

Table and Column Definitions Report

Filename:	h:\tempforests\CRS_TAB_COL.pdf
Run by:	CASEOWNER
Report Date:	October 27, 2009 10:04 AM
Total Pages:	18
Total Tables / Views / Materialized Views:	17

Parameters

Workarea:	GLOBAL SHARED WORKAREA
Container:	CRS
Table / View / Materialized View:	%
Include Tables?	Y
Include Views?	Y
Include Materialized Views?	Y
Data Structure Diagram:	%
Exclude Prefix:	
Include Table / View / MV Descriptions?	Y
Include Table / View / MV Comments?	N
Include Column Descriptions?	Y
Include Column Comments?	N
Include Column Notes?	Y
Include Unique Constraints?	Y
Include Foreign Key Constraints?	Y
Include Check Constraints?	Y
Include Indexes?	Y

Table: CRS_BOOKMARK*Description:*

A bookmark is a reference indicator to a Report based on a user's preference.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 2	USERNAME A User's Login name	NOT NULL	VARCHAR2(100)
* 12	REPORT_DEFINITION_DATA_ID Unique Key	NOT NULL	NUMBER(10,0)

Foreign Keys:

CB_RDD_FK
REPORT_DEFINITION_DATA_ID = REPORT_DEFINITION_DATA.REPORT_DEFINITION_DATA_ID

Indexes:

CB_RDD_FK_I
REPORT_DEFINITION_DATA_ID

Table: CRS_MIME_TYPE_CODE*Description:*

A code used to describe the report output format types that a report can be generated as. e.g. CSV, PDF, RTF

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CRS_MIME_TYPE_CODE A code used to describe the report output format types that a report can be generated as. e.g. CSV, PDF, RTF	NOT NULL	VARCHAR2(3)
2	DESCRIPTION A description of the code value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE Date when the code is valid	NOT NULL	DATE
4	EXPIRY_DATE Date when the code will expire.	NOT NULL	DATE
5	UPDATE_TIMESTAMP Date the code was last updated.	NOT NULL	DATE

Table: CRS_PROCESS_LIMIT_CODE*Description:*

An Estimate of the processing time required to perform this operation.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CRS_PROCESS_LIMIT_CODE A code representing an estimate of the processing time required to perform this operation.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION A description of of the code value.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE Date the code value is effective.	NOT NULL	DATE
4	EXPIRY_DATE Date the code value will expire.	NOT NULL	DATE
5	UPDATE_TIMESTAMP Date the code was last updated.	NOT NULL	DATE

Table: CRS_REPORT_DELIVERY_OPTION*Description:*

An association between a Report Delivery code with a Process Limit Code.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CRS_PROCESS_LIMIT_CODE A code representing an estimate of the processing time required to perform this operation.	NOT NULL	VARCHAR2(3)
* 2	REPORT_DELIVERY_CODE A code identifying the delivery of the output report, e.g. Direct, Email, FTP.	NOT NULL	VARCHAR2(3)
3	SORT_ORDER The order by which delivery codes will be listed by.	NOT NULL	NUMBER

Foreign Keys:

CRDO_CPLC_FK

CRS_PROCESS_LIMIT_CODE = CRS_PROCESS_LIMIT_CODE.CRS_PROCESS_LIMIT_CODE

CRDO_RDC_FK

REPORT_DELIVERY_CODE = REPORT_DELIVERY_CODE.REPORT_DELIVERY_CODE

Indexes:

CRDO_CPLC_FK_I

CRS_PROCESS_LIMIT_CODE

CRDO_RDC_FK_I

REPORT_DELIVERY_CODE

Table: CRS_REPORT_OUTPUT_FORMAT*Description:*

Provides a list of valid output formats for a given report.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	REPORT_DEFINITION_DATA_ID Unique Key	NOT NULL	NUMBER(10,0)
* 2	ORDINAL_ID Identifies the order to display output formats for a report.	NOT NULL	NUMBER(10,0)
3	MIME_TYPE_CODE A code used to describe the report output format types that a report can be generated as. e.g. CSV, PDF, RTF	NOT NULL	VARCHAR2(3)
4	DEFAULT_IND Identifies the default mime type for a report format.	NOT NULL	VARCHAR2(1)

Foreign Keys:

CROF_CMTC_FK

MIME_TYPE_CODE = CRS_MIME_TYPE_CODE.CRS_MIME_TYPE_CODE

CROF_RDD_FK

REPORT_DEFINITION_DATA_ID = REPORT_DEFINITION_DATA.REPORT_DEFINITION_DATA_ID

Indexes:

CROF_CMTC_FK_I

MIME_TYPE_CODE

CROF_RDD_FK_I

REPORT_DEFINITION_DATA_ID

Table: CRS_REPORT_PARAMETER*Description:*

Stores Information to display the parameter used in each report in the Crystal Reports Web Reporting App. Parameters request value fields are displayed in the web site according to the data in this table.

The Parameters values are passed to the reports by the user through the web interface.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	REPORT_DEFINITION_DATA_ID Unique Key	NOT NULL	NUMBER(10,0)
* 2	ORDINAL_ID Ordinal Parameter Id -- Beginning with Zero	NOT NULL	NUMBER(10,0)
3	PARAMETER_TYPE_ID Unique identifier.	NOT NULL	NUMBER(10,0)
4	PARAMETER_NAME Stored Procedure Parameter Name	NULL	VARCHAR2(255)
5	PROMPT_TEXT Prompting text to display beside pulldown menu	NULL	VARCHAR2(255)
6	DEFAULT_VALUE DEFAULT_VALUE	NULL	VARCHAR2(255)
7	REQUIRED_IND Indicates whether a User must enter value for this Parameter or Not, i.e. is Null an acceptable value	NOT NULL	VARCHAR2(1)
8	PROMPT_INDENT_IND Indicates whether a Prompt should be indented.	NOT NULL	VARCHAR2(1)
9	HELP_TXT Explains what the parameter is and how it is used.	NULL	VARCHAR2(255)
15	PROCEDURE_PARAMETER_IND Indicates whether the parameter is used by the procedure and the report (Y) or just the report.	NOT NULL	VARCHAR2(1)
16	PARAMETER_MAX_CHARACTER Specifies the maximum number of characters that the parameter can accept as input.	NOT NULL	NUMBER(10,0)
17	PARAMETER_DISPLAY_LENGTH Specifies the size (number of pixels) of the parameter to be displayed on the screen.	NOT NULL	NUMBER(10,0)
18	PARAMETER_ROW_POSITION Specifies the row position in a grid in which to display the report parameter.	NOT NULL	NUMBER(10,0)
19	PARAMETER_COLUMN_POSITION Specifies the column position in a grid in which to display the report parameter.	NOT NULL	NUMBER(10,0)

Foreign Keys:

CRP_RDD_FK
REPORT_DEFINITION_DATA_ID = REPORT_DEFINITION_DATA.REPORT_DEFINITION_DATA_ID
CRP_RPT_FK
PARAMETER_TYPE_ID = REPORT_PARAMETER_TYPE.PARAMETER_TYPE_ID

Indexes:

CRP_RDD_FK_I
REPORT_DEFINITION_DATA_ID
CRP_RPT_FK_I
PARAMETER_TYPE_ID

Table: CRS_REPORT_SUBREPORT*Description:*

Stores the names and data on sub-reports that are defined with in a Report on the Reports Web Reporting Application.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	REPORT_DEFINITION_DATA_ID Unique Key	NOT NULL	NUMBER(10,0)
* 2	REPORT_SUBREPORT_ID Unique identifier for the sub-report.	NOT NULL	NUMBER(10,0)
3	SUBREPORT_NAME The name of a subreport object that is contained in a Report.	NULL	VARCHAR2(100)
4	LOGIN_PROMPT_CNT The number of database connections used in a subreport.	NULL	NUMBER(10,0)

For each database object a subreport access, a connection is required. i.e. if a subreport queries 3 tables, 3 connections are required.

For each connection to the database that a subreport requires, the username and password must be passed in for that connection.

In most cases, a subreport will call a stored procedure. A stored procedure requires only 1 connection, so this value will almost always be 1.

