IBM DB2 for z/OS Version 8 Catalog

Brought to you by IBM DB2® Tools for z/OS®—they work with the catalog, they work for you

Packages

SYSPACKAGE

Description: one row for every package

>DSNKKX01 LOCATION. COLLID. NAME. VERSION

>DSNKKX02 LOCATION. COLLID. NAME. CONTOKEN

- COLLID VARCHAR(128)
- NAME VARCHAR(128)
- CONTOKEN CHAR(8)
- OWNER VARCHAR(128)
- CREATOR VARCHAR(128)
- TIMESTAMP TIMESTAMP
- BINDTIME TIMESTAMP
- QUALIFIER VARCHAR(128)
- PKSIZE INTEGER
- AVGSIZE INTEGER
- SYSENTRIES SMALLINT
- VALID CHAR(1)
- OPERATIVE CHAR(1)
- VALIDATE CHAR(1)
- ISOLATION CHAR(1)
- RELEASE CHAR(1)
- EXPLAIN CHAR(1)
- QUOTE CHAR(1)
- COMMA CHAR(1)
- HOSTLANG CHAR(1)
- CHARSET CHAR(1)
- MIXED CHAR(1)
- DEC31 CHAR(1)
- QUERYPRIO INTEGER
- SQLERROR CHAR(1)
- REMOTE CHAR(1)
- PCTIMESTAMP TIMESTAMP
- VERSION VARCHAR(122)
- PDSNAME VARCHAR(132)
- DEGREE CHAR(3)
- GROUP_MEMBER VARCHAR(24)
- DYNAMICRULES CHAR(1)
- RECFMTAR CHAR(1)
- DEFERPREPARE CHAR(1)
- KEEPDYNAMIC CHAR(1)
- PATHSCHEMAS VARCHAR(2048)
- TYPE CHAR(1)
- DBPROTOCOL CHAR(1)
- FUNCTIONTS TIMESTAMP
- OPTHINT VARCHAR(128)
- ENCODING_CCSID INTEGER
- IMMEDWRITE CHAR(1)
- RELBOUND CHAR(1)
- REMARKS VARCHAR(550)

SYSPACKSTMT

Description: one or more rows for each statement in a package

>DSNKSX01 LOCATION. COLLID. NAME. CONTOKEN. SEQNO

- COLLID VARCHAR(128)
- NAME VARCHAR(128)
- CONTOKEN CHAR(8)
- SEQNO SMALLINT
- STMTNO SMALLINT
- SECTNO SMALLINT
- BINDERROR CHAR(1)
- VERSION VARCHAR(122)
- STMT CHAR(3000)
- ISOLATION CHAR(1)
- STATUS CHAR(1)
- ACCESSPATH CHAR(1)
- STMTNOI INTEGER
- SECTNOI INTEGER
- EXPLAINABLE CHAR(1)
- QUERYNO INTEGER

SYSPACKLIST

Description: one row for every unique entry in the plan's package list

>DSNKLX01 LOCATION. COLLID. NAME

>DSNKLX02 PLANNAME. SEQNO. LOCATION. COLLID. NAME

- PLANNAME VARCHAR(24)
- SEQNO SMALLINT
- LOCATION VARCHAR(128)
- COLLID VARCHAR(128)
- NAME VARCHAR(128)
- TIMESTAMP TIMESTAMP

SYSPACKAUTH

Description: privileges held by users over packages

>DSNKAX01 GRANTOR. LOCATION. COLLID. NAME

>DSNKAX02 GRANTEE. LOCATION. COLLID. NAME. BINDAUTH. COPYAUTH. EXECUTEAUTH

>DSNKAX03 LOCATION. COLLID. NAME

- GRANTOR VARCHAR(128)
- GRANTEE VARCHAR(128)
- COLLID VARCHAR(128)
- NAME VARCHAR(128)
- TIMESTAMP TIMESTAMP
- GRANTEETYPE CHAR(1)
- AUTHHOWGOT CHAR(1)
- BINDAUTH CHAR(1)
- COPYAUTH CHAR(1)
- EXECUTEAUTH CHAR(1)

SYSPKSYSTEM

Description: one row for each ENABLE or DISABLE environment connection for a given package

>DSNKYX01 LOCATION. COLLID. NAME. CONTOKEN. SYSTEM. ENABLE

- COLLID VARCHAR(128)
- NAME VARCHAR(128)
- CONTOKEN CHAR(8)
- SYSTEM VARCHAR(24)
- ENABLE CHAR(1)
- CNAME VARCHAR(60)

SYSPACKDEP

Description: dependencies of packages on local tables, views, synonyms, table spaces, indexes, aliases, functions, and stored procedures

