## **Enterprise Geodatabase System Tables**<sup>7</sup> Spatial type tables and views **Datasets** RASTER COLUMNS SPATIAL REFERENCES<sup>6</sup> **LAYERS** GDB\_Items GDB\_ItemRelationships DB2GSE.ST\_SPATIAL\_REFERENCE\_SYSTEMS<sup>5</sup> ST\_SPATIAL\_REFERENCES4 rastercolumn id (UK)<sup>2</sup> ObjectID <u>srid</u> layer id (UK) **ObjectID** UUID description description description OriginID srs\_name sr\_name database name auth\_name database name<sup>2</sup> Type **DestID** srs\_id srid auth\_srid Type x\_offset table name Name x\_offset <u>owner</u> PhysicalName Attributes table name falsex y\_offset <u>owner</u> x\_scale → falsey Path xyunits raster column spatial column **Properties** y\_offset eflags URL z offset cdate xyunits y\_scale -HO€ layer\_mask config\_keyword **Properties** falsez z\_offset z scale gsize1 Defaults m offset minimum\_id zunits z scale base\_rastercolumn\_id falsem gsize2 DatasetSubtype1 m\_offset m\_scale GDB\_ItemRelationshipTypes rastercolumn\_mask munits gsize3 DatasetSubtype2 m\_scale min\_x srid (FK) xycluster\_tol minx DatasetInfo1 min\_x max\_x OrigitemTypeID zcluster\_tol DatasetInfo2 miny max\_x min\_y DestItemTypeID Definition mcluster\_tol max\_y maxx min\_y Name maxy Documentation max\_y object\_flags min\_z ForwardLabel srtext minz ItemInfo max\_z min\_z Shape BackwardLabel max\_z maxz min m **GEOMETRY COLUMNS IsContainment** max\_m minm min\_m ObjectID maxm max m cs\_id f table catalog cdate coordsys\_name cs\_name f table schema GDB\_ItemTypes layer\_config coordsys\_type cs\_type OBJECT\_IDS4 f table name optimal\_array\_size organization organization **ObjectID** f geometry column org\_coordsys\_id stats\_date organization\_coordsys\_id id type UUID g\_table\_catalog minimum\_id definition definition base\_id **ParentTypeID** g table schema description description object\_type Name g table name **Distributed** base\_layer\_id storage\_type geometry\_type **Geodatabases** SDE. or DBO.ST\_SPATIAL\_REFERENCE\_SYSTEMS coord\_dimension **DBTUNE** ST\_GEOMETRY INDEX SDE\_LAYER\_STATS max\_ppr srs\_id SRID (FK) <u>keyword</u> GDB\_ReplicaLog x\_offset owner (FK) Layer ID parameter name x\_scale table\_name (FK) **Version ID** config\_string y offset column\_name (FK) MinX ReplicalD COLUMN REGISTRY y\_scale index\_ID (FK) MinY **Event** z\_offset **GRID** MaxX **ErrorCode** TABLE\_REGISTRY database name 1 z\_scale SRID (FK) MaxY LogDate table name m\_offset commit int registration id 1 MinZ SourceBeginGen <u>owner</u> m\_scale database\_name (UK) MinM version SourceEndGen column name organization table\_name (UK) status MaxZ **TargetGen** sde\_type organization\_coordsys\_id >O∰ owner (UK) MaxM column\_size rowid\_column **Total Features** decimal\_digits Versioning description **Total Points** description object\_flags Last\_Analyzed object\_flags ST GEOMETRY COLUMNS4 DB2GSE.ST\_GEOMETRY\_COLUMNS registration\_date COMPRESS LOG1\* object\_id STATE LINEAGES config\_keyword table\_schema database name compress id minimum id owner\_name table name lineage name sde\_id imv\_view\_name schema\_name column name <u>lineage id</u> server\_id related id table\_name type\_schema ArcSDE XML direct connect type\_name column\_name LINEAGES MODIFIED compress\_start geometry\_type srs\_name start state count properties srs\_id lineage name SDE\_XML\_INDEX\_TAGS compress\_end time last modified end\_state\_count index id (FK) compress\_status is excluded DB2GSE.ST\_COORDINATE\_SYSTEMS<sup>5</sup> ST\_COORDINATE\_SYSTEM3 **MVTABLES MODIFIED** \*Not created until you coordsys\_name <u>ID</u> compress the geodatabase registration id coordsys\_type name state id (FK) definition SDE\_XML\_INDEXES **VERSIONS** type organization Geodatabase definition name (UK) organization\_coordsys\_id <u>index id</u> organization **Archives** owner (UK) index name (UK) description description owner (UK) **STATES** <u>version id</u> status index\_type SDE\_ARCHIVES state id ST\_SPATIAL\_REFERENCES<sup>3</sup> state\_id description SDE. or DBO.ST GEOMETRY COLUMNS owner description registration id creation\_time <u>SRID</u> parent name table\_schema archiving\_regid closing\_time sr\_name parent\_owner table\_name history\_regid parent state id (UK) x\_offset parent\_version\_id from\_date column name SDE XML COLUMNS lineage\_name (UK) y\_offset creation\_time type\_schema to\_date xyunits archive\_date type\_name registration id z\_offset srs\_id archive\_flags column id z\_scale column\_name (UK) min\_x index\_id (FK) max\_x ST\_GEOMETRY\_COLUMNS<sup>3</sup> minimum\_id min\_y Log Files\* config\_keyword max\_y LOGFILES <u>owner</u> min\_z table name logfile\_name max\_z LOGFILE\_POOL column name LOGDATA <SDE ID> cs\_id (FK) logfile\_id geometry\_type table id cs\_name logfile\_data\_id sde row id geom id cs\_type sde\_id registration id properties organization flags SRID (FK) **System administration** org\_coordsys\_id LOGFILE DATA session tag LOGPOOL <SDE ID> definition logfile\_data\_db logfile data id description logfile\_data\_id logfile\_data\_owner PROCESS\_INFORMATION sde\_row\_id sde\_row\_id logfile\_data\_table INSTANCES<sup>3</sup> sde id instance name \*The LOGFILE\_POOL and LOGPOOL\_<SDE\_ID> tables are the only log file tables stored in the spid (UK) geodatabase administrator's schema. The LOGPOOL\_<SDE\_ID> table (or tables) are not created instance id app\_id <sup>5</sup> unless you set a size other than 0 for the LOGFILEPOOLSIZE in the SERVER\_CONFIG table. creation\_date **LEGEND** audsid 3 sde\_row\_id server\_id Field Required (NOT NULL) -0€ Zero or more status start time time\_last\_modified rcount Unique key Zero or one wcount Locking LAYER\_LOCKS Foreign key opcount Exactly one numlocks OBJECT LOCKS sde id View Table SERVER CONFIG fb\_partial layer id **Schematics Explicit relationship** fb\_count <u>sde id</u> SCH\_DATASET <u>autolock</u> prop name object id fb\_fcount lock type <u>ID</u> char\_prop\_value Primary key fb\_kbytes object type SCH\_RELEASE minx num\_prop\_value **MAJOR** owner application id miny **MAJOR MINOR NOTES** direct\_connect autolock maxx **MINOR** sysname lock type **BUGFIX** maxv 6 Stored in the Public schema 1 Not present in Oracle **BUGFIX** nodename lock\_time **DBNAME VERSION** lock\_time in PostgreSQL **OWNER** xdr\_needed 2 Null in Oracle **MAJOR** NAME STATE\_LOCKS SCH\_UNIQUEID 7 In SQL Server and PostgreSQL, 3 Only present in Oracle MINOR **EXTCLSID** TABLE\_LOCKS tables not prefaced with GDB\_ or TABLES\_MODIFIED **BUGFIX** sde id **SPATIALREF** 4 Only present in PostgreSQL SCH\_ are prefaced with SDE\_. **DESCRIPTION** <u>sde id</u> state id DUMMY **BLOBS**

registration id

lock type

lock time

**5** Only present in DB2

<u>autolock</u>

lock type

lock\_time

table name

time\_last\_modified

**RELEASE** 

SDESVR\_REL\_LOW