



Enate Limited

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Introduction

This document provides an overview of the tables in the Data Warehouse Database for Enate version 2022.3.

This document is designed to support Developers/Analysts querying the Enate warehouse to understand how the tables join and where/how data is stored. This includes a data dictionary with field data types and definitions, highlighting foreign and primary keys to join tables on.

Please note, the warehouse is separate to the production database and is used for (management information) reporting purposes.

Data Dictionary

This section covers the main tables within the data warehouse, providing details on context (Customer, Contract, Service, and Process), work items (packets), communications, users, and configuration attributes. For each table, the column names, data types, and descriptions are provided, highlighting primary and foreign keys. **Primary keys [PK]** uniquely identify a row/record within a given table while **foreign keys [FK]** represent primary keys in another table and can be used to join on.

Database Design Standards

Here is a brief overview of the design standards across the data warehouse:

- Standard tables are prefixed with 'tbl'.
- Table and field names are written in CamelCase.
- Standard fields are prefixed with an underscore '_'.
- Extension fields which are dynamically generated based on your unique configuration in Enate are not prefixed with an underscore '_'.

Overview

The central table in the warehouse is `tblPackets` which holds key information on all packets within Enate – 1 row per work item in its current state. Please note, packets are work items - either a ticket / case / action. All packets belong to a certain 'Context', this is the combination of Company, Contract, Service and Process, as built within Enate – data on which can be found in `tblCaseAttributes`, `tblTicketAttributes`, `tblServices`, `tblContracts` and `tblCompanies`.

Moreover, user details can be found in `tblUsers` along with user activity for each work item in `tblPacketActivities`, such as opening and closing a packet and duration (time spent) on task.

Context

Context refers to the ‘builder’ view in Enate where you create Service Lines, Customers (Companies), Contracts, and Services.

tblCompanies

This table holds data on all Companies (Customers) within Enate.

Column Name	Data Type	Description
<u>_GUID</u>	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
<u>_UpdatedTime</u>	DATETIME	Updated time for the record
<u>_Name</u>	NVARCHAR	Company name
<u>_Description</u>	NVARCHAR	Company description
<u>_CompanyType</u>	INT [FK]	ENUM (numeric) Values - The Company type details will be present in tblCompanyTypes
<u>_IsCustomer</u>	BIT	Flag column to identify the type of Customer/ Service Provider / Third Party
<u>_IsServiceProvider</u>	BIT	Flag column to identify whether the company is a Service Provider
<u>_IsThirdPartySupplier</u>	BIT	Flag column to identify whether the company is a Third-Party supplier
<u>_DefaultLanguage</u>	NVARCHAR	Default Language
<u>_Parent_CompanyGUID</u>	UNIQUEIDENTIFIER [FK]	Parent company GUID - FK to tblCompanies join ON _GUID

tblContracts

This table holds data on contracts within Enate=

Column Name	Data Type	Description
<u>_GUID</u>	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
<u>_UpdatedTime</u>	DATETIME	Updated time for the record
<u>_Customer_CompanyGUID</u>	UNIQUEIDENTIFIER [FK]	Customer company GUID - FK to tblCompanies join ON _GUID
<u>_Supplier_CompanyGUID</u>	UNIQUEIDENTIFIER [FK]	Supplier company GUID - FK to tblCompanies join ON _GUID
<u>_Name</u>	NVARCHAR	Contract name
<u>_Description</u>	NVARCHAR	Contract description
<u>_DefaultLanguage</u>	NVARCHAR	Default Language
<u>_timezone</u>	NVARCHAR	Time zone

tblServices

This table holds data on services. NB this is not Service Line, it is Services within a contract.

Column Name	Data Type	Description
<u>_GUID</u>	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
<u>_UpdatedTime</u>	DATETIME	Updated time for the record
<u>_ContractGUID</u>	UNIQUEIDENTIFIER [FK]	Contract GUID - FK to tblContracts join ON _GUID
<u>_Name</u>	NVARCHAR	Service name
<u>_Description</u>	NVARCHAR	Service description
<u>_ServiceLineGUID</u>	UNIQUEIDENTIFIER [FK]	Service Line GUID - FK to tblServiceLines join ON _GUID

tblServiceLines

This table holds data on Service Line's.

