Enumeration Type Documentation

enum RsslDataStates

See also:
RsslState

Enumerator:

RSSL_DATA_NO_CHANGE	(0) No change to the data state. (Typically used when code and text need to be conveyed, for **RsslRefreshMsg** and **RsslStatusMsg**, actual state of OK or SUSPECT should be used when available)
RSSL_DATA_OK	(1) Data is Ok (indicates that all data associated with the stream is healthy and current)
RSSL_DATA_SUSPECT	(2) Data is Suspect (similar to a stale data state, indicates that the health of some or all data associated with the stream is out of date or cannot be confirmed that it is current)

Definition at line **50** of file **rsslState.h**.

enum RsslStateCodes

See also:
RsslState

Enumerator:

RSSL_SC_NONE	(0) No state code
RSSL_SC_NOT_FOUND	(1) Not found (indicates that requested information was not found, it may become available at a later time or by changing some of the requested parameters)
RSSL_SC_TIMEOUT	(2) Timeout (indicates that a timeout has occurred somewhere in the system while processing requested information)
RSSL_SC_NOT_ENTITLED	(3) Not entitled (indicates that the request has been denied due to a permissioning issue)
RSSL_SC_INVALID_ARGUMENT	(4) Invalid argument (indicates that a parameter on the request was invalid or unrecognized somewhere within the system)
RSSL_SC_USAGE_ERROR	(5) Usage Error (indicates an invalid usage within the system)
RSSL_SC_PREEMPTED	(6) Preempted (indicates the stream has been pre-empted, possibly by a caching device)
RSSL_SC_JIT_CONFLATION_STARTED	(7) Conflation started (indicates that Just-In-Time Conflation has begun on the stream, user should be notified when JIT Conflation ends via an RSSL_SC_REALTIME_RESUMED code)
RSSL_SC_REALTIME_RESUMED	(8) Realtime resumed (indicates that Just-In-Time Conflation has completed on the stream)
RSSL_SC_FAILOVER_STARTED	(9) Failover started (indicates that a component has begun recovery due to a failover condition, user should be notified when recovery due to failover is completed via an RSSL_SC_FAILOVER_COMPLETED code)
RSSL_SC_FAILOVER_COMPLETED	(10) Failover completed (indicates that recovery from failover condition has been completed)

RSSL_SC_GAP_DETECTED	(11) Gap detected (indicates that gap has been detected between messages, this may have been detected via an external reliability mechanism (e.g. transport) or may have been detected using the seqNum present on the UPA messages)
RSSL_SC_NO_RESOURCES	(12) No resources (indicates that there are no resources available to accommodate the stream)
RSSL_SC_TOO_MANY_ITEMS	(13) Too many items open (indicates that a request cannot be processed because there are too many other streams already open)
RSSL_SC_ALREADY_OPEN	(14) Item already open (indicates that a stream is already open on the connection for the requested information)
RSSL_SC_SOURCE_UNKNOWN	(15) Unknown source (indicates that requested service is not known, service may become available at a later point in time)
RSSL_SC_NOT_OPEN	(16) Not open (indicates that the stream is not opened) (17) Reserved (18) Reserved
RSSL_SC_NON_UPDATING_ITEM	(19) Item was requested as streaming but does not update
RSSL_SC_UNSUPPORTED_VIEW_TYPE	(20) View Type requested is not supported for this domain
RSSL_SC_INVALID_VIEW	(21) An invalid view was requested
RSSL_SC_FULL_VIEW_PROVIDED	(22) Although a view was requested, the full view is being provided
RSSL_SC_UNABLE_TO_REQUEST_AS_BATCH	(23) Although a batch of items were requested, the batch was split into individual request messages (24) Reserved (25) Reserved
RSSL_SC_NO_BATCH_VIEW_SUPPORT_IN_REQ	(26) Request does not support batch and view
RSSL_SC_EXCEEDED_MAX_MOUNTS_PER_USER	(27) Login rejected, exceeded maximum number of mounts per user
RSSL_SC_ERROR	(28) Internal error from sender.
RSSL_SC_DACS_DOWN	(29) A21: Connection to DACS down, users are not allowed to connect"
RSSL_SC_USER_UNKNOWN_TO_PERM_SYS	(30) User unknown to permissioning system, it could be DACS, AAA or EED
RSSL_SC_DACS_MAX_LOGINS_REACHED	(31) Maximum logins reached.
RSSL_SC_DACS_USER_ACCESS_TO_APP_DENIED	(32) The application is denied access to the system (33) Reserved
RSSL_SC_GAP_FILL	(34) Content is intended to fill a recognized gap
RSSL_SC_APP_AUTHORIZATION_FAILED	(35) Application Authorization Failed
RSSL_SC_MAX_RESERVED	(127) Max reserved value

Definition at line **62** of file **rsslState.h**.

enum RsslStreamStates

See also:
RsslState

Enumerator:

RSSL_STREAM_UNSPECIFIED	(0) Unspecified (Used as a structure initialization value and is not intended to be encoded or decoded)
RSSL_STREAM_OPEN	(1) Stream is open (typically implies that information will be streaming, as information changes updated information will be

	sent on the stream, after final **RsslRefreshMsg**or **RsslStatusMsg**)
RSSL_STREAM_NON_STREAMING	(2) Request was non-streaming (after final **RsslRefreshMsg**or **RsslStatusMsg** is received, the stream will be closed and no updated information will be delivered without subsequent re-request)
RSSL_STREAM_CLOSED_RECOVER	(3) Closed, the applications may attempt to re-open the stream later (can occur via either an **RsslRefreshMsg**or an **RsslStatusMsg**)
RSSL_STREAM_CLOSED	(4) Closed (indicates that the data is not available on this service/connection and is not likely to become available)
RSSL_STREAM_REDIRECTED	(5) Closed and Redirected (indicates that the current stream has been closed and has new identifying information, the user can issue a new request for the data using the new message key information contained in the redirect message)

Definition at line **36** of file **rsslState.h**.