- db2expln 927
- DB2INIDB 846
- DB2LOOK 787
 - using the Control Center 790
- DB2MOVE 763
- DB2MTRK 963
- DB2PD 918
- DBADM 191
- DBM configuration
 - ASLHEAPSZ 942, 1008
 - INTRA_PARALLEL 946
 - MAX_DEGREE 946
 - MAX_QUERYDEGREE 946
 - RQRIÖBLK 1008
 - SHEAPTHRES 942
- DCL 226
- DDL 226
- Deadlock
 - detection 615
 - monitoring 910
- Default data values 255
- DELETE statement 372
- Dereference operator 446
- Derived Column 343
- DIFFERENCE 362
- Dimension table 415
- Directory 152
 - administration 153
 - DCS 152
 - examining 153
 - local 152
 - node 152
 - system 152
- Dirty read, *See* uncommitted read
- DISTINCT 349
- Distributed Communications 124
- DML 226
- Double-Byte Character Strings 244
- Dynamic data type 447
- dynexpln 927

E

- Environment variables 100
- Event Analyzer 888, 903
- Event Monitor 57, 891, 901
 - activating 908
 - analyzing the output 902
 - deadlock events 910
 - maximum number active 908
 - Querying states 908
 - record types 901
- EVENT_MON_STATE 908
- Explain 921
 - creating tables 922
 - CURRENT EXPLAIN MODE special register 925
 - CURRENT EXPLAIN SNAPSHOT special register 925
 - eligible statements 923
 - EXPLAIN option 923
 - explain snapshot 885
 - EXPLAIN SNAPSHOT option 923
 - EXPLAIN statement 923
 - explain table 885, 886, 922
 - special register 925
 - table descriptions 922
- EXPORT 705
 - examples 729
 - large object support 709
 - typed table support 710
 - using the Control Center 712
- Extents
 - definition 642

F

- FACT table 415
- FETCH FIRST 332
- First Steps 78
- Fixed-Length Character String (CHAR) 242
- Foreign key 264, 324
- FROM clause 330
- Full Outer Join 411
- Fullselect 355
 - scalar 359
- Functional Dependencies 465
- Functions
 - casting 251, 333
 - column 346
 - COUNT 350
 - scalar 345

G

GET SNAPSHOT 894
 GRANT 201
 GROUP BY 347
 Grouping Values 347

H

HAVING 349
 Health Center 48
 Health snapshot functions 478
 Hierarchy table (H-Table) 442
 High Availability 845
 Hot standby 845
 MSCS 845
 Mutual takeover 845
 split mirror 847
 Steeleye 845
 Sun Cluster 845
 Veritas Cluster Server 845
 High Availability Disaster Recovery 850
 automatic client reroute 865
 manual setup 860
 monitoring 863
 scenario 850
 setup using Control Center 853
 takeover 862
 High Performance Unload 59

I

IBM Cloudscape 12
 IBM Driver for JDBC and SQLJ 981
 IBM Driver for ODBC and CLI 981
 Identity Column 256
 IMPORT 716
 examples 729
 large object support 724
 typed table support 724
 using the Control Center 725
 Index 230
 bi-directional 314
 foreign key 312
 guidelines 313
 index only access 313
 index structure 770
 modification 315
 non-unique 312
 null values 313
 primary 312
 primary key 312
 record id 311

 removing 315
 unique key 312
 Index Advisor 939
 Indoubt Transaction Manager 916
 Information as a Service 4
 Information Integration 6
 Inner Join 409
 INSERT 365
 set of data 368
 using DEFAULT 256
 Inspect Command 912
 Installation 64
 db2_install 82
 db2setup 81
 Linux and UNIX 81
 multiple copies 83
 response file generator 91
 response files 82, 88
 sample response file 89
 Windows 64
 Instance 103
 administration 108
 Linux and UNIX 105
 starting 107
 stopping 108
 Windows 103
 Inter-partition parallelism 880, 883
 Inter-query parallelism 878
 INTERSECTION 362
 Intra-partition parallelism 878
 Intra-query parallelism 878
 Isolation levels 233, 607
 choosing 609
 cursor stability (CS) 608
 read stability (RS) 609
 repeatable read (RR) 609
 setting in static SQL 608
 uncommitted read (UR) 608

J

Java development 1018
 JDBC Programming 1019
 Join 337
 inner 339
 join column 338
 outer 409
 predicate 339
 Journal 48

