Perceptive DataWarehouse HCCI

Reference Guide

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Written by: Product Knowledge, R&D
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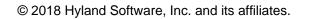
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Perceptive DataWarehouse HCCI Documentation

The PerceptiveDataWarehouseHCCI DDL provides the data warehouse components for the Healthcare Capture and Indexing Solution. This script should be run only after the Core DDL script has successfully been run to create the Perceptive Data Warehouse and the core components. When running the script, the following tables are created in the warehouse.

Table Name	Purpose
HCCI_ACTION_D*	Action dimension
HCCI_BATCH_D*	Batch dimension
HCCI_BATCH_TYPE_D*	Batch type dimension
HCCI_BC_BATCH_ACTION_F	Batch action fact
HCCI_BC_BATCH_JOB_TR	Batch job trigger
HCCI_BC_BATCH_TP	Batch throughput
HCCI_BC_BATCH_USER_STEP_TP	Batch user step throughput
HCCI_BC_DOC_ACTION_F	Document action fact
HCCI_BC_ORIGIN_D*	Origin dimension
HCCI_BC_PAGE_ACTION_F	Page action fact
HCCI_BC_SOURCE_D*	Source dimension
HCCI_BC_STEP_D*	Step dimension
HCCI_RC_BATCH_ACTION_F	Record correction batch action fact
HCCI_RC_DOC_ACTION_F	Record correction documentation fact
HCCI_RC_PAGE_ACTION_F	Record correction page action fact
HCCI_RC_REASON_D*	Reason dimension
HCCI_SOLUTION_D*	Solution dimension

* In these dimension tables, the first two rows in the table are reserved for the Not Applicable and Not Found items. Not Applicable items are those which are processed by the ETL job but do not apply to the dimension. In contrast, the Not Found items are those that are processed but the ETL job is unable to find a match when looking up the values. Both of these instances should be rarities rather than the norm.

Table prefixes

Table prefixes for this DDL are understood as follows:

- `HCCI_BC_*` = Batch Capture solution specific table.
- `HCCI_RC_*` = Records Correction solution specific table
- `HCCI_*` = Cross solution table

HCCI_ACTION_D

The action dimension provides action attribute information for all fact and throughput tables. When the PerceptiveDataWarehouse_HCCI DDL script is run, it populates the HCCI_ACTION_D table with several predefined actions from the Perceptive Experience client. If new actions become available, they are added as new rows to the dimension table.

Column definitions for the HCCI_BC_ACTION_D table

Column Name	Purpose	Example
HCCI_ACTION_D_KEY	Primary key used to identify the unique action	13
ACTION_NAME	The action name in string format	Copied From

HCCI_BATCH_D

The batch dimension stores attribute information on all batch-based data that comes from Perceptive Experience to the warehouse. As new batches become available, they are added as new rows to the dimension table.

Column definitions for the HCCI_BATCH_D table

Column Name	Purpose	Example
HCCI_BATCH_D_KEY	Primary key used to identify the unique batch record	19
BATCH_ID	The Batch ID in string format. If a batch has been modified, there can be multiple rows with the same BATCH_TYPE_ID	321YZ84_0002W1SJF0000E
BATCH_NAME	Batch name in string format	00123

HCCI_BATCH_TYPE_D

The batch type dimension stores attribute information on all batch type based data that comes from Perceptive Experience to the warehouse. As new batches become available, they are added as new rows to the dimension table.

Column definitions for the HCCI_BATCH_TYPE_D table

Column Name	Purpose	Example
HCCI_BATCH_TYPE_D_KEY	Primary key used to identify the unique batch record	19
BATCH_TYPE_ID	The Batch Type ID in string format. If a batch type has been modified, there can be multiple rows with the same BATCH_TYPE_ID	321YZ85_000305Z2Y0000TN
BATCH_TYPE_NAME	The Batch Type Name in string format.	Batch1

HCCI_BC_BATCH_ACTION_F

Each row of the batch action fact table records an action that was taken on the batch and which user initiated that action. This implies that one batch can consist of one row or multiple rows of data in this table depending on the number of actions taken on the batch. For example, a user opens a batch to view the contents. The following information is recorded in the warehouse.

Column Name	Value
HCCI_BATCH_D_KEY	22
HCCI_BC_STEP_D_KEY	6
HCCI_ACTION_D_KEY	17 <- indicates a Batch Opened action
CORE_DATE_D_KEY_UTC	20150805
CORE_TIME_D_KEY_UTC	150642

The user then closes the batch and performs no other actions. The following information is recorded.

