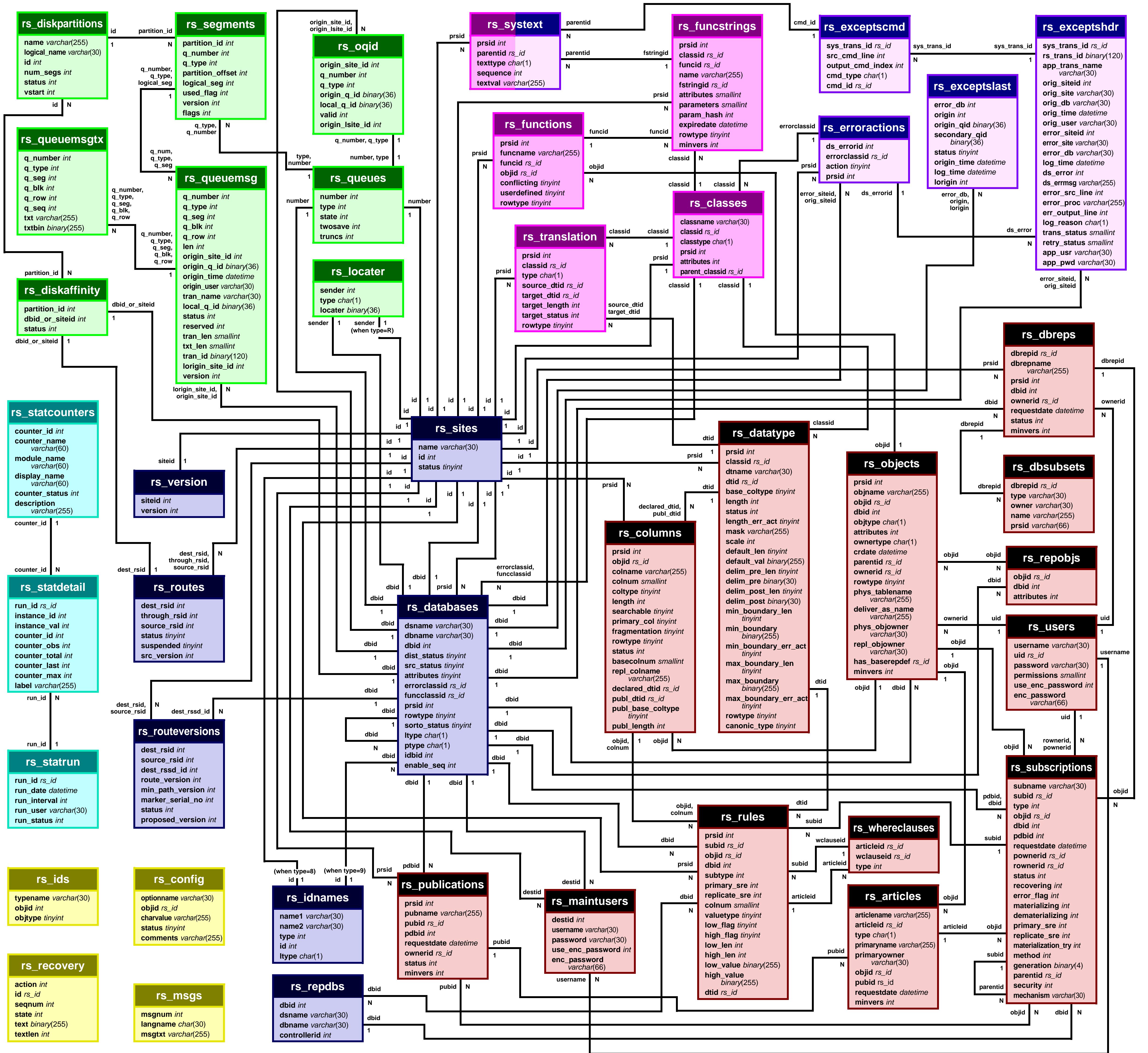# Sybase® Replication Server®

System Tables Diagram

Sybase Replication Server System Tables Diagram, an entity relationship diagram for Sybase Replication Server 15.1