>DSNKDX01 DLOCATION. DCOLLID. DNAME. DCONTOKEN

>DSNKDX02 BQUALIFIER. BNAME. BTYPE

>DSNKDX03 BQUALIFIER. BNAME. BTYPE. DTYPE

- BNAME VARCHAR(128)
- BQUALIFIER VARCHAR(128)
- BTYPE CHAR(1)
- DCOLLID VARCHAR(128)
- DNAME VARCHAR(128)
- DCONTOKEN CHAR(8)
- DOWNER VARCHAR(128)
- DTYPE CHAR(1)

Indexes

SYSINDEXES

Description: one row for every index

>DSNIXX01 CREATOR. NAME

>DSNIXX02 DBNAME. INDEXSPACE

>DSNIXX03 TBCREATOR. TBNAME. CREATOR. NAME

>DSNIXX04 INDEXTYPE

- NAME VARCHAR(128)
- CREATOR VARCHAR(128)
- TBNAME VARCHAR(128)
- TBCREATOR VARCHAR(128)
- UNIQUERULE CHAR(1)
- COLCOUNT SMALLINT
- CLUSTERING CHAR(1)
- CLUSTERED CHAR(1)
- DBNAME VARCHAR(24)
- INDEXSPACE VARCHAR(24)
- NLEAF INTEGER
- NLEVELS SMALLINT
- BPOOL CHAR(8)
- PGSIZE SMALLINT
- ERASERULE CHAR(1)
- SPACE INTEGER
- CLOSERULE CHAR(1)
- CREATEDBY VARCHAR(128)
- STATSTIME TIMESTAMP
- COLCOUNT0 SMALLINT
- CREATEDTS TIMESTAMP
- INDEXTYPE CHAR(1)
- FIRSTKEYCARDF FLOAT
- FULLKEYCARDF FLOAT
- CREATEDTS TIMESTAMP
- ALTEREDTS TIMESTAMP
- PRECISION INTEGER
- COPY CHAR(1)
- COPYLRSN CHAR(6)
- CLUSTERRATIOF FLOAT
- SPACEF FLOAT(4)
- REMARKS VARCHAR(762)
- PADDED CHAR(1)
- VERSION SMALLINT
- OLDEST_VERSION SMALLINT
- CURRENT_VERSION SMALLINT
- RELCREATED CHAR(1)
- AVGKEYLEN INTEGER

SYSINDEXPART

Description: one row for each nonpartitioned secondary index (NPSI) and for each partition of a partitioning index or a data-partitioned secondary index (DPSI)

>DSNIXP01 ICREATOR. IXNAME. PARTITION

>DSNIXP02 STORNAME

- PARTITION SMALLINT
- IXNAME VARCHAR(128)
- ICREATOR VARCHAR(128)
- PQTY SMALLINT
- SQTY SMALLINT
- STORTYPE CHAR(1)
- STORNAME VARCHAR(128)
- VCATNAME VARCHAR(24)
- LEAFDIST SMALLINT
- FREEPAGE SMALLINT
- PCTFREE SMALLINT
- SPACE INTEGER
- STATSTIME TIMESTAMP
- GBPCACHE CHAR(1)
- FARINDREF INTEGER
- SPACEF FLOAT(4)
- DSNUM INTEGER
- EXTENTS INTEGER
- PSEUDO_DEL_ENTRIES INTEGER
- LEAFNEAR INTEGER
- LEAFFAR INTEGER
- OLDEST_VERSION SMALLINT
- CREATEDTS TIMESTAMP
- AVGKEYLEN INTEGER

SYSKEYS

Description: one row for each column of an index key

>DSNIKX01 ICREATOR. IXNAME. COLNAME

- IXNAME VARCHAR(128)
- ICREATOR VARCHAR(128)
- COLNAME VARCHAR(128)
- COLNO SMALLINT
- COLSEQ SMALLINT
- ORDERING CHAR(1)

Table Spaces

SYSTABLESPACE

Description: one row for each table space

>DSNTSX01 DBNAME. NAME

- NAME VARCHAR(24)
- CREATOR VARCHAR(128)
- DBNAME VARCHAR(24)
- BPOOL CHAR(8)
- PARTITIONS SMALLINT
- LOCKRULE CHAR(1)
- PGSIZE SMALLINT
- ERASERULE CHAR(1)
- STATUS CHAR(1)
- IMPLICIT CHAR(1)
- NTABLES SMALLINT
- NACTIVE INTEGER
- CLOSERULE CHAR(1)
- SPACE INTEGER
- SEGSIZE SMALLINT
- CREATEDBY VARCHAR(128)
- STATSTIME TIMESTAMP
- LOCKMAX INTEGER
- TYPE CHAR(1)
- CREATEDTS TIMESTAMP
- ALTEREDTS TIMESTAMP
- ENCODING_SCHEME CHAR(1)
- SBCS_CCSID INTEGER
- DBCS_CCSID INTEGER
- MIXED_CCSID INTEGER
- MAXROWS SMALLINT
- LOG CHAR(1)
- NACTIVEF FLOAT
- DSSIZE INTEGER
- OLDEST_VERSION SMALLINT
- CURRENT_VERSION SMALLINT
- AVGROWLEN INTEGER
- SPACEF FLOAT