Column Name	Data Type	Description
<u>_GUID</u>	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
<u>_UpdatedTime</u>	DATETIME	Updated time for the record
<u>_Name</u>	NVARCHAR	Service Template name
<u>_Description</u>	NVARCHAR	Service Template description

Packet Details

All work items (packets) are stored within `tblPackets`. There are three types of work items, Cases, Actions, and Tickets. For specific details relating to each type of work item, `tblPackets` can be joined to `tblCases`, `tblActions`, and `tblTickets`. Configuration details, such as Due Date can be found in the corresponding attribute tables – `tblTicketAttributes`, `tblCaseAttributes`, and `tblActionAttribbues`.

`tblPackets`

This table holds common details for all work item types (aka packets) – cases, tickets, and actions.

Note: This is a self-referencing table.

Column Name	Data Type	Description
<code>_GUID</code>	UNIQUEIDENTIFIER [PK]	Primary key - Unique GUID values
<code>_UpdatedTime</code>	DATETIME	Updated time for the record
<code>_DataGroupGUID</code>	UNIQUEIDENTIFIER [FK]	Data Group GUID. FK column reference to <code>tblPacketCustomDatas</code> join ON <code>_DataGroupGUID</code> and <code>tblPacketContacts</code> join ON <code>_CustomDataGroupGUID</code> .
<code>_GroupingGUID</code>	UNIQUEIDENTIFIER	Grouping GUID to Group the related packets.
<code>_ParentPacketGUID</code>	UNIQUEIDENTIFIER [FK]	Parent packet GUID - FK for self-referencing <code>tblPackets</code> ON <code>_GUID</code>
<code>_Title</code>	NVARCHAR	Packet Title provided while creating
<code>_Reference</code>	NVARCHAR	Packet Reference Generated. Where there is a T = Ticket, C = Case, C.A = Action within a Case.
<code>_Current_QueueGUID</code>	UNIQUEIDENTIFIER [FK]	Current Queue GUID, FK to <code>tblQueues</code> join ON <code>_GUID</code>
<code>_StartDate</code>	DATETIME	Date time on which packet has been started
<code>_EndDate</code>	DATETIME	Date time on which packet has been Ended
<code>_AssignedTo_UserGUID</code>	UNIQUEIDENTIFIER [FK]	The user who is currently assigned the packet. FK to <code>tblUsers</code> join ON <code>_GUID</code>
<code>_Owner_UserGUID</code>	UNIQUEIDENTIFIER [FK]	The user who is owner of the packet. FK to <code>tblUsers</code> join ON <code>_GUID</code>
<code>_Starter_UserGUID</code>	UNIQUEIDENTIFIER [FK]	The user who has started the packet. FK to <code>tblUsers</code> join ON <code>_GUID</code>
<code>_TerminatedBy_UserGUID</code>	UNIQUEIDENTIFIER [FK]	The user who terminated the packet. FK to <code>tblUsers</code> join ON <code>_GUID</code>
<code>_DueDate</code>	DATETIME	Due date for the packet
<code>_IsOverdue</code>	INT	Flag to say if the packet is overdue
<code>_Timezone</code>	NVARCHAR	Time zone of the packet
<code>_Type</code>	INT	Packet type; 8 = Live, 2 = Testing, 1 = Draft. Only Live packets will be exported to warehouse by default
<code>_AffectedRecordCount</code>	INT	Record count for the specific packet
<code>_CalculatedDueDate</code>	INT	Due date for the current state of the packet i.e. step within a case.
<code>_OverrideDueDateSet</code>	BIT	Flag to indicate if the due date can be overwritten.
<code>_CustomerTargetDuration</code>	BIGINT	Target time to spend on the work item for the customer.
<code>_SupplierTargetDuration</code>	BIGINT	Target time to spend on work item for the supplier.
<code>_CustomerDuration</code>	BIGINT	Time spent on work item by the customer.
<code>_SupplierDuration</code>	BIGINT	Time spent on work item by the supplier.
<code>_SchedulePeriodGUID</code>	UNIQUEIDENTIFIER [FK]	The schedule period the packet was created for. FK to <code>tblSchedulePeriods</code> join ON <code>_GUID</code>
<code>_LastPossibleTimeToStart</code>	DATETIME	The estimated last possible time to start the Packet taking into account the Due Date, Estimated Duration