Column Name	Value
HCCI_BATCH_D_KEY	22
HCCI_BC_STEP_D_KEY	6
HCCI_ACTION_D_KEY	18 <- indicates a Batch Closed action
CORE_DATE_D_KEY_UTC	20150805
CORE_TIME_D_KEY_UTC	152245

Column definitions for the HCCI_BC_BATCH_ACTION_F table

Column Name	Purpose	Reference Table	Example
HCCI_BATCH_D_KEY	Reference key used to identify the batch in which the action was taken	HCCI_BATCH_D	20
HCCI_BATCH_TYPE_D_KEY	Reference key used to identify the batch type	HCCI_BATCH_TYPE_D	3
CORE_USER_D_KEY	Reference key used to identify the user who took the action	CORE_USER_D	1
HCCI_BC_STEP_D_KEY	Reference key used to identify the step in which the action was taken	HCCI_BC_STEP_D	4
HCCI_BC_ORIGIN_D_KEY	Reference key used to identify the origin in which the action was taken	HCCI_BC_ORIGIN_D	3
HCCI_SOLUTION_D_KEY	Reference key used to identify the solution in which the action was taken	HCCI_SOLUTION_D	3
HCCI_ACTION_D_KEY	Reference key used to identify the action taken	HCCI_ACTION_D	18
CORE_DATE_D_KEY_UTC	Reference key used to identify the date the action was taken (UTC)	CORE_DATE_D	20150805

Column Name	Purpose	Reference Table	Example
CORE_TIME_D_KEY_UTC	Reference key used to identify the time the action was taken (UTC)	CORE_TIME_D	144616
CORE_DATE_D_KEY_LOCAL	Reference key used to identify the date the action was taken (local time)	CORE_DATE_D	20150805
CORE_TIME_D_KEY_LOCAL	Reference key used to identify the time the action was taken (local time)	CORE_TIME_D	94616
ACTION_DATETIME_LOCAL	A date timestamp for the action taken (local time)	--	2015-08-05 09:46:16.8460000 -05:00

HCCI_BC_BATCH_JOB_TR

The batch trigger table is a processing table used to house data temporarily for processing more complex jobs. After those jobs have successfully completed processing, the rows are removed from the table. If there are ever issues during the processing of a job, the ERROR_DURING_PROCESSING flag is set so that further investigation can be done and the data can be reprocessed later. This table does not connect into the star schema as with the rest of the tables.

Column definitions for the HCCI_BC_BATCH_JOB_TR table

Column Name	Purpose	Example
BATCH_TRIGGER_KEY	Primary key used to identify the unique batch trigger record	10312
JOB_TYPE_ID	Indicates which job is responsible for processing the row	2
HCCI_BATCH_D_KEY	Reference key used to identify the batch	10034
HCCI_BC_ORIGIN_D_KEY	Reference key used to identify the origin	4

Column Name	Purpose	Example
HCCI_SOLUTION_D_KEY	Reference key used to identify the solution	3
IS_PROCESSING	A flag that indicates if the row is ready for processing (1) or not (0)	0
ERROR_DURING_PROCESSING	A flag that indicates if the row encountered an error (1) or not (0)	0

HCCI_BC_BATCH_TP

The Batch Throughput table provides aggregated metrics on the flow of the batch through the lifecycle of the process. Each row will be updated multiple times during the course of its life until the batch is eventually submitted. For example, when the batch is created, the "clock" starts and the BATCH_DURATION_SECONDS begins to increment. If the batch is sent to another step, all relevant columns update with fresh information. After the batch is submitted as the last step, the BATCH_DURATION_SECONDS "clock" stops and all stop date/time fields are updated.