SYSTABLEPART

Description: one row for each nonpartitioned table space and for each partition of a partitioned table space

>DSNDPX01 DBNAME. TSNAME. PARTITION

>DSNDPX02 STORNAME

>DSNDPX03 DBNAME. TSNAME. LOGICAL_PART

- PARTITION SMALLINT
- TSNAME VARCHAR(24)
- DBNAME VARCHAR(24)
- IXNAME VARCHAR(128)
- ICREATOR VARCHAR(128)
- PQTY SMALLINT
- SQTY SMALLINT
- STORTYPE CHAR(1)
- STORNAME VARCHAR(128)
- VCATNAME VARCHAR(24)
- CARD INTEGER
- FARINDREF INTEGER
- NEARINDREF INTEGER
- PERCACTIVE SMALLINT
- PERCDROP SMALLINT
- LIMITKEY VARCHAR(765)
- FREEPAGE SMALLINT
- PCTFREE SMALLINT
- CHECKFLAG CHAR(1)
- SPACE INTEGER
- COMPRESS CHAR(1)
- PAGESAVE SMALLINT
- STATSTIME TIMESTAMP
- GBPCACHE CHAR(1)
- CHECKINDSB CHAR(5)
- TRACKMOD CHAR(1)
- EPOCH INTEGER
- SECQTYI INTEGER
- CARDF FLOAT
- IPREFIX CHAR(1)
- ALTEREDTS TIMESTAMP
- SPACEF FLOAT(8)
- DSNUM INTEGER
- EXTENTS INTEGER
- LOGICAL_PART SMALLINT
- LIMITKEY_INTERNAL VARCHAR(512)
- OLDEST_VERSION SMALLINT
- CREATEDTS TIMESTAMP
- AVGROWLEN INTEGER

SYSRESAUTH

Description: privileges for collections, distinct types, buffer pools, storage groups and table spaces

>DSNAGH01 GRANTEE. QUALIFIER. NAME. OBTYPE

>DSNAGX01 GRANTOR. QUALIFIER. NAME. OBTYPE

- GRANTOR VARCHAR(128)
- GRANTEE VARCHAR(128)
- QUALIFIER CHAR(1)
- NAME VARCHAR(128)
- AUTHHOWGOT CHAR(1)
- OBTYPE CHAR(1)
- USEAUTH CHAR(1)
- GRANTEDTS TIMESTAMP

SYSCOPY

Description: information needed for recovery

>DSNUCH01 DBNAME. TSNAME. START_RBA. TIMESTAMP

>DSNUCX01 DSNAME

- DBNAME CHAR(8)
- TSNAME CHAR(8)
- DSNUM INTEGER
- ICTYPE CHAR(1)
- START_RBA CHAR(6)
- FILESEQNO INTEGER
- DEVTYPE CHAR(4)
- DSNAME CHAR(44)
- SHRLEVEL CHAR(1)
- DSVOLSER VARCHAR(784)
- TIMESTAMP TIMESTAMP
- ICBACKUP CHAR(1)
- ICUNIT CHAR(1)
- STYPE CHAR(1)
- PIT_RBA CHAR(6)
- GROUP_MEMBER CHAR(8)
- CTYPE CHAR(1)
- LOWDSNUM INTEGER
- HIGHDSNUM INTEGER
- COPYPAGESF FLOAT(8)
- NPAGESF FLOAT(8)
- CPAGESF FLOAT(8)
- JOBNAME CHAR(8)
- AUTHID CHAR(8)
- OLDEST_VERSION SMALLINT
- LOGICAL_PART INTEGER

Plans

SYSPLAN

Description: one row for each application plan

>DSNPYH01 NAME

- NAME VARCHAR(24)
- CREATOR VARCHAR(128)
- VALIDATE CHAR(1)
- ISOLATION CHAR(1)
- VALID CHAR(1)
- OPERATIVE CHAR(1)
- PLSIZE INTEGER
- AVGSIZE INTEGER
- ACQUIRE CHAR(1)
- RELEASE CHAR(1)
- EXPLAIN CHAR(1)
- EXPREDICATE CHAR(1)
- BOUNDBY VARCHAR(128)
- QUALIFIER VARCHAR(128)
- CACHESIZE SMALLINT
- PLENTRIES SMALLINT
- DEFERPREP CHAR(1)
- CURRENTSERVER VARCHAR(128)
- DYNAMICRULES CHAR(1)
- RCOUNT CHAR(1)
- KEEPDYNAMIC CHAR(1)
- PATHSCHEMAS VARCHAR(2048)
- DBPROTOCOL CHAR(1)
- FUNCTIONTS TIMESTAMP
- OPTHINT VARCHAR(128)
- ENCODING_CCSID INTEGER
- IMMEDWRITE CHAR(1)
- RELBOUND CHAR(1)
- REMARKS VARCHAR(762)