Column Name	Data Type	Description
		and working hours (using the calendar defined on the Due Date Attribute)
_StartedByMethod	INT	The method used to start the Packet. FK to tblStartedByMethods join ON _StartedByMethod
_ResolvedDate	DATETIME	The date the Packet was marked as Resolved
_StartedBy_PacketGUID	UNIQUEIDENTIFIER [FK]	The GUID of the Packet that caused this Packet to be started - FK for self-referencing tblPackets ON _GUID
_ServiceGUID	UNIQUEIDENTIFIER [FK]	Service GUID the packet was created for. FK to tblServices join ON _GUID
_Status	INT [FK]	The status of the packet. FK to tblPacketStatuses join ON _PacketStatus
_StatusReason	INT [FK]	The status of the packet. FK to tblStatusReasons join ON _StatusReason
_WaitType	INT [FK]	The WaitType of the packet. FK to tblWaitTypes join ON _WaitType
_KeepWith_UserGUID	UNIQUEIDENTIFIER [FK]	The Keep with User GUID. FK to tblUsers join ON _GUID
_NewInformationReceivedOn	DATETIME	The date of when new information was received.
_ResolutionMethod	INT [FK]	The Resolution Method of the packet. FK to tblResolutionMethods join ON _ResolutionMethod
_ResolvedBy_UserGUID	UNIQUEIDENTIFIER [FK]	The Resolved By User GUID. FK to tblUsers join ON _GUID
_ScheduledFollowUpOn	DATETIME	The date scheduled for follow up on
_FeedbackWindowOpenUntil	DATETIME	The date the feedback window is open until
_WaitForMoreInformationUntil	DATETIME	The date to wait for more information until
_CustomerTimeToResolution	BIGINT	Customer Time to Resolution
_SupplierTimeToResolution	BIGINT	Supplier Time to Resolution

tblTickets

This table holds work item data that is unique to Tickets in addition to the shared data in tblPackets.

Column Name	Data Type	Description
_PacketGUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_TicketCategoryAttributeGUID	UNIQUEIDENTIFIER [FK]	Ticketcategory attributes GUID, FK to tblTicketCategoryAttributes join ON _GUID
_FirstManualContact	DATETIME	Time when First manual contact took place
_CustomerTimeToFirstManualContact	BIGINT	Customer Time when First Manual Contact
_SupplierTimeToFirstManualContact	BIGINT	Supplier Time when First Manual Contact
_ResolvedOnFirstContact	BIT	Flag column to specify whether the ticket is resolved on first contact
_Description	NVARCHAR	Ticket description
_CancellationReason	NVARCHAR	
_CancellationRequestedOn	DATETIME	
_MergedInto_PacketGUID	UNIQUEIDENTIFIER [FK]	Merged into Packet GUID, FK to tblPackets join ON _GUID
_CloseIfNoResponseReceived	BIT	Flag column to indicate if should Close ticket if no response received
_DoNotSendAutomatedEmailsToContacts	BIT	Flag column to specify that shouldn't send automated emails to contacts

tblCases

This table holds work item data that is unique to Cases in addition to the shared data in tblPackets.

Column Name	Data Type	Description
_PacketGUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_CaseAttributeGUID	UNIQUEIDENTIFIER [FK]	Case Attribute GUID, FK to tblCaseAttributes join ON _GUID
_CaseStepGUID	UNIQUEIDENTIFIER [FK]	Case Step GUID, FK to tblCaseSteps join ON _GUID
_TotalNumberOfSteps	INT	Total number of Steps
_KeepActionsWith_UserGUID	UNIQUEIDENTIFIER [FK]	
_WaitingFor	INT [FK]	ENUM (numeric) Values - The Waiting For details will be present in tblWaitingFors
_Problem	BIT	Boolean to indicate if this case has a problem

tblActions

This table holds work item data that is unique to Actions in addition to the shared data in tblPackets.