Column definitions for the HCCI_BC_BATCH_TP table

Column Name	Purpose	Reference Table	Example
HCCI_BC_BATCH_TP_KEY	Primary key used to identify the unique document record	--	10019
BATCH_ID	The Batch ID in string format.	--	321YZ85_0002 ZVZ2Y0000KX
BATCH_DURATION_SECONDS	Metric that indicates how long (in seconds) the batch has been in a processing state	--	90
BATCH_IDLE_TIME_SECONDS	Metric that indicates how long (in seconds) the batch has been in a non-working state	--	35
BATCH_WORKING_SECONDS	Metric that indicates how long (in seconds) the batch has been open in a working state	--	55

Column Name	Purpose	Reference Table	Example
USERS_COUNT	Metric that indicates how many users have performed an action on the batch	--	1
PAGE_COUNT_IN	Metric that indicates how many pages were processed in for the batch	--	6
PAGE_COUNT_OUT	Metric that indicates how many pages were processed out for the batch	--	6
DOCUMENT_COUNT_IN	Metric that indicates how many documents were processed in for the batch	--	1
DOCUMENT_COUNT_OUT	Metric that indicates how many documents were processed out for the batch	--	1
STEP_COUNT	Metric that indicates how many steps the batch were processed through	--	3
ACTIONS_COUNT	Metric that indicates the number of actions performed on the batch, page and document	--	77
HCCI_BC_ORIGIN_D_KEY	Reference key used to identify the origin	HCCI_BC_ORIGIN_D	3
HCCI_SOLUTION_D_KEY	Reference key used to identify the solution	HCCI_SOLUTION_D	3
START_CORE_DATE_D_KEY_UTC	Reference key used to identify the date the batch was created (UTC)	CORE_DATE_D	20150805

Column Name	Purpose	Reference Table	Example
START_CORE_TIME_D_KEY_UTC	Reference key used to identify the time the batch was created (UTC)	CORE_TIME_D	194256
STOP_CORE_DATE_D_KEY_UTC	Reference key used to identify the date the batch was submitted (UTC). If batch is still being processed, key value will be 2 for "Not Found"	CORE_DATE_D	20150805
STOP_CORE_TIME_D_KEY_UTC	Reference key used to identify the time the batch was submitted (UTC). If batch is still being processed, key value will be 0 for "Not Found"	CORE_TIME_D	194426
START_CORE_DATE_D_KEY_LOCAL	Reference key used to identify the date the batch was created (local time)	CORE_DATE_D	20150805
START_CORE_TIME_D_KEY_LOCAL	Reference key used to identify the time the batch was created (local time)	CORE_TIME_D	144256
STOP_CORE_DATE_D_KEY_LOCAL	Reference key used to identify the date the batch was submitted (local time). If batch is still being processed, key value will be 2 for "Not Found"	CORE_DATE_D	20150805
STOP_CORE_TIME_D_KEY_LOCAL	Reference key used to identify the time the batch was submitted (local time). If batch is still being processed, key value will be 0 for "Not Found"	CORE_TIME_D	144426

HCCI_BC_BATCH_USER_STEP_TP

The Batch User Step Throughput table provides aggregated metrics on the flow of the batch for each user as it progresses step by step through the lifecycle of the process. One batch may have multiple rows in this table indicating each step of the process. Each row will be updated multiple times until the batch is eventually processed out of the step. For example, when the batch enters the QA step, the "clock" starts and the USER_STEP_DURATION_SECONDS begins to increment. When the batch is processed out to the next step, a count of all document and page actions is made and recorded, and the USER_STEP_DURATION_SECONDS "clock" stops and all stop date/time fields are updated for that step.

Column definitions for the HCCI_BC_BATCH_USER_STEP_TP table

Column Name	Purpose	Reference Table	Example
HCCI_BC_BATCH_USER_STEP_TP _KEY	Primary key used to identify the unique document record	--	10080
BATCH_ID	The Batch ID in string format.	--	321YZ86_0002Z VZ2Y00010L
CORE_USER_D_KEY	Reference key used to identify the user who took the action	CORE_USER_D	1002
HCCI_BC_STEP_D_KEY	Reference key used to identify the step in which the action was taken	HCCI_BC_STEP_D	4
HCCI_SOLUTION_D_KEY	Reference key used to identify the solution in which the action was taken	HCCI_SOLUTION_D	3
HCCI_BC_ORIGIN_D_KEY	Reference key used to identify the origin in which the action was taken	HCCI_BC_ORIGIN_D	4
START_CORE_DATE_D_KEY_UTC	Reference key used to identify the date the batch was processed in the step (UTC)	CORE_DATE_D	20150806
START_CORE_TIME_D_KEY_UTC	Reference key used to identify the time the batch was processed in the step (UTC)	CORE_TIME_D	142331