SYSPLANDEP

Description: dependencies of plans on tables, views, aliases, synonyms, table spaces, indexes, functions, and stored procedures

>DSNDEX01 BCREATOR. BNAME. BTYPE

- BNAME VARCHAR(128)
- BCREATOR VARCHAR(128)
- BTYPE CHAR(1)
- DNAME VARCHAR(24)

SYSDBRM

Description: one row for each DBRM of each application plan

- NAME VARCHAR(24)
- TIMESTAMP CHAR(32)
- PDSNAME VARCHAR(44)
- PLNAME VARCHAR(24)
- PLCREATOR VARCHAR(128)
- QUOTE CHAR(1)
- COMMA CHAR(1)
- HOSTLANG CHAR(1)
- CHARSET CHAR(1)
- MIXED CHAR(1)
- DEC31 CHAR(1)
- VERSION VARCHAR(122)
- PRECOMPTS TIMESTAMP

SYSSTMT

Description: one or more rows for each SQL statement of each DBRM

- NAME VARCHAR(24)
- PLNAME VARCHAR(24)
- PLCREATOR VARCHAR(128)
- SEQNO SMALLINT
- STMTNO SMALLINT
- SECTNO SMALLINT
- TEXT VARCHAR(3800)
- ISOLATION CHAR(1)
- STATUS CHAR(1)
- ACCESSPATH CHAR(1)
- STMTNOI INTEGER
- SECTNOI INTEGER
- EXPLAINABLE CHAR(1)
- QUERYNO INTEGER

SYSPLANAUTH

Description: privileges held by users over application plans

>DSNAPH01 GRANTEE. NAME. EXECUTEAUTH

>DSNAPX01 GRANTOR

- GRANTOR VARCHAR(128)
- GRANTEE VARCHAR(128)
- NAME VARCHAR(24)
- AUTHHOWGOT CHAR(1)
- BINDAUTH CHAR(1)
- EXECUTEAUTH CHAR(1)
- GRANTEDTS TIMESTAMP

SYSPLSYSTEM

Description: one row for each ENABLE or DISABLE environment connection for a given plan

>DSNPY01 NAME. SYSTEM. ENABLE

- NAME VARCHAR(24)
- SYSTEM VARCHAR(24)
- ENABLE CHAR(1)
- CNAME VARCHAR(60)

Columns

SYSCOLUMNS

Description: one row for every column of each table and view

>DSNCX01 TBCREATOR. TBNAME. NAME

>DSNDCX02 TYPESCHEMA. TYPENAME

- NAME VARCHAR(128)
- TBNAME VARCHAR(128)
- TBCREATOR VARCHAR(128)
- COLNO SMALLINT
- COLTYPE CHAR(8)
- LENGTH SMALLINT
- SCALE SMALLINT
- NULLS CHAR(1)
- UPDATES CHAR(1)
- REMARKS VARCHAR(762)
- DEFAULT CHAR(1)
- KEYSEQ SMALLINT
- FOREIGNKEY CHAR(1)
- FLDPROC CHAR(1)
- LABEL VARCHAR(90)
- STATSTIME TIMESTAMP
- DEFAULTVALUE VARCHAR(1536)
- COLSTATUS CHAR(1)
- LENGTH2 INTEGER
- TYPESCHEMA VARCHAR(128)
- TYPENAME VARCHAR(128)
- CREATEDTS TIMESTAMP
- STATS_FORMAT CHAR(1)
- PARTKEY_COLSEQ SMALLINT
- PARTKEY_ORDERING CHAR(1)
- ALTEREDTS TIMESTAMP
- CCSID INTEGER
- HIDDEN CHAR(1)

SYSCOLAUTH

Description: UPDATE or REFERENCES privileges held by users on individual columns

>DSNACX01 CREATOR. TNAME. COLNAME

- GRANTOR VARCHAR(128)
- GRANTEE VARCHAR(128)
- GRANTEETYPE CHAR(1)
- CREATOR VARCHAR(128)
- TNAME VARCHAR(128)
- COLNAME VARCHAR(128)
- COLLID VARCHAR(128)
- PRIVILEGE CHAR(1)
- GRANTEDTS TIMESTAMP

SYSAUXRELS

Description: one row for each auxiliary table created for a LOB column

>DSNDCX01 TBOWNER. TBNAME

>DSNDCX02 AUXTBOWNER. AUXTBNAME

- TBOWNER VARCHAR(128)
- TBNAME VARCHAR(128)
- COLNAME VARCHAR(128)
- PARTITION SMALLINT
- AUXTBOWNER VARCHAR(128)
- AUXTBNAME VARCHAR(128)