L

- Labeled durations 370
- LBAC 213
 - Label-based Access Control 213
 - limitations 215
 - overview 214
- Left Join 409
- Left Outer Join 409
- License Center 48
- LIKE 350
- LOAD 730
 - build phase 732
 - cursor file type 736
 - delete phase 732
 - exception table 739
 - Generated Columns 737
 - index copy phase 733
 - large object considerations 743
 - LOAD QUERY 755
 - statistical profile 742
 - using the Control Center 747
- LOAD Authority 192
- Locking Level in SQL 616
- LOCKLIST 233, 614
- Locks 232
 - compatibility 612
 - conversion 613
 - duration 610
 - escalation 613
 - row level 611
 - table (explicit) 615
 - table level 610
- LOCKSIZE parameter 616
- LOCKTIMEOUT 614
- Log files 233
 - active, archived 801
 - archival logging 800
 - buffered writes 941
 - buffers 798
 - circular logging 799
 - erasing 803
 - full log directory 804
 - LOGARCHMETH1 802
 - LOGARCHMETH2 802
 - LOGRETAIN and USEREXIT 802
 - mirroring 801
 - naming 837
 - NOT LOGGED INITIALLY 804
 - placement 837
 - primary and secondary logs 799
 - pruning 838

- raw devices 804
- roll-forward recovery 803
- usage 797
- write-ahead logging 233
- LOGARCHMETH1 802
- LOGARCHMETH2 802
- LOGRETAIN and USEREXIT 802
- Long field data 650

M

- Master data management 6
- Materialized Query Table 462
- MAXLOCKS 614
- MDC
 - block indexes 292
 - block map 294
 - candidate dimensions 294
 - cell 291
 - composite index 293
 - loading tables 297
 - multidimensional tables 289
 - ORGANIZE BY 292
- Memory
 - agent 882
 - application interface 883
 - DB2 usage 881
- Memory Visualizer 889
- Merge
 - ignoring records 382
 - overview 377
 - raising error conditions 382
 - syntax 379
- Microsoft Data Objects 990
- Monitoring
 - application activity 896
 - authority required 892
 - graphical performance details 881
 - lock activity 895
 - sorting activity 937
 - table activity 897
 - tools 57
- Moving Functions 422
- MQSeries functions 478
- Multiple row insert 367

- N**
- Nested table expressions 358
- Nicknames 307
 - federated support 307
- NOT NULL 255
- NULL values 254

O

Object id (OID) 435
 ODBC 1010
 standard 986
 OLAP
 indexes 415
 star schema 414
 Online Analytical Processing (OLAP) 414
 Online Transaction Processing (OLTP) 414
 ONLY clause 441, 442
 ORDER BY 348
 OUTER clause 441
 Outer Join 409
 Full Outer Join 411
 Left Outer Join 409
 Right Outer Join 410

P

Packages 231, 998
 defining schema 1001
 renaming 1001
 section 998
 Page cleaning 645
 Page size 643
 Parallelism 878
 Parent table 264, 338
 Performance Expert 59
 Performance tuning 887
 Perl DBI 993
 Permutation 331
 Persistency 600
 PHP 994
 Positioned delete 372
 Positioned update 370
 PRECOMPILE
 error messages 1002
 output 1007
 Predicate
 usage 331
 Predicates
 BETWEEN 351
 evaluation 332
 IS 352
 LIKE 350
 NOT 352
 quantified 355
 Primary index 312
 Primary key 264, 322
 attributes 318
 Privileges 194
 application development 203
 assigning 201

 catalog 199
 database 197
 EXECUTE 1004
 explicit, implicit, indirect 206
 GRANT 201
 groups 206
 objects 197
 REVOKE 201
 Process model (DB2 Server) 876
 Profile Registry 98
 Global level 99
 Instance 99
 Instance level 99
 Node level 99
 Programming Interfaces 982
 Projection 330

Q

Qualifying rows 334
 Query 328
 sub-query 354
 Query Patroller 55
 Query processing
 description 884
 Quiesce 839

R

Range clustered tables 298
 REBIND 784
 Record blocking 1008
 control 942
 factors affecting 942
 Recovery 794
 BACKUP 805
 crash recovery 795
 history file 840
 QUIESCE 839
 recoverable and nonrecoverable 796
 RESTORE 815
 restore automatic storage database 826
 restoring existing database 825
 restoring new version of database 826
 roll-forward recovery 795, 827
 strategy 796
 transaction 794
 unit of work 794
 version recovery 795
 XBSA 810
 Recovery Expert 60
 Recursive SQL 405