Column Name	Data Type	Description
_PacketGUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_ActionAttributeGUID	UNIQUEIDENTIFIER [FK]	Action Attribute GUID, FK to tblActionAttributes join ON _GUID
_ExecutionCount	INT	Number of Executions
_PeerReviewFailureCount	INT	Number of Peer Review failures
_PeerReviewedOn	DATETIME	Peer Review Date time
_PeerReviewedBy_UserGUID	UNIQUEIDENTIFIER [FK]	Peer Reviewed by User GUID, FK to tblUsers join ON _GUID
_PeerReviewedRecordCount	INT	Record Count of Peer Review
_OverridePeerReviewDueDate	DATETIME	The overridden due date for the peer review.
_CalculatedPeerReviewDueDate	DATETIME	Target due date for the current peer review step.
_OverridePeerReviewDueDateSet	BIT	Flag if the due date can be overridden.
_OverrideInstruction	NVARCHAR	The Override Instruction
_InPeerReview	BIT	Is this action currently in peer review
_PeerReviewComment	NVARCHAR	The Peer review comment
_NotDoneSuccessfullyComment	NVARCHAR	Comment when action not done successfully
_IntegrationLastAttempt	DATETIME	Last time Integration was attempted
_IntegrationNextAttempt	DATETIME	Next time integration will be attempted
_IntegrationRetryCount	INT	No of retries of integration
_IntegrationResponseWaitUntil	DATETIME	When to wait till for response from integration
_IsPeerReviewPassed	BIT	Flag to indicate peer review passed

Packet Activities

All activity, such as opening and closing a packet, performed on a work item is stored in `tblPacketActivities`. This provides an audit log for the work items Users have accessed.

`tblPacketActivities`

Column Name	Data Type	Description
<code>_PacketGUID</code>	<code>UNIQUEIDENTIFIER [PK]</code>	Activity belonging to the specific Packet GUID, FK to <code>tblPackets</code> join ON <code>_GUID</code> .
<code>_GUID</code>	<code>UNIQUEIDENTIFIER [PK]</code>	Primary key - with Unique GUID values
<code>_UpdatedTime</code>	<code>DATETIME</code>	Updated time for the record
<code>_UserGUID</code>	<code>UNIQUEIDENTIFIER [FK]</code>	User GUID, FK to <code>tblUsers</code> join ON <code>_GUID</code>
<code>_Activity</code>	<code>INT [FK]</code>	ENUM (numeric) Values - The Activity details will be present in <code>tblPacketActivityTypes</code>
<code>_StartTime</code>	<code>DATETIME</code>	Start date time for the specific Activity
<code>_EndTime</code>	<code>DATETIME</code>	End date time for the specific Activity
<code>_Duration</code>	<code>BIGINT</code>	Duration of the specific Activity
<code>_ManuallyEnteredDuration</code>	<code>BIGINT</code>	Duration which has been manually Entered for the specific Activity
<code>_ManuallyEnteredLastUpdatedBy_UserGUID</code>	<code>UNIQUEIDENTIFIER [FK]</code>	Duration Entered by User GUID, FK to <code>tblUsers</code> join ON <code>_GUID</code>
<code>_ManuallyEnteredLastUpdatedOn</code>	<code>DATETIME</code>	Date time which the User entered the Duration manually
<code>_InPeerReview</code>	<code>BIT</code>	Flag to indicate if this is in peer review
<code>_TicketCategoryAttributeGUID</code>	<code>UNIQUEIDENTIFIER</code>	The Ticket Category Attribute GUID that the Ticket was in when the Activity started.

Packet Communications

Communication details such as the type and importance, can be found in `tblPacketCommunications`. This can be joined to `tblCommunicationContacts` for contact details of each communication.