Column Name	Purpose	Reference Table	Example
STOP_CORE_DATE_D_KEY_UTC	Reference key used to identify the date the batch was processed out of the step (UTC)	CORE_DATE_D	20150806
STOP_CORE_TIME_D_KEY_UTC	Reference key used to identify the time the batch was processed out of the step (UTC)	CORE_TIME_D	142425
START_CORE_DATE_D_KEY_LOCAL	Reference key used to identify the date the batch was processed in the step (local time)	CORE_DATE_D	20150806
START_CORE_TIME_D_KEY_LOCAL	Reference key used to identify the time the batch was processed in the step (local time)	CORE_TIME_D	92331
STOP_CORE_DATE_D_KEY_LOCAL	Reference key used to identify the date the batch was processed out of the step (local time)	CORE_DATE_D	20150806
STOP_CORE_TIME_D_KEY_LOCAL	Reference key used to identify the time the batch was processed out of the step (local time)	CORE_TIME_D	92425
PAGE_COUNT_IN	Metric that indicates how many pages were processed in for the step	--	3
PAGE_COUNT_OUT	Metric that indicates how many pages were processed out for the step	--	4
DOCUMENT_COUNT_IN	Metric that indicates how many documents were processed in for the step	--	1

Column Name	Purpose	Reference Table	Example
DOCUMENT_COUNT_OUT	Metric that indicates how many documents were processed out for the step	--	3
PAGES_ADDED	Metric that indicates how many pages were added during the step	--	1
PAGES_REMOVED	Metric that indicates how many pages were removed during the step	--	0
DOCUMENTS_ADDED	Metric that indicates how many documents were added during the step	--	2
DOCUMENTS_REMOVED	Metric that indicates how many documents were removed during the step	--	0
USER_STEP_DURATION_SECONDS	Metric that indicates how long (in seconds) the batch has been in a processing state for that step by that user	--	54

HCCI_BC_DOC_ACTION_F

Each row of the document action fact table records an action that was taken on the document and which user initiated the action. This implies that one document can consist of one row or multiple rows of data in this table depending on the number of actions taken on the document. For example, a user deletes a document prior to sending the batch with the remaining document to the next step. The following information is recorded in the warehouse.

Column Name	Value
CORE_DOC_D_KEY	20030
CORE_USER_D_KEY	1003
HCCI_BC_STEP_D_KEY	5

Column Name	Value
HCCI_ACTION_D_KEY	6 <- indicates a Deleted action
CORE_DATE_D_KEY_UTC	20150817
CORE_TIME_D_KEY_UTC	135224

The user then clicks the send to next step button for the batch or document. The following information is recorded.

Column Name	Value
CORE_DOC_D_KEY	20029
CORE_USER_D_KEY	1003
HCCI_BC_STEP_D_KEY	5
HCCI_ACTION_D_KEY	5 ← indicates a Processed Out action
CORE_DATE_D_KEY_UTC	20150817
CORE_TIME_D_KEY_UTC	135617

Column definitions for the HCCI_BC_DOC_ACTION_F table

Column Name	Purpose	Reference Table	Example
CORE_DOC_D_KEY	Reference key used to identify the document in which the action was taken	CORE_DOC_D	10055
HCCI_BATCH_D_KEY	Reference key used to identify the batch	HCCI_BATCH_D	10020
CORE_DOC_TYPE_D_KEY	Reference key used to identify the document type	CORE_DOC_TYPE_D	3
CORE_USER_D_KEY	Reference key used to identify the user who performed the action	CORE_USER_D	1002
HCCI_BC_STEP_D_KEY	Reference key used to identify the step in which the action was taken	HCCI_BC_STEP_D	5

Column Name	Purpose	Reference Table	Example
HCCI_BC_ORIGIN_D_KEY	Reference key used to identify the origin in which the action was taken	HCCI_BC_ORIGIN_D	4
HCCI_SOLUTION_D_KEY	Reference key used to identify the solution in which the action was taken	HCCI_SOLUTION_D	3
CORE_DATE_D_KEY_UTC	Reference key used to identify the date the action was taken (UTC)	CORE_DATE_D	20150805
CORE_TIME_D_KEY_UTC	Reference key used to identify the time the action was taken (UTC)	CORE_TIME_D	194350
CORE_DATE_D_KEY_LOCAL	Reference key used to identify the date the action was taken (local time)	CORE_DATE_D	20150805
CORE_TIME_D_KEY_LOCAL	Reference key used to identify the time the action was taken (local time)	CORE_TIME_D	144350
HCCI_ACTION_D_KEY	Reference key used to identify the action taken	HCCI_ACTION_D	3
ACTION_DATETIME_LOCAL	A date timestamp for the action taken (local time)	--	2015-08-05 14:43:50.1130000 0 -05:00

HCCI_BC_ORIGIN_D

The origin dimension provides origin attribute information for all batch capture fact and throughput tables. When new origins become available, they are added as new rows to the dimension table.