Tables

SYSTABLES

Description: one row for each table, view, or alias

>DSNDTX01 CREATOR. NAME

>DSNDTX02 DBID. OBID. CREATOR. NAME

>DSNDTX03 TBCREATOR. TBNAME

- NAME VARCHAR(128)
- CREATOR VARCHAR(128)
- TYPE CHAR(1)
- DBNAME VARCHAR(24)
- TSNAME VARCHAR(24)
- COLCOUNT SMALLINT
- EDPROC VARCHAR(24)
- VALPROC VARCHAR(24)
- CLUSTERTYPE CHAR(1)
- NPAGES INTEGER
- PCTPAGES SMALLINT
- REMARKS VARCHAR(762)
- PARENTS SMALLINT
- CHILDREN SMALLINT
- KEYCOLUMNS SMALLINT
- RECLENGTH SMALLINT
- STATUS CHAR(1)
- LABEL VARCHAR(90)
- CHECKFLAG CHAR(1)
- AUDITING CHAR(1)
- CREATEDBY VARCHAR(128)
- LOCATION VARCHAR(128)
- TBCREATOR VARCHAR(128)
- TBNAME VARCHAR(128)
- ERASERULE CHAR(1)
- ALTEREDTS TIMESTAMP
- DATACAPTURE CHAR(1)
- PCTROWCOMP SMALLINT
- STATSTIME TIMESTAMP
- CHECKS SMALLINT
- CARDF FLOAT
- CHECKRDS8 CHAR(5)
- ENCODING_SCHEME CHAR(1)
- TABLESTATUS VARCHAR(30)
- NPAGESF FLOAT(8)
- SPACEF FLOAT(8)
- AVGROWLEN INTEGER
- RELCREATED CHAR(1)
- NUM_DEP_MQTS SMALLINT
- VERSION SMALLINT
- PARTKEYCOLNUM SMALLINT
- SPLIT_ROWS CHAR(1)
- SECURITY_LABEL CHAR(1)

SYSTABAUTH

Description: privileges held on tables and views

>DSNATX01 GRANTOR

>DSNATX02 GRANTEE. TCREATOR. TTNAME. GRANTEETYPE. UPDATECOLS. ALTERAUTH. DELETEAUTH. INDEXAUTH. INSERTAUTH. SELECTAUTH. UPDATEAUTH. CAPTUREAUTH. REFERENCESAUTH. REFCOLS. TRIGGERAUTH

>DSNATX03 GRANTEE. GRANTEETYPE. COLLID. CONTOKEN

>DSNATX04 TCREATOR. TTNAME

- GRANTOR VARCHAR(128)
- GRANTEE VARCHAR(128)
- GRANTEETYPE CHAR(1)
- DBNAME VARCHAR(24)
- SCREATOR VARCHAR(128)
- STNAME VARCHAR(128)
- TCREATOR VARCHAR(128)
- TTNAME VARCHAR(128)
- AUTHHOWGOT CHAR(1)
- UPDATECOLS CHAR(1)
- ALTERAUTH CHAR(1)
- DELETEAUTH CHAR(1)
- INDEXAUTH CHAR(1)
- INSERTAUTH CHAR(1)
- SELECTAUTH CHAR(1)
- UPDATEAUTH CHAR(1)
- COLLID VARCHAR(128)
- CONTOKEN CHAR(8)
- REFERENCESAUTH CHAR(1)
- REFCOLS CHAR(1)
- GRANTEDTS TIMESTAMP
- TRIGGERAUTH CHAR(1)

Views

SYSVIEWS

Description: one or more rows for each view, materialized query table, or user-defined SQL function

>DSNVVX01 CREATOR. NAME. SEQNO. TYPE

- NAME VARCHAR(128)
- CREATOR VARCHAR(128)
- SEQNO SMALLINT
- CHECK CHAR(1)
- TEXT VARCHAR(1500)
- PATHSCHEMAS VARCHAR(2048)
- RECREATED CHAR(1)
- TYPE CHAR(1)
- REFRESH CHAR(1)
- ENABLE CHAR(1)
- MAINTENANCE CHAR(1)
- REFRESH_TIME TIMESTAMP
- ISOLATION CHAR(1)
- SIGNATURE VARCHAR(1024)
- APP_ENCODING_CCSID INTEGER

SYSVIEWDEP

Description: dependencies of views on tables, functions, and other views

>DSNGVX02 BCREATOR. BNAME. BTYPE

>DSNGXR03 BSCHEMA. BNAME. BTYPE

>DSNGVX04 BCREATOR. BNAME. BTYPE. DTYPE

- BNAME VARCHAR(128)
- BCREATOR VARCHAR(128)
- BTYPE CHAR(1)
- DNAME VARCHAR(128)
- DCREATOR VARCHAR(128)
- BSCHEMA VARCHAR(128)
- DTYPE CHAR(1)

Databases

SYSDATABASE

Description: one row for each database

>DSNDDH01 NAME

>DSNDDX02 GROUP_MEMBER

- NAME VARCHAR(24)
- CREATOR VARCHAR(128)
- STGROUP VARCHAR(128)
- BPOOL CHAR(8)
- CREATEDBY VARCHAR(128)
- TYPE CHAR(1)
- GROUP_MEMBER VARCHAR(24)
- CREATEDTS TIMESTAMP
- ALTEREDTS TIMESTAMP
- ENCODING_SCHEME CHAR(1)
- SBCS_CCSID INTEGER
- DBCS_CCSID INTEGER
- MIXED_CCSID INTEGER
- INDEXBP CHAR(8)