`tblPacketCommunications`

Column Name	Data Type	Description
<code>_GUID</code>	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
<code>_UpdatedTime</code>	DATETIME	Updated time for the record
<code>_GroupingGUID</code>	UNIQUEIDENTIFIER	Grouping GUID to Group related communications with packets.
<code>_PacketGUID</code>	UNIQUEIDENTIFIER [FK]	Packet GUID, FK to <code>tblPackets</code> join ON <code>_GUID</code>
<code>_Type</code>	INT [FK]	ENUM (numeric) Values - The type details will be present in <code>tblPacketCommunicationTypes</code>
<code>_Logged</code>	DATETIME	Date time which the communication was logged
<code>_UserGUID</code>	UNIQUEIDENTIFIER [FK]	User GUID, FK to <code>tblUsers</code> join ON <code>_GUID</code>
<code>_AttachmentCount</code>	INT	Number of attachments
<code>_Importance</code>	INT [FK]	ENUM (numeric) Values - The importance details will be present in <code>tblPacketCommunicationImportances</code>
<code>_CommunicationScope</code>	INT [FK]	ENUM (numeric) Values - The Communication Scope details will be present in <code>tblPacketCommunicationScopes</code>
<code>_IsResolutionCommunication</code>	BIT	Flag column to know whether Resolution communication present
<code>_IsSystemGenerated</code>	BIT	Flag column to know whether Communication is system generated
<code>_InvolvesPrimaryContact</code>	BIT	Flag column to know whether involve Primary contact
<code>_InvolvesRequester</code>	BIT	Flag column to know whether involve Requestor
<code>_InvolvesSubject</code>	BIT	Flag column to know whether involve Subject
<code>_InvolvesCustomer</code>	BIT	Flag column to know whether involve Customer
<code>_InvolvesThirdParty</code>	BIT	Flag column to know whether involve third party

`tblPacketCommunicationContacts`

Column Name	Data Type	Description
<code>_PacketCommunicationGUID</code>	UNIQUEIDENTIFIER [PK] [FK]	Packet Communication GUID, FK referencing <code>tblPacketCommunications</code> join ON <code>_GUID</code>
<code>_GUID</code>	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
<code>_UpdatedTime</code>	DATETIME	Updated time for the record
<code>_Type</code>	INT [FK]	ENUM (numeric) Values - The type details will be present in <code>tblPacketCommunicationContactTypes</code>
<code>_Address</code>	NVARCHAR	Email Address
<code>_UserGUID</code>	UNIQUEIDENTIFIER [FK]	User GUID, FK to <code>tblUsers</code> join ON <code>_GUID</code>

Packet Contacts

Contact details such as name and email address are stored against each work item/packet (Ticket, Case and Action) along with tags such as 'Requester'. Contacts and tags are stored in separate tables, tblPacketContacts and tblPacketContactTags respectively. The description of the tag is stored in tblContactTags.

tblPacketContacts

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_UpdatedTime	DATETIME	Updated time for the record
_CustomDataGroupGUID	UNIQUEIDENTIFIER	GUID to group related custom data.
_Employee_UserGUID	UNIQUEIDENTIFIER [FK]	Employee contact, FK to tblUsers join ON _GUID
_AddedBy_UserGUID	UNIQUEIDENTIFIER [FK]	User who added the contact, FK to tblUsers join ON _GUID
_AddedOn	DATETIME	Date when the contact was added

tblPacketContactTags

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_UpdatedTime	DATETIME	Updated time for the record
_PacketContactGUID	UNIQUEIDENTIFIER [FK]	Packet contact GUID, FK to tblPacketContacts join ON _GUID
_ContactTagGUID	UNIQUEIDENTIFIER [FK]	Contact tag GUID, FK to tblContactTags join ON _GUID
_AddedBy_UserGUID	UNIQUEIDENTIFIER [FK]	User who added the contact, FK to tblUsers join ON _GUID
_AddedOn	DATETIME	Date when the contact tag was added

tblContactTags

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_UpdatedTime	DATETIME	Updated time for the record
_Name	NVARCHAR	Name of the tag
_Description	NVARCHAR	Description of the tag
_AllowMultiple	BIT	Flag to allow multiple
_Supplier_CompanyGUID	UNIQUEIDENTIFIER [FK]	Contact supplier, FK to tblCompanies join ON _GUID

tblCaseReworkHistories

Column Name	Data Type	Description
_PacketGUID	UNIQUEIDENTIFIER [PK] [FK]	Packet GUID, FK to tblPackets join ON _GUID
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_Start	DATETIME	Start date time of rework
_End	DATETIME	End date time of rework
_StartedBy_UserGUID	UNIQUEIDENTIFIER [FK]	User who started the rework, FK to tblUsers join ON _GUID
_ReworkFromStepNumber	INT	Rework from which step number
_StepNumberWhenReworkStarted	INT	Step number when rework started
_CustomerDuration	BIGINT	Time spent on rework by the customer
_SupplierDuration	BIGINT	Time spent on rework by the supplier
_ReworkedFromSpecificAction_Acti onAttributeGUID	UNIQUEIDENTIFIER [FK]	Rework from specific action, FK to tblActionAttribute on _GUID