Column definitions for the HCCI_BC_ORIGIN_D table

Column Name	Purpose	Example
HCCI_BC_ORIGIN_D_KEY	Primary key used to identify the unique origin	3
ORIGIN_NAME	The origin name in string format	HIM | East

HCCI_BC_PAGE_ACTION_F

Each row of the page action fact table records an action that was taken on the page and which user initiated that action. This implies that one page can consist of one row or multiple rows of data in this table depending on the number of actions taken on the page. For example, a user selects one page from a document and clicks the Copy button in the toolbar to create a new document with a copy of that page. The following rows of information are recorded in the warehouse.

Column Name	Value
PAGE_ID	321YZ8J_00037DEY3000023
CORE_USER_D_KEY	1003
CORE_DOC_D_KEY	20032
HCCI_ACTION_D_KEY	13 ← indicates a Copied From action
CORE_DATE_D_KEY_UTC	20150817
CORE_TIME_D_KEY_UTC	145156

A copy of the page is made and inserted into a new document.

Column Name	Value
PAGE_ID	321YZ8J_00037DEY3000023
CORE_USER_D_KEY	1003
CORE_DOC_D_KEY	20033
HCCI_ACTION_D_KEY	14 ← indicates a Copied To action

Column Name	Value
CORE_DATE_D_KEY_UTC	20150817
CORE_TIME_D_KEY_UTC	145156

Column definitions for the HCCI_BC_PAGE_ACTION_F table

Column Name	Purpose	Reference Table	Example
PAGE_ID	Primary key used to identify the unique page	--	321YZ85_0002Z QZ2Y0000QG
CORE_USER_D_KEY	Reference key used to identify the user who performed the action	CORE_USER_D	1002
HCCI_BC_STEP_D_KEY	Reference key used to identify the step in which the action was taken	HCCI_BC_STEP_D	4
HCCI_BATCH_D_KEY	Reference key used to identify the batch	HCCI_BATCH_D	10026
CORE_DOC_D_KEY	Reference key used to identify the document in which the action was taken	CORE_DOC_D	10080
HCCI_BC_ORIGIN_D_KEY	Reference key used to identify the origin in which the action was taken	HCCI_BC_ORIGIN_D	4
HCCI_SOLUTION_D_KEY	Reference key used to identify the solution in which the action was taken	HCCI_SOLUTION_D	3
HCCI_ACTION_D_KEY	Reference key used to identify the action taken	HCCI_ACTION_D	5
HCCI_BC_SOURCE_D_KEY	Reference key used to identify the source	HCCI_BC_SOURCE_D	2
CORE_DATE_D_KEY_UTC	Reference key used to identify the date the action was taken (UTC)	CORE_DATE_D	20150805
CORE_TIME_D_KEY_UTC	Reference key used to identify the time the action was taken (UTC)	CORE_TIME_D	203335

Column Name	Purpose	Reference Table	Example
CORE_DATE_D_KEY_LOCAL	Reference key used to identify the date the action was taken (local time)	CORE_DATE_D	20150805
CORE_TIME_D_KEY_LOCAL	Reference key used to identify the time the action was taken (local time)	CORE_TIME_D	153335

HCCI_BC_SOURCE_D

The source dimension provides source attribute information for all batch capture fact and throughput tables. When new sources become available, they are added as new rows to the dimension table.

Column definitions for the HCCI_BC_SOURCE_D table

Column Name	Purpose	Example
HCCI_BC_SOURCE_D_KEY	Primary key used to identify the unique source	4
SOURCE_NAME	The source name in string format	File Capture

HCCI_BC_STEP_D

The step dimension provides step attribute information for all batch capture fact and throughput tables. When new steps become available, they will be added as new rows to the dimension table.