SYSDBAUTH

Description: privileges held by users over databases

>DSNADH01 GRANTEE. NAME

>DSNADX01 GRANTOR. NAME

- GRANTOR VARCHAR(128)
- GRANTEE VARCHAR(128)
- NAME VARCHAR(24)
- AUTHHOWGOT CHAR(1)
- CREATETABAUTH CHAR(1)
- CREATETSAUTH CHAR(1)
- DBADMAUTH CHAR(1)
- DBCTRLAUTH CHAR(1)
- DBMAINTAUTH CHAR(1)
- DISPLAYDBAUTH CHAR(1)
- DROPAUTH CHAR(1)
- IMAGCOPYAUTH CHAR(1)
- LOADAUTH CHAR(1)
- RECRGAUTH CHAR(1)
- RECOVERDBAUTH CHAR(1)
- REPAIRAUTH CHAR(1)
- STARTDBAUTH CHAR(1)
- STATSAUTH CHAR(1)
- STOPAUTH CHAR(1)
- GRANTEDTS TIMESTAMP

Objects

SYSROUTINES

Description: a row for every routine (user-defined function, cast function, or stored procedure)

>DSNOFX01 NAME. PARM COUNT. ROUTINETYPE. PARM. SIGNATURE. PARM1. PARM2. PARM3. PARM4. PARM5. PARM6. PARM7. PARM8. PARM9. PARM10. PARM11. PARM12. PARM13. PARM14. PARM15. PARM16. PARM17. PARM18. PARM19. PARM20. PARM21. PARM22. PARM23. PARM24. PARM25. PARM26. PARM27. PARM28. PARM29. PARM30

>DSNOFX02 SCHEMA. SPECIFICNAME. ROUTINETYPE

>DSNOFX03 NAME. SCHEMA. CAST_ FUNCTION. PARM_ COUNT. PARM_ SIGNATURE. PARM1

>DSNOFX04 ROUTINE_ ID

>DSNOFX05 SOURCESCHEMA. SOURCESPECIFIC. ROUTINETYPE

>DSNOFX06 SCHEMA. NAME. ROUTINETYPE. PARM_ COUNT

>DSNOFX07 NAME. PARM_ COUNT. ROUTINETYPE. SCHEMA. PARM. SIGNATURE. PARM1. PARM2. PARM3. PARM4. PARM5. PARM6. PARM7. PARM8. PARM9. PARM10. PARM11. PARM12. PARM13. PARM14. PARM15. PARM16. PARM17. PARM18. PARM19. PARM20. PARM21. PARM22. PARM23. PARM24. PARM25. PARM26. PARM27. PARM28. PARM29. PARM30

>DSNOFX08 JARSCHEMA. JAR_ ID

- SCHEMA VARCHAR(128)
- OWNER VARCHAR(128)
- NAME VARCHAR(128)
- ROUTINETYPE CHAR(1)
- CREATEDBY VARCHAR(128)
- SPECIFICNAME VARCHAR(128)
- ROUTINEID INTEGER
- RETURN_TYPE INTEGER
- ORIGIN CHAR(1)
- FUNCTION_TYPE CHAR(1)
- PARM_COUNT SMALLINT
- LANGUAGE VARCHAR(24)
- COLLID VARCHAR(128)
- SOURCESCHEMA VARCHAR(128)
- SOURCESPECIFIC VARCHAR(128)
- DETERMINISTIC CHAR(1)
- EXTERNAL_ACTION CHAR(1)
- NULL_CALL CHAR(1)
- CAST_FUNCTION CHAR(1)
- SCRATCHPAD CHAR(1)
- SCRATCHPAD_LENGTH INTEGER
- FINAL_CALL CHAR(1)
- PARALLEL CHAR(1)
- PARAMETER_STYLE CHAR(1)
- FENCED CHAR(1)
- SQL_DATA_ACCESS CHAR(1)
- DBINFO CHAR(1)
- STAYRESIDENT CHAR(1)
- ASUTIME INTEGER
- WLM_ENVIRONMENT VARCHAR(454)
- WLM_ENV_FOR_NESTED CHAR(1)
- RESULT_SETS SMALLINT
- EXTERNAL_SECURITY CHAR(1)
- COMMIT_ON_RETURN CHAR(1)
- RESULT_SETS SMALLINT
- LOBCOLUMNS SMALLINT
- CREATEDTS TIMESTAMP
- ALTEREDTS TIMESTAMP
- EXTERNAL_NAME VARCHAR(762)
- RUNOPTS VARCHAR(762)
- REMARKS VARCHAR(762)
- JAVA_SIGNATURE VARCHAR(3072)
- CLASS VARCHAR(384)
- JARSCHEMA VARCHAR(128)
- JAR_ID VARCHAR(128)
- SPECIAL_REGS CHAR(1)
- NUM_DEP_MQTS SMALLINT
- MAX_FAILURE SMALLINT
- PARAMETER_CCSID INTEGER