tblPacketCaseStepHistories

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_PacketGUID	UNIQUEIDENTIFIER [FK]	Packet GUID, FK to tblPackets join ON _GUID
_CaseStepGUID	UNIQUEIDENTIFIER [FK]	Case step GUID, FK to tblCaseSteps join ON _GUID
_StartDate	DATETIME	Case step start date time
_EndDate	DATETIME	Case step end date time
_IsRework	BIT	Flag for rework
_UpdatedTime	DATETIME	Updated time for the record

tblPacketTicketCategoryAttributeHistories

Column Name	Data Type	Description
_PacketGUID	UNIQUEIDENTIFIER [PK] [FK]	Packet GUID, FK to tblPackets join ON _GUID
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_UpdatedTime	DATETIME	Updated time for the record
_UserGUID	UNIQUEIDENTIFIER [FK]	User GUID, FK to tblUsers join ON _GUID
_ProcessAttribute_ObjectGUID	UNIQUEIDENTIFIER	Process attribute object GUID, join to tblTicketAttributes ON _GUID.
_StartDate	DATETIME	Start date
_EndDate	DATETIME	End date
_DueDate	DATETIME	Due date
_CustomerDuration	BIGINT	Time spent by customer
_SupplierDuration	BIGINT	Time spent by supplier
_TicketCategoryAttributeGUID	UNIQUEIDENTIFIER [FK]	TicketCategoryAttributeGUID, FK to tblTicketCategoryAttributes join ON _GUID

tblPacketAllocationHistories

Column Name	Data Type	Description
_PacketGUID	UNIQUEIDENTIFIER [PK] [FK]	Packet GUID, FK to tblPackets join ON _GUID
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_UpdatedTine	DATETIME	Updated time for the record
_LoggedDate	DATETIME	Logged date time
_AssignedTo_UserGUID	UNIQUEIDENTIFIER [FK]	Assigned to user GUID, FK to tblUsers join ON _GUID
_AssignedBy_UserGUID	UNIQUEIDENTIFIER [FK]	Assigned by user GUID, FK to tblUsers join ON _GUID
_AllocationReason	INT [FK]	ENUM (numerical) values, allocation reason details will be present in tblPacketAllocationReasons
_InPeerReview	BIT	Flag to indicate if this is in peer review

tblPacketQueueHistories

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_PacketGUID	UNIQUEIDENTIFIER [FK]	Packet GUID, FK to tblPackets join ON _GUID
_UpdatedTine	DATETIME	Updated time for the record
_QueueGUID	UNIQUEIDENTIFIER [FK]	Queue GUID, join to tblQueues ON _GUID
_Start	DATETIME	Start date
_End	DATETIME	End date
_CustomerDuration	BIGINT	Time spent on work item by the customer.
_SupplierDuration	BIGINT	Time spent on work item by the supplier.

Legacy Packet Views

These views have been created to provide backwards compatibility with 2022.1. They will be removed in a future release of Enate.

tblPacketProcessAttributeHistories

Column Name	Data Type	Description
_PacketGUID	UNIQUEIDENTIFIER [PK] [FK]	Packet GUID, FK to tblPackets join ON _GUID
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_UpdatedTime	DATETIME	Updated time for the record
_UserGUID	UNIQUEIDENTIFIER [FK]	User GUID, FK to tblUsers join ON _GUID
_ProcessAttribute_ObjectGUID	UNIQUEIDENTIFIER	Process attribute object GUID, join to tblTicketAttributes ON _GUID.
_StartDate	DATETIME	Start date
_EndDate	DATETIME	End date
_DueDate	DATETIME	Due date
_CustomerDuration	BIGINT	Time spent by customer
_SupplierDuration	BIGINT	Time spent by supplier
_TicketCategoryAttributeGUID	UNIQUEIDENTIFIER [FK]	TicketCategoryAttributeGUID, FK to tblTicketCategoryAttributes join ON _GUID

Case, Ticket and Action Configuration

Attribute tables store data on the configuration details of work items i.e. the instructions work items follows. Attributes include allocation, due date, and follow up.

tblActionAttributes

This table contains configuration data for actions.