Column definitions for the HCCI_BC_STEP_D table

Column Name	Purpose	Example
HCCI_BC_STEP_D_KEY	Primary key used to identify the unique step	5
STEP_NAME	The step name in string format	Index
STEP_ORDER	The order in which the step falls for the process	2

HCCI_RC_BATCH_ACTION_F

Each row of the record correction batch action fact table stores an action initiated by a user that was taken on the batch. This implies that one batch can consist of one row or multiple rows of data in this table depending on the number of actions taken on the batch. For example, a user opens a batch to view the consents. The following information is recorded in the warehouse.

Column Name	Value
HCCI_BATCH_D_KEY	27
HCCI_ACTION_D_KEY	17 ← indicates a Batch Opened action
CORE_DATE_D_KEY_UTC	20150823
CORE_TIME_D_KEY_UTC	091614

The user then closes the batch and performs no other action. The following information is recorded.

Column Name	Value
HCCI_BATCH_D_KEY	27
HCCL_ACTION_D_KEY	8 ← indicates a Batch Closed action
CORE_DATE_D_KEY_UTC	20150823
CORE_TIME_D_KEY_UTC	093233

Column definitions for the HCCI_RC_BATCH_ACTION_F table

Column Name	Purpose	Reference Table	Example
HCCI_BATCH_D_KEY	Reference key used to identify the batch in which the action was taken	HCCI_BATCH_D	20
HCCI_BATCH_TYPE_D_KEY	Reference key used to identify the batch type	HCCI_BATCH_TYPE_D	3
CORE_USER_D_KEY	Reference key used to identify the user who took the action	CORE_USER_D	1
HCCI_RC_REASON_D_KEY	Reference key used to identify the reason for taking the action	HCCI_RC_REASON_D	3

Column Name	Purpose	Reference Table	Example
HCCI_SOLUTION_D_KEY	Reference key used to identify the solution in which the action was taken	HCCI_SOLUTION_D	3
HCCI_ACTION_D_KEY	Reference key used to identify the action taken	HCCI_ACTION_D	18
CORE_DATE_D_KEY_UTC	Reference key used to identify the date the action was taken (UTC)	CORE_DATE_D	20150805
CORE_TIME_D_KEY_UTC	Reference key used to identify the time the action was taken (UTC)	CORE_TIME_D	144616
CORE_DATE_D_KEY_LOCAL	Reference key used to identify the date the action was taken (local time)	CORE_DATE_D	20150805
CORE_TIME_D_KEY_LOCAL	Reference key used to identify the time the action was taken (local time)	CORE_TIME_D	94616
ACTION_DATETIME_LOCAL	A date timestamp for the action taken (local time)	--	2015-08-05 09:46:16.8460000 0 -05:00

HCCI_RC_DOC_ACTION_F

Each row of the record correction document action fact table stores an action initiated by a user that was taken on the document. This implies that one document can consist of one row or multiple rows of data in this table depending on the number of actions taken on the document. For example, a user deletes a document prior to submitting the batch with the remaining document. The following information is recorded in the warehouse.

Column Name	Value
CORE_DOC_D_KEY	1523
CORE_USER_D_KEY	321
HCCI_ACTION_D_KEY	6 ← indicates a Deleted action
CORE_DATE_D_KEY_UTC	20150826
CORE_TIME_D_KEY_UTC	194536

The user then clicks the Submit Batch button. The following information is recorded.

Column Name	Value
CORE_DOC_D_KEY	1523
CORE_USER_D_KEY	321
HCCI_ACTION_D_KEY	5 ← indicates a Processed Out action
CORE_DATE_D_KEY_UTC	20150826
CORE_TIME_D_KEY_UTC	195422

Column definitions for the HCCI_RC_DOC_ACTION_F table

Column Name	Purpose	Reference Table	Example
CORE_DOC_D_KEY	Reference key used to identify the document in which the action was taken	CORE_DOC_D	10055
HCCI_BATCH_D_KEY	Reference key used to identify the batch	HCCI_BATCH_D	10020
CORE_DOC_TYPE_D_KEY	Reference key used to identify the document type	CORE_DOC_TYPE_D	3
CORE_USER_D_KEY	Reference key used to identify the user who performed the action	CORE_USER_D	1002
HCCI_RC_REASON_D_KEY	Reference key used to identify the reason the action was taken	HCCI_RC_REASON_D	5
HCCI_SOLUTION_D_KEY	Reference key used to identify the solution in which the action was taken	HCCI_SOLUTION_D	3
CORE_DATE_D_KEY_UTC	Reference key used to identify the date the action was taken (UTC)	CORE_DATE_D	20150805
CORE_TIME_D_KEY_UTC	Reference key used to identify the date the action was taken (UTC)	CORE_TIME_D	194350