Foreign Keys:

CRS_RDD_FK
REPORT_DEFINITION_DATA_ID = REPORT_DEFINITION_DATA.REPORT_DEFINITION_DATA_ID

Indexes:

CRS_RDD_FK_I
REPORT_DEFINITION_DATA_ID

Table: REPORT_CATEGORY*Description:*

Contains heirarchy data of reporting categories. This table is used to organize the reporting menu allowing users to drill down throught various reporting categories.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	CATEGORY_ID	NOT NULL	NUMBER(10,0)
	Uniquely identifies a category used to organize or group reports.		
2	CATEGORY_ID_PARENT	NULL	NUMBER(10,0)
	Uniquely identifies a category used to organize or group reports.		
3	CATEGORY_NAME	NULL	VARCHAR2(50)
	Descriptive name for a category or report grouping.		
4	STATUS_CODE	NULL	VARCHAR2(3)
	Controls selection / access to a report category. ie. ACT/DSB (Active/Disabled)		

Foreign Keys:

RC_RC_GROUPED_BY_FK
CATEGORY_ID_PARENT = REPORT_CATEGORY.CATEGORY_ID

Indexes:

RC_RC_GROUPED_BY_FK_I
CATEGORY_ID_PARENT

Table: REPORT_DEFINITION_DATA*Description:*

Table used to control the displaying of Reports on the Reports Web Reporting Application. There is one record in this table for every report file in the Web Reporting App.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	REPORT_DEFINITION_DATA_ID	NOT NULL	NUMBER(10,0)
	Unique Key		
20	REPORT_CODE	NOT NULL	VARCHAR2(50)
	Ministry Code -- Manually Assigned Eg. CRS-SLV-12345		
30	REPORT_DESC	NULL	VARCHAR2(255)
	Description / Long Title		
40	CATEGORY_ID	NOT NULL	NUMBER(10,0)
	Uniquely identifies a category used to organize or group reports.		
50	REPORT_LOGIN_PROMPT_CNT	NULL	NUMBER(10,0)
	Number of Login Prompts. Needed for WCS to know how many times to pass user id and password (for subreports)		
60	REPORT_VIRTUAL_PATH	NULL	VARCHAR2(255)
	Web Server Path and File Name /reports/CRS_SLV_12345.rpt		
70	REPORT_STORED_PROC	NULL	VARCHAR2(255)
	Name of primary stored procedure used by this report		
80	STATUS_CODE	NOT NULL	VARCHAR2(3)
	ACT/DSB (Active/Disabled)		
90	REPORT_AUTHOR	NULL	VARCHAR2(50)
	The name of the person who created the Report file. There is no formatting on the name, it is a free form text field.		
100	EXTERNAL_SUBMIT_URL	NULL	VARCHAR2(255)
	Holds a URL that will lead to a separate Parameter Entry Screen outside of the CRSRM Application		
	If EXTERNAL_SUBMIT_URL has a value, a REPORT_VIRTUAL_PATH is not required		
110	REPORT_GROUP_ACTION_CODE	NULL	VARCHAR2(50)
	Action Code used to Group Reports according to the Application		
120	REPORT_VALIDATION_PROC	NULL	VARCHAR2(255)
	A function that validates the parameter values entered for this report.		
130	REPORT_BUSINESS_DESC	NULL	VARCHAR2(4000)
	An explanation of the Business uses for this Report		
140	REPORT_TECHNICAL_DESC	NULL	VARCHAR2(4000)
	A Description of the operation of this Report including the parameter values and correct combination of input expected.		
150	CRS_PROCESS_LIMIT_CODE	NOT NULL	VARCHAR2(3)
	A code representing an estimate of the processing time required to perform this operation.		
160	HELP_URL	NULL	VARCHAR2(255)
	An URL link that points to help information for the report.		

Foreign Keys:

RDD_CPLC_FK
 CRS_PROCESS_LIMIT_CODE = CRS_PROCESS_LIMIT_CODE.CRS_PROCESS_LIMIT_CODE
 RDD_RC_FK
 CATEGORY_ID = REPORT_CATEGORY.CATEGORY_ID
 RDD_RGAC_FK
 REPORT_GROUP_ACTION_CODE = REPORT_GROUP_ACTION_CODE.REPORT_GROUP_ACTION_CODE

Indexes:

RDD_CPLC_FK_I
 CRS_PROCESS_LIMIT_CODE
 RDD_RC_FK_I
 CATEGORY_ID
 RDD_RGAC_FK_I
 REPORT_GROUP_ACTION_CODE

Table: REPORT_DELIVERY_CODE*Description:*

The Delivery methods available when processing a report.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	REPORT_DELIVERY_CODE A code identifying the delivery of the output report, e.g. Direct, Email, FTP.	NOT NULL	VARCHAR2(3)
2	DESCRIPTION A description of the report delivery code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE Date the code is effective.	NOT NULL	DATE
4	EXPIRY_DATE Date the code will expiry.	NOT NULL	DATE
5	UPDATE_TIMESTAMP Date when the code was last updated.	NOT NULL	DATE

Table: REPORT_GROUP_ACTION_CODE*Description:*

Provides Action Codes used to group reports according to the Application

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	REPORT_GROUP_ACTION_CODE Action Code used to Group Reports according to the Application	NOT NULL	VARCHAR2(50)
2	DESCRIPTION Description of the Action Code used to Group Reports according to the Application	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE Date when the code is effective.	NOT NULL	DATE
4	EXPIRY_DATE Date when the code will expire.	NOT NULL	DATE
5	UPDATE_TIMESTAMP Date the code was last updated.	NOT NULL	DATE

Table: REPORT_GROUP_PARAMETER*Description:*

A parameter table used to store various parameters used in creating CRS reports for a specific report group. For example a URL parameter to link to mapview maps for a FTA report.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	REPORT_GROUP_ACTION_CODE Action Code used to Group Reports according to the Application	NOT NULL	VARCHAR2(50)
* 2	REPORT_PARAMETER_TYPE_CODE A code identifying the delivery of the output report, e.g. Direct, Email, FTP.	NOT NULL	VARCHAR2(15)
* 3	REPORT_PARAMETER_ID An identifier for a report parameter value within a specific report group and report parameter type.	NOT NULL	NUMERIC(2)
4	REPORT_PARAMETER_VALUE The value of the parameter for the report group and parameter type. For a parameter type of URL this will be the URL linking the report to mapview. For a report type of PREFIX this would be for example RAN, the prefix for a Range type tenure.	NOT NULL	VARCHAR2(2000)
5	REPORT_PARAMETER_DESCRIPTION A description for the parameter. For example a URL for Mapview.	NOT NULL	VARCHAR2(120)

Foreign Keys:

RGP_RGAC_FK
REPORT_GROUP_ACTION_CODE = REPORT_GROUP_ACTION_CODE.REPORT_GROUP_ACTION_CODE

RGP_RPTC_FK
REPORT_PARAMETER_TYPE_CODE =
REPORT_PARAMETER_TYPE_CODE.REPORT_PARAMETER_TYPE_CODE

Indexes:

RGAC_FK_I
REPORT_GROUP_ACTION_CODE

RPTC_FK_I
REPORT_PARAMETER_TYPE_CODE

Table: REPORT_LOG_ENTRY*Description:*

Used to record a log entry each time a report is run in the Reports Web Reporting App.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	REPORT_DEFINITION_DATA_ID Unique Key	NOT NULL	NUMBER(10,0)
* 2	REPORT_LOG_ENTRY_ID Unique identifier for the log entry.	NOT NULL	NUMBER(10,0)
3	RUN_FORMAT Selected Output Format	NULL	VARCHAR2(12)
5	USERID Userid of report requestor.	NULL	VARCHAR2(25)
6	DOMAIN The domain of the userid.	NULL	VARCHAR2(25)
7	RUN_DATE Timestamp.	NOT NULL	DATE

Foreign Keys:

RLE_RDD_FK
REPORT_DEFINITION_DATA_ID = REPORT_DEFINITION_DATA.REPORT_DEFINITION_DATA_ID

Indexes:

RLE_RDD_FK_I
REPORT_DEFINITION_DATA_ID

Table: REPORT_LOG_ENTRY_PARAMETER*Description:*

Used to record the parameters entered when a user runs a report in the Reports Web Reporting App. Used by the Reports Web Reporting App.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	REPORT_DEFINITION_DATA_ID Unique Key	NOT NULL	NUMBER(10,0)
* 2	REPORT_LOG_ENTRY_ID Unique identifier for the log entry.	NOT NULL	NUMBER(10,0)
* 3	REPORT_LOG_ENTRY_PARAMETER_ID Unique identifier.	NOT NULL	NUMBER(10,0)
4	RUN_PARAMETER_NAME Stored Procedure Parameter Name	NULL	VARCHAR2(255)
5	RUN_PARAMETER_VALUE Specified Value for Parameter	NULL	VARCHAR2(255)