SYBASE®

MLG part number DC70003-01-1510-01

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rs_diskpartitions
- name varchar(255)
- logical_name varchar(30)
- id int
- num_segs int
- status int
- vstart int

rs_segments
- partition_id int
- q_number int
- q_type int
- partition_offset int
- logical_seg int
- used_flag int
- version int
- flags int

rs_oqid
- origin_site_id int
- q_number int
- q_type int
- origin_q_id binary(36)
- local_q_id binary(36)
- valid int
- origin_lsite_id int

rs_systext
- prsid int
- parentid rs_id
- texttype char(1)
- sequence int
- textval varchar(255)

rs_funcstrings
- prsid int
- classid rs_id
- funcid rs_id
- name varchar(255)
- fstringid rs_id
- attributes smallint
- parameters smallint
- param_hash smallint
- expiredate datetime
- rowtype tinyint
- minvers int

rs_exceptscmd
- sys_trans_id rs_id
- src_cmd_line int
- output_cmd_index int
- cmd_type char(1)
- cmd_id rs_id

rs_exceptshdr
- sys_trans_id rs_id
- rs_trans_id binary(120)
- app_trans_name varchar(30)
- orig_siteid int
- orig_site varchar(30)
- orig_db varchar(30)
- orig_time datetime
- orig_user varchar(30)
- error_siteid int
- error_site varchar(30)
- error_db varchar(30)
- log_time datetime
- ds_error int
- ds_errmsg varchar(255)
- error_src_line int
- error_proc varchar(255)
- err_output_line int
- log_reason char(1)
- trans_status smallint
- retry_status smallint
- app_usr varchar(30)
- app_pwd varchar(30)

rs_functions
- prsid int
- funcname varchar(255)
- funcid rs_id
- objid rs_id
- conflicting tinyint
- userdefined tinyint
- rowtype tinyint

rs_erroractions
- ds_errorid int
- errorclassid rs_id
- action tinyint
- prsid int

rs_exceptslast
- error_db int
- origin int
- origin_qid binary(36)
- secondary_qid binary(36)
- status tinyint
- origin_time datetime
- log_time datetime
- lorigin int

rs_classes
- classname varchar(30)
- classid rs_id
- classtype char(1)
- prsid int
- attributes int
- parent_classid rs_id

rs_translation
- prsid int
- classid rs_id
- type char(1)
- source_dtid rs_id
- target_dtid rs_id
- target_length int
- target_status int
- rowtype tinyint

rs_queuemsgtx
- q_number int
- q_type int
- q_seg int
- q_blk int
- q_row int
- q_seq int
- txt varchar(255)
- txtbin binary(255)

rs_queuemsg
- q_number int
- q_type int
- q_seg int
- q_blk int
- q_row int
- len int
- origin_site_id int
- origin_q_id binary(36)
- origin_time datetime
- origin_user varchar(30)
- tran_name varchar(30)
- local_q_id binary(36)
- status int
- reserved int
- tran_len smallint
- txt_len smallint
- tran_id binary(120)
- lorigin_site_id int
- version int

rs_queues
- number int
- type int
- state int
- twosave int
- truncs int

rs_locater
- sender int
- type char(1)
- locater binary(36)

rs_diskaffinity
- partition_id int
- dbid_or_siteid int
- status int

rs_statcounters
- counter_id int
- counter_name varchar(60)
- module_name varchar(60)
- display_name varchar(60)
- counter_status int
- description varchar(255)

rs_version
- siteid int
- version int

rs_sites
- name varchar(30)
- id int
- status tinyint

rs_statdetail
- run_id rs_id
- instance_id int
- instance_val int
- counter_id int
- counter_obs int
- counter_total int
- counter_last int
- counter_max int
- label varchar(255)

rs_routes
- dest_rsid int
- through_rsid int
- source_rsid int
- status tinyint
- suspended tinyint
- src_version int

rs_routeversions
- dest_rsid int
- source_rsid int
- dest_rssd_id int
- route_version int
- min_path_version int
- marker_serial_no int
- status int
- proposed_version int

rs_statrun
- run_id rs_id
- run_date datetime
- run_interval int
- run_user varchar(30)
- run_status int

rs_databases
- dsname varchar(30)
- dbname varchar(30)
- dbid int
- dist_status int
- src_status tinyint
- attributes tinyint
- errorclassid rs_id
- funcclassid rs_id
- prsid int
- rowtype tinyint
- sorto_status tinyint
- ltype char(1)
- ptype char(1)
- idbid int
- enable_seq int