SYSROUTINEAUTH

Description: privileges held by users on routines (user-defined function, cast function, or stored procedure)

>DSNOAX01 GRANTOR. SCHEMA. SPECIFICNAME. ROUTINETYPE. GRANTEETYPE. EXECUTEAUTH

>DSNOAX02 GRANTEE. SCHEMA. SPECIFICNAME. ROUTINETYPE. GRANTEETYPE. EXECUTEAUTH. GRANTEDTS

>DSNOAX03 SCHEMA. SPECIFICNAME. ROUTINETYPE

- GRANTOR VARCHAR(128)
- GRANTEE VARCHAR(128)
- SCHEMA VARCHAR(128)
- SPECIFICNAME VARCHAR(128)
- GRANTEETS TIMESTAMP
- ROUTINETYPE CHAR(1)
- GRANTEETYPE CHAR(1)
- AUTHHOWGOT CHAR(1)
- EXECUTEAUTH CHAR(1)
- COLLID VARCHAR(128)
- CONTOKEN CHAR(8)

SYSSCHEMAAUTH

Description: one or more rows for each user granted a privilege on a particular schema

>DSNSKX01 GRANTEE. SCHEMANAME

>DSNSKX02 GRANTOR

- GRANTOR VARCHAR(128)
- GRANTEE VARCHAR(128)
- SCHEMANAME VARCHAR(128)
- AUTHHOWGOT CHAR(1)
- CREATEAUTH CHAR(1)
- ALTERAUTH CHAR(1)
- DROPAUTH CHAR(1)
- GRANTEDTS TIMESTAMP

SYSTRIGGERS

Description: one row for each trigger

>DSNOTX01 SCHEMA. NAME. SEQNO

>DSNOTX02 TBOWNER. TBNAME

>DSNOTX03 SCHEMA. TRIGNAME

- NAME VARCHAR(128)
- SCHEMA VARCHAR(128)
- SEQNO SMALLINT
- OWNER VARCHAR(128)
- CREATEDBY VARCHAR(128)
- TBNAME VARCHAR(128)
- TBOWNER VARCHAR(128)
- TRIGTIME CHAR(1)
- TRIGEVENT CHAR(1)
- GRANULARITY CHAR(1)
- CREATEDTS TIMESTAMP
- TEXT VARCHAR(60000)
- REMARKS VARCHAR(762)

SYSDATATYPES

Description: one row for each distinct type defined

>DSNODX01 SCHEMA. NAME

>DSNODX02 DATATYPEID

- SCHEMA VARCHAR(128)
- NAME VARCHAR(128)
- OWNER VARCHAR(128)
- CREATEDBY VARCHAR(128)
- SOURCESCHEMA VARCHAR(128)
- SOURCETYPE VARCHAR(128)
- METATYPE CHAR(1)
- LENGTH INTEGER
- SCALE SMALLINT
- SUBTYPE CHAR(1)
- CREATEDTS TIMESTAMP
- ENCODING_SCHEME CHAR(1)
- REMARKS VARCHAR(762)

Sysuserauth

SYSUSERAUTH

Description: system privileges held by users

>DSNAUH01 GRANTEE. GRANTEDTS

>DSNAUX02 GRANTOR

- GRANTOR VARCHAR(128)
- GRANTEE VARCHAR(128)
- AUTHHOWGOT CHAR(1)
- BINDAGENTAUTH CHAR(1)
- BSDSAUTH CHAR(1)
- CREATEDBAUTH CHAR(1)
- CREATEDBCAUTH CHAR(1)
- CREATESGAUTH CHAR(1)
- DISPLAYUTH CHAR(1)
- RECOVERYAUTH CHAR(1)
- STOPALLAUTH CHAR(1)
- STOPDBAUTH CHAR(1)
- SYSADMAUTH CHAR(1)
- SYSOPRAUTH CHAR(1)
- TRACEAUTH CHAR(1)
- MONAUTH CHAR(1)
- MONITOR1 CHAR(1)
- MONITOR2 CHAR(1)
- CREATEALIASAUTH CHAR(1)
- SYSCTLRAUTH CHAR(1)
- BINDAGENTAUTH CHAR(1)
- ARCHIVEAUTH CHAR(1)
- GRANTEDTS TIMESTAMP
- CREATEMTABAUTH CHAR(1)

Sysdummy1

SYSDUMMY1

Description: one row, used for SQL statements in which a table reference is required

- IBMREQD CHAR(1)