Foreign Keys:

RLEP_RLE_FK

REPORT_DEFINITION_DATA_ID = REPORT_LOG_ENTRY.REPORT_DEFINITION_DATA_ID

REPORT_LOG_ENTRY_ID = REPORT_LOG_ENTRY.REPORT_LOG_ENTRY_ID

Indexes:

RLEP_RLE_FK_I

REPORT_DEFINITION_DATA_ID

REPORT_LOG_ENTRY_ID

Table: REPORT_PARAMETER_PULLDOWN_MENU*Description:*

Stores the information the Crystal Reporting Web needs to create a pull down menu as a parameter input. This allows the user to enter a parameter value from a pre-determined list.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	PARAMETER_TYPE_ID Unique identifier.	NOT NULL	NUMBER(10,0)
* 2	OPTION_INDEX Position of This option in list (starts at zero)	NOT NULL	NUMBER(10,0)
3	OPTION_VALUE Value Text <OPTION VALUE="value">label</OPTION>	NOT NULL	VARCHAR2(50)
4	OPTION_LABEL Label Text <OPTION VALUE="value">label</OPTION>	NULL	VARCHAR2(50)
5	DEFAULT_IND Default Indicator <OPTION VALUE="value" SELECTED>label</OPTION>	NOT NULL	VARCHAR2(1)

Foreign Keys:

RPPM_RPT_FK
PARAMETER_TYPE_ID = REPORT_PARAMETER_TYPE.PARAMETER_TYPE_ID

Indexes:

RPPM_RPT_FK_I
PARAMETER_TYPE_ID

Table: REPORT_PARAMETER_TYPE*Description:*

Stores the type of parameter used. (e.g. String, Date, Number, pulldown)

The parameter type information is used in the Web Reporting App. The App has a number of built-in parameter types, and also has a framework for creating custom ad-hoc pulldowns.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	PARAMETER_TYPE_ID Unique identifier.	NOT NULL	NUMBER(10,0)
2	PARAMETER_TYPE_NAME Name seen by administrator when selecting a datatype for report parameters	NOT NULL	VARCHAR2(50)
3	CLASSIFICATION BUILT-IN / TABLE BASED / CUSTOM	NOT NULL	VARCHAR2(12)
4	SEAGATE_TYPE_CODE Seagate's Data Type (Used By ASP Reports) 12 = Text, 7 = Number	NULL	NUMBER(10,0)
5	DEFAULT_VALUE Default Value.	NULL	VARCHAR2(255)
6	STORED_PROC The name of the Oracle Procedure used to generate the pull-down menu.	NULL	VARCHAR2(255)
7	FIELD_SIZE Holds the maximum number of allowable characters for this Parameter	NULL	NUMBER(5,0)
8	TEXT_PATTERN Holds a Valid Text Pattern to indicate what type of String a User can enter, eg AAAXXX999	NULL	VARCHAR2(255)
	A - Alphabetic X - AlphaNumeric 9 - Numeric		
9	CHARACTER_SET Stores the Data Type for this Parameter Type (Alphabetic, Numeric, or AlphaNumeric)	NULL	VARCHAR2(20)
10	MULTI_SELECT_IND Indicates for a list of values, whether a user can select more than 1 value.	NOT NULL	VARCHAR2(1)

Table: REPORT_PARAMETER_TYPE_CODE*Description:*

Holds codes to identify the delivery type of the output report, e.g. Direct, Email, FTP.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	REPORT_PARAMETER_TYPE_CODE A code identifying the delivery of the output report, e.g. Direct, Email, FTP.	NOT NULL	VARCHAR2(15)
2	DESCRIPTION A description of the report delivery code.	NOT NULL	VARCHAR2(120)
3	EFFECTIVE_DATE Date the code is effective.	NOT NULL	DATE
4	EXPIRY_DATE Date the code will expiry.	NOT NULL	DATE
5	UPDATE_TIMESTAMP Date when the code was last updated.	NOT NULL	DATE