rs_datatype
- prsid int
- classid rs_id
- dtname varchar(30)
- dtid rs_id
- base_coltype tinyint
- length int
- status int
- length_err_act tinyint
- mask varchar(255)
- scale int
- default_len tinyint
- default_val binary(255)
- delim_pre_len tinyint
- delim_pre binary(30)
- delim_post_len tinyint
- delim_post binary(30)
- min_boundary_len
- min_boundary binary(255)
- min_boundary_err_act tinyint
- max_boundary_len
- max_boundary binary(255)
- max_boundary_err_act tinyint
- rowtype tinyint
- canonic_type tinyint

rs_columns
- prsid int
- objid rs_id
- colname varchar(255)
- colnum smallint
- coltype tinyint
- length int
- searchable tinyint
- primary_col tinyint
- fragmentation tinyint
- rowtype tinyint
- status int
- basecolnum smallint
- repl_colname varchar(255)
- declared_dtid rs_id
- publ_dtid rs_id
- publ_base_coltype tinyint
- publ_length int

rs_objects
- prsid int
- objname varchar(255)
- objid rs_id
- dbid int
- objtype char(1)
- attributes int
- ownertype char(1)
- crdate datetime
- parentid rs_id
- ownerid rs_id
- rowtype tinyint
- phys_tablename varchar(255)
- deliver_as_name varchar(255)
- phys_objowner varchar(30)
- repl_objowner varchar(30)
- has_baserepdef rs_id
- minvers int

rs_dbreps
- dbrepid rs_id
- dbrepname varchar(255)
- prsid int
- dbid int
- ownerid rs_id
- requestdate datetime
- status int
- minvers int

rs_dbsubsets
- dbrepid rs_id
- type varchar(30)
- owner varchar(30)
- name varchar(255)
- prsid varchar(66)

rs_repobjs
- objid rs_id
- dbid int
- attributes int

rs_users
- username varchar(30)
- uid rs_id
- password varchar(30)
- permissions smallint
- use_enc_password int
- enc_password varchar(66)

rs_subscriptions
- subname varchar(30)
- subid rs_id
- type int
- objid rs_id
- dbid int
- pdbid int
- requestdate datetime
- pownerid rs_id
- rownerid rs_id
- status int
- recovering int
- error_flag int
- materializing int
- dematerializing int
- primary_sre int
- replicate_sre int
- materialization_try int
- method int
- generation binary(4)
- parentid rs_id
- security int
- mechanism varchar(30)

rs_rules
- prsid int
- subid rs_id
- objid rs_id
- dbid int
- subtype int
- primary_sre int
- replicate_sre int
- colnum smallint
- valuetype tinyint
- low_flag int
- high_flag tinyint
- low_len int
- high_len int
- low_value binary(255)
- high_value binary(255)
- dtid rs_id

rs_whereclauses
- articleid rs_id
- wclauseid rs_id
- type int

rs_articles
- articlename varchar(255)
- articleid rs_id
- type char(1)
- primaryname varchar(255)
- primaryowner varchar(30)
- objid rs_id
- pubid rs_id
- requestdate datetime
- minvers int

rs_ids
- typename varchar(30)
- objid int
- objtype tinyint

rs_config
- optionname varchar(30)
- objid rs_id
- charvalue varchar(255)
- status tinyint
- comments varchar(255)

rs_idnames
- name1 varchar(30)
- name2 varchar(30)
- type int
- id int
- ltype char(1)

rs_publications
- prsid int
- pubname varchar(255)
- pubid rs_id
- pdbid int
- requestdate datetime
- ownerid rs_id
- status int
- minvers int

rs_maintusers
- destid int
- username varchar(30)
- password varchar(30)
- use_enc_password int
- enc_password varchar(66)

rs_recovery
- action int
- id rs_id
- seqnum int
- state int
- text binary(255)
- textlen int

rs_msgs
- msgnum int
- langname char(30)
- msgtxt varchar(255)

rs_repdbs
- dbid int
- dsname varchar(30)
- dbname varchar(30)
- controllerid int

Key

- **Definitions & Subscriptions**
- **Exceptions**
- **Functions & Classes**
- **Performance Monitoring**
- **Queues**
- **Routes & Connections**
- **Miscellaneous**

The lines represent key relationships and potentially useful joins. The column names for the relationships appear above or to the left of the lines, and the type of relationship (1:1, 1:N, N:N) appears below or to the right of the lines. A comma separating column names means that the relationship requires both columns.

Information in this document is subject to change without notice.