Column Name	Purpose	Reference Table	Example
CORE_DATE_D_KEY_LOCAL	Reference key used to identify the date the action was taken (local time)	CORE_DATE_D	20150805
CORE_TIME_D_KEY_LOCAL	Reference key used to identify the time the action was taken (local time)	CORE_TIME_D	144350
HCCI_ACTION_D_KEY	Reference key used to identify the action taken	HCCI_ACTION_D	3
ACTION_DATETIME_LOCAL	A date timestamp for the action taken (local time)	--	2015-08-05 14:43:50.1130000 -50:00

HCCI_RC_PAGE_ACTION_F

Each row of the record correction page action fact table stores an action initiated by a user that was taken on the page. This implies that one page can consist of one row or multiple rows of data in this table depending on the number of actions taken on the document. For example, a user deletes a document prior to submitting the batch with the remaining document. The following information is recorded in the warehouse.

Column Name	Value
PAGE_ID	321YZ8J_00037DEY3000023
CORE_USER_D_KEY	1003
CORE_DOC_D_KEY	20032
HCCI_ACTION_D_KEY	13 ← indicates a Copied From action
CORE_DATE_D_KEY_UTC	20150817
CORE_TIME_D_KEY_UTC	145156

A copy of the page is made and inserted into a new document.

Column Name	Value
PAGE_ID	321YZ8J_00037DEY3000023
CORE_USER_D_KEY	1003

Column Name	Value
CORE_DOC_D_KEY	20033
HCCI_ACTION_D_KEY	14 ← indicates a Copied From action
CORE_DATE_D_KEY_UTC	20150817
CORE_TIME_D_KEY_UTC	145156

Column definitions for the HCCI_RC_PAGE_ACTION_F table

Column Name	Purpose	Reference Table	Example
PAGE_ID	Primary key used to identify the unique page	--	321YZ85_002Z QZ2Y0000ZG
CORE_USER_D_KEY	Reference key used to identify the user who performed the action	CORE_USER_D	1002
HCCI_RC_REASON_D_KEY	Reference key used to identify the reason the action was taken	HCCI_RC_REASON_D	4
HCCI_BATCH_D_KEY	Reference key used to identify the batch	HCCI_BATCH_D	10026
CORE_DOC_D_KEY	Reference key used to identify the document in which the action was taken	CORE_DOC_D	10080
HCCI_SOLUTION_D_KEY	Reference key used to identify the solution in which the action was taken	HCCI_SOLUTION_D	3
HCCI_ACTION_D_KEY	Reference key used to identify the action taken	HCCI_ACTION_D	5
CORE_DATE_D_KEY_UTC	Reference key used to identify the date the action was taken (UTC)	CORE_DATE_D	20150805
CORE_TIME_D_KEY_UTC	Reference key used to identify the time the action was taken (UTC)	CORE_TIME_D	203335
CORE_DATE_D_KEY_LOCAL	Reference key used to identify the date the action was taken (local time)	CORE_DATE_D	20150805

Column Name	Purpose	Reference Table	Example
CORE_TIME_D_KEY_LOCAL	Reference key used to identify the time the action was taken (local time)	CORE_TIME_D	153335
ACTION_DTETIME_LOCAL	A date timestamp for the action taken (local time)	--	2015-08-05 15:33:35.6980 000 -05:00

HCCI_RC_REASON_D

The reason dimension provides reason attribute information for all records correction fact and throughput tables. If new reasons become available, they are added as new rows to the dimension table.

Column definitions for the HCCI_RC_REASON_D table

Column Name	Purpose	Example
HCCI_RC_REASON_D_KEY	Primary key used to identify the unique reason	33
REASON_NAME	The reason name in string format	Incorrect Document Type

HCCI_SOLUTION_D

The solution dimension provides solution attribute information for all fact and throughput tables. When new solutions become available, they are added as new rows to the dimension table.

Column definitions for the HCCI_SOLUTION_D table

Column Name	Purpose	Example
HCCI_RC_SOLUTION_D_KEY	Primary key used to identify the unique solution	3
SOLUTION_NAME	The solution name in string format	Batch Capture