Redirected restore 638
Referential integrity 264
 declarative 324
 DELETE rules 265
 foreign key 264
 INSERT rules 265
 parent table 264
 primary key 264
 unique key 264
 UPDATE rules 266
REORG 773
 clusterratio and REORG decision 775
 using a temporary table space 776
 using the Control Center 776
REORGCHK 766
 description 766
 how to use 767
 options 772
 reading output 768
Repeatable read 603
Repeatable sampling 429
Replication 28
 Replication Center 47
RESET MONITOR 901
Resetting Snapshot Monitor Switches 900
Response File 88
Response File Generator 91
RESTORE 638, 815
 table space level 829
 UTC 829
Restriction 331
Result set 328
Result table 328
REVOKE 201
RID, See index 311
Right Outer Join 410
ROLLBACK 232, 558
ROLLUP 419
RQRIOBLK 1008
Ruby 994
Ruby on Rails 994
RUNSTATS 273, 777, 933, 985
 clustering parameters 782
 collecting index information 780
 description 778
 detailed information 782
 effect on dynamic SQL 985
 executing 778
 non-uniform distribution 781
 STAT_HEAP_SZ 781
 when to use 933
 with distribution 781

S

Satellite Administration Center 48
SAVEPOINTS 559
Scalar functions 345
Schemas 228
 application considerations 555
 SYSCAT 273
 SYSIBM 273
 SYSSTAT 272
Searched delete 372
Searched update 370
SECADM 189
SELECT 327
 column list (select list) 330
Self-tuning memory manager 960
Sequences 469
Sequential prefetch 644
Server agents 876
SET CONSTRAINTS 758
SET EVENT MONITOR 908
Set operators 362
 EXCEPT 364
 INTERSECT 364
 INTERSECT ALL 364
 UNION 362
 UNION ALL 363
SET SESSION 211
SET WRITE 845
Snapshot Monitor 57, 891
 levels 894
 obtaining data 894
 resetting counters 901
 switches 900
 when counters are set 900
SNAPSHOT table functions 475
Sorting 887
 monitoring activity 937
 overflowed and non-overflowed 887
 piped and non-piped 887
SHEAPTHRES 936
SORTHEAP parameter 942
Special registers
 CURRENT DEGREE 947
 CURRENT EXPLAIN MODE 925
 CURRENT EXPLAIN SNAPSHOT 925
 CURRENT SCHEMA 229
 CURRENT TIME 371
 CURRENT TIMESTAMP 371
 Explain 925
 USER 371
SQL
 ALTER 237

- ALTER TABLE 268
- COMMENT ON 272
- COMMIT 232
- CREATE DATABASE 259, 321
- CREATE statement 235
- CREATE TABLE 228, 229
- CURRENT REFRESH AGE 458
- DCL overview 272
- DECLARE statement 236
 - definition 225
- DELETE 372
- DISTINCT 349
- DROP DISTINCT TYPE 254
- DROP statement 237
- FROM 330
- GRANT 272
- HAVING 349
- LOCK TABLE 615
- MERGE 377
- ORDER BY 348
- REVOKE 272
- ROLLBACK 232
- SELECT 327
- SET CURRENT REFRESH AGE 458
- SET CURRENT SCHEMA statement 229
 - system catalog tables 272
- UPDATE 369
- SQL optimizer 933
- SQL PL
 - BEGIN ATOMIC 560
 - DECLARE 563
 - example 572
 - FOR 568
 - GET DIAGNOSTICS 572
 - IF/THEN/ELSE 565
 - ITERATE 569
 - LEAVE 569
 - RETURN 570
 - SIGNAL 570
 - WHILE 567
- SQL Procedural Language 559
- SQL Sampling 424
 - additional considerations 431
 - Bernoulli sampling 424
 - repeatable sampling 429
 - SYSTEM sampling 426
- SQL-Bodied Scalar Functions 542
- SQL-Bodied Table Functions 545
- SQLJ Programming 1020
- Star join 416
- Star schema 414
 - definition 270
- Static embedded SQL 983
- Statistical profile 742
- Statistical views 466
 - enabling 466
- Statistics
 - updating directly 787
- STMM 960
 - defining available memory 970
 - disabling 971
 - enabling 969
 - monitoring 972
 - operating system interaction 962
 - operation 966
 - tracking memory usage 963
- Storage Management Tool 58, 915
- Storage model
 - automatic storage 630
 - DMS 630
 - introduction 628
 - SMS 630
- Stored procedures 877
- Striping 646
- Strong data typing 250
- Structured data types 549
- Structured type 433
 - alter 437
 - creation 435
- Summary Table 455, 555
 - considerations 458
 - create 456
 - deferred refresh 457
 - immediate refresh 457
 - materialized query table 462
 - user-maintained 460
- Super grouping 416
 - CUBE 421
 - grouping sets 416
 - ROLLUP 419
- SYSADM 187
- SYSCAT 273
- SYSCATSPACE 234
- SYSCTRL 188
- SYSIBM 273
- SYSMAINT 188
- SYSSTAT 272
- System catalog tables 271
 - base tables 273
 - caching 941
 - creation time 272
 - location 272
- System catalog views
 - read-only 273