Constraints

SYSCHECKS

Description: one row for each check constraint

>DSNKCX01 TBOWNER. TBNAME. CHECKNAME

- TBOWNER VARCHAR(128)
- CREATOR VARCHAR(128)
- TIMESTAMP TIMESTAMP
- RBA CHAR(8)
- TBNAME VARCHAR(128)
- CHECKNAME VARCHAR(128)
- CHECKCONDITION VARCHAR(7600)

SYSCHECKS2

Description: one row for each table check constraint for catalog tables created in V7 or later

>DSNCKX01 TBOWNER. TBNAME. CHECKNAME

- TBOWNER VARCHAR(128)
- TBNAME VARCHAR(128)
- CHECKNAME VARCHAR(128)
- PATHSCHEMAS VARCHAR(2048)

SYSCHECKDEP

Description: one row for each reference to a column in a check constraint

>DSNDCX01 TBOWNER. TBNAME. CHECKNAME. COLNAME

- TBOWNER VARCHAR(128)
- TBNAME VARCHAR(128)
- CHECKNAME VARCHAR(128)
- COLNAME VARCHAR(128)

SYSTABCONST

Description: one row for each unique constraint (primary key or unique key) created in V7 or later

>DSNCKX01 TBCREATOR. TBNAME. CONSTNAME

>DSNCKX02 DBOWNER. TXNAME

- CONSTNAME VARCHAR(128)
- TBCREATOR VARCHAR(128)
- TBNAME VARCHAR(128)
- CREATOR VARCHAR(128)
- TYPE CHAR(1)
- DBOWNER VARCHAR(128)
- CREATEDTS TIMESTAMP
- COLCOUNT SMALLINT

SYSCONSTDEP

Description: dependencies on check constraints or user-defined defaults for a column

>DSNCCX01 BSCHEMA. BNAME. BTYPE

>DSNCCX02 DTBCREATOR. DTBNAME

- BNAME VARCHAR(128)
- BSCHEMA VARCHAR(128)
- BTYPE CHAR(1)
- DTBNAME VARCHAR(128)
- DTBCREATOR VARCHAR(128)
- DCONSTNAME VARCHAR(128)
- DTYPE CHAR(1)

SYSKEYCOLUSE

Description: one row for every column in a unique constraint

>DSNCUX01 TBCREATOR. TBNAME. CONSTNAME. COLSEQ

- CONSTNAME VARCHAR(128)
- TBCREATOR VARCHAR(128)
- TBNAME VARCHAR(128)
- COLNAME VARCHAR(128)
- COLSEQ SMALLINT
- COLNO SMALLINT

SYSRELS

Description: one row for every referential constraint

>DSNDLX01 REFTBCREATOR. REFTBNAME

>DSNDLX02 CREATOR. TBNAME

- CREATOR VARCHAR(128)
- TBNAME VARCHAR(128)
- RELNAME VARCHAR(128)
- REFTBNAME VARCHAR(128)
- REFTBCREATOR VARCHAR(128)
- COLCOUNT SMALLINT
- DELETERULE CHAR(1)
- TIMESTAMP TIMESTAMP
- IXOWNER VARCHAR(128)
- IXNAME VARCHAR(128)
- ENFORCED CHAR(1)
- CHECKEXISTINGDATA CHAR(1)

SYSFOREIGNKEYS

Description: one row for every column of every foreign key

>DSNDRH01 CREATOR. TBNAME. RELNAME

- CREATOR VARCHAR(128)
- TBNAME VARCHAR(128)
- RELNAME VARCHAR(128)
- COLNAME VARCHAR(128)
- COLNO SMALLINT
- COLSEQ SMALLINT

Sequences

SYSSEQUENCES

Description: one row for each identity column or user-defined sequence

>DSNSQX01 SCHEMA. NAME

>DSNSQX02 SEQUENCEID

- SCHEMA VARCHAR(128)
- OWNER VARCHAR(128)
- NAME VARCHAR(128)
- SEQTYPE CHAR(1)
- SEQUENCEID INTEGER
- CREATEDBY VARCHAR(128)
- INCREMENT DECIMAL(31,0)
- START DECIMAL(31,0)
- MAXVALUE DECIMAL(31,0)
- MINVALUE DECIMAL(31,0)
- CYCLE CHAR(1)
- CACHE INTEGER
- ORDER CHAR(1)
- CREATEDTS TIMESTAMP
- ALTEREDTS TIMESTAMP
- MAXASSIGNEDVAL DECIMAL(31,0)
- REMARKS VARCHAR(762)
- PRECISION SMALLINT
- RESTARTWITH DECIMAL(31,0)

SYSSEQUENCEAUTH

Description: privileges held by users over sequences

>DSNNCX01 SCHEMA. NAME

>DSNNCX02 GRANTOR. SCHEMA. NAME

>DSNNCX03 GRANTEE. SCHEMA. NAME

- GRANTOR VARCHAR(128)
- GRANTEE VARCHAR(128)
- SCHEMA VARCHAR(128)
- NAME VARCHAR(128)
- G