SYSCAT.DATATYPES 443
SYSCAT.EVENTMONITORS 902
SYSCAT.EVENTS 902
SYSCAT.HIERARCHIES 443
SYSCAT.PACKAGES 1006
SYSCAT.TABLES 443
SYSCAT.TRIGDEP 398
SYSCAT.TRIGGERS 398
updateable 272
System Managed Space (SMS) 229
SYSTEM sampling 426

T

Table
 child 338
 parent 338
Table Editor 60
Table modification 285
 dropping columns 287
 dropping tables 289
Table partitioning 674
 adding partitions 688
 asynchronous index cleanup 695
 computed ranges 683
 considerations 696
 creation 677
 data availability 692
 defining ranges 678, 679
 dropping partitions 693
 implicit bounds 681
 inclusive and exclusive bounds 680
 inserts and updates 679
 mapping to table spaces 685
 multiple column ranges 684
 naming partitions 681
 null values 682
 SET INTEGRITY 690
Table scan 931
Table space 229
 adding containers 671
 catalog 648
 catalog information 669
 containers 637
 creating using the Control Center 658
 definition 629
 design 640
 device and file containers 646
 extentsize 642
 large 633, 642
 listing 667
 maintenance 666
 migration 636
 page size 643
 regular 633, 641
 states 668
 SYSCATSPACE 272
 system catalogs 272
 temporary 642, 648
Tables 228
 child 320
 definition 263
 parent 320
 permanent 228
 size limits 274
 temporary 228, 301
 unqualified reference 556
Task Center 48
Temporary table
 common table expression 361
Temporary table space 648
TEMPSPACE1 234
TERRITORY 259
Test Database Generator 60
Time String (TIME) 247
Timestamp String (TIMESTAMP) 248
Tombstone record 243
Transaction 232, 600
Transfer Ownership 211
Trigger
 after trigger 399
 before trigger 399
 cascading trigger 399
 definition 397
 instead of triggers 401
 SIGNAL 401
 types of 398
 uses of 398
Tuning DB2 940
Type 2 indexes 774
TYPE Predicate 449
TYPE_NAME 448
TYPE_SCHEMA 448
Typed table 433
 creating typed tables 437
 DEREF 447
 dropping 439
 dynamic data type 447
 inserting rows 439
 ONLY clause 441, 442
 OUTER clause 441
 physical implementation 442
 reference columns 444

- scope 444
- selecting rows 440
- SQL functions 447
- TYPE predicate 449
- TYPE_NAME 448
- TYPE_SCHEMA 448
- TYPED_ID 447
- updating and deleting rows 441

Typed view 434, 446

TYPED_ID 447

U

- UCS-2 260
- UDFs 539, 596
 - fenced / not fenced 877
- UDT 227
- Uncommitted read 604
- Unicode 260
- Unicode functions 482
- UNION 362
- Unique key 264
- Unit of work 232, 600
- UPDATE MONITOR SWITCHES 892
- UPDATE statement 369
- User-Defined Functions 345, 539
- User-maintained Summary Tables 460
- USERSPACE1 234
- UTF-8 260
- Utility, *See* command

V

- Varying Length Character String (VARCHAR) 243
- Varying-Length Long Character Strings (LONG VARCHAR) 243
- Views 229, 300
 - cascade option 303
 - CHECK OPTION 301
 - classification 306, 383
 - deletable 384
 - inoperative 305, 386, 394
 - insertable 385
 - modification 305
 - nested view definitions 302
 - read-only 386
 - removing 306
 - row migration 390

- symmetric 301
- system table definition 306
- types 383
- UNION ALL with table spaces 391
- updateable 384
- with UNION ALL 386

Visual Explain 55, 230

- dynamic 930
- interpreting output 930
- invoking 928
- operators 930
- sorting 936

W

- Web Query Tool 60
- Web Tools 48
- WebSphere Federation Server 37
- WebSphere Information Server 37
- Wildcard characters 350

X

- XBSA 810
- XML
 - application considerations 510
 - best practices 518
 - bulk loading of data 511
 - creating tables 501
 - database requirements 500
 - DB2 storage model 495
 - document 498
 - FLWOR expression 517
 - indexes 521
 - inserting values 504
 - pureXML 489
 - query graph model (QGM) 496
 - retrieving data 513
 - schema repository 533
 - serialized 499
 - shredding 492
 - SQL/XML 513
 - storage models 490
 - text indexing 531
 - traditional storage 490
 - updating or deleting records 520
 - white space 509
 - XQuery 516