Note: This is a self-referencing table.

Column Name	Data Type	Description
<u>_GUID</u>	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
<u>_UpdatedTime</u>	DATETIME	Updated time for the record
<u>_GroupGUID</u>	UNIQUEIDENTIFIER	Groups related actions together.
<u>_CaseAttributeGUID</u>	UNIQUEIDENTIFIER [FK]	Case Attribute GUID, FK to tblCaseAttributes join ON _GUID
<u>_ActionGeneralAttributeGUID</u>	UNIQUEIDENTIFIER [FK]	Action General Attribute GUID, FK to tblActionGeneralAttributes join ON _GUID
<u>_AllocationAttributeGUID</u>	UNIQUEIDENTIFIER [FK]	Allocation Attributes GUID, FK to tblAllocationAttributes join ON _GUID
<u>_DueDateAttributeGUID</u>	UNIQUEIDENTIFIER [FK]	Due Date Attributes GUID for the action, FK to tblDuedateAttributes join ON _GUID
<u>_PeerReview_AllocationAttributeGUID</u>	UNIQUEIDENTIFIER [FK]	Peer Review Allocation Attribute GUID, FK to tblAllocationAttributes join ON _GUID
<u>_StepNumber</u>	INT	Step number for the Specific action attribute
<u>_Order</u>	INT	Order for the Specific action attribute
<u>_Previous_ActionAttributeGUID</u>	UNIQUEIDENTIFIER [FK]	Previous Action Attribute GUID, FK self-reference tblActionAttributes on _GUID
<u>_AllowManualCreation</u>	BIT	Flag column to specify whether the Manual creation is allowed
<u>_PeerReview_DueDateAttributeGUID</u>	UNIQUEIDENTIFIER [FK]	Due Date Attributes GUID for peer review, FK to tblDuedateAttributes join ON _GUID
<u>_ActionTypeGUID</u>	UNIQUEIDENTIFIER [FK]	Action Type GUID, FK to tblActionTypes join ON _GUID
<u>_ServiceGUID</u>	UNIQUEIDENTIFIER [FK]	Service GUID, FK to tblServices join ON _GUID

tblActionGeneralAttributes

This table contains skill level data for actions.

Column Name	Data Type	Description
<u>_GUID</u>	UNIQUEIDENTIFIER [PK]	Primary key – within Unique GUID values
<u>_UpdatedTime</u>	DATETIME	Updated time for the record
<u>_AttributeName</u>	NVARCHAR	Attribute name
<u>_EstimatedDuration</u>	BIGINT	Expected duration for an action
<u>_RecordCount</u>	INT [FK]	The record count behaviour for the action attributes.
<u>_SkillType</u>	INT [FK]	ENUM (numeric) values. The Skill Type details will be present in tblActionGeneralAttributeSkillTypes
<u>_IsConversation_SkillType</u>	BIT	Does the skill type require a conversation
<u>_IsReadOrUnderstandLongTexts_SkillType</u>	BIT	Is the skill type required reading or understating long texts
<u>_IsFollowBasicRules_SkillType</u>	BIT	Is the skill type required
<u>_IsExperienceKnowledgeDeduction_SkillType</u>	BIT	Does the skill type require experience knowledge deduction
<u>_IsWriteLongTexts_SkillType</u>	BIT	Is the skill type required writing long texts
<u>_IsEmpathyOrEmotion_SkillType</u>	BIT	Does the skill type require empathy or emotion
<u>_IsFlexibilityOrProblemSolving_SkillType</u>	BIT	Does the skill type require flexibility or problem solving
<u>_IsOther_SkillType</u>	BIT	Is the skill type other

tblCaseAttributes

This table holds the configuration data for cases.

Column Name	Data Type	Description
<u>_GUID</u>	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
<u>_UpdatedTime</u>	DATETIME	Updated time for the record
<u>_GroupGUID</u>	UNIQUEIDENTIFIER	Groups related cases together.
<u>_ServiceGUID</u>	UNIQUEIDENTIFIER [FK]	service GUID - FK to tblServices join ON _GUID
<u>_AllocationAttributeGUID</u>	UNIQUEIDENTIFIER [FK]	Allocation Attribute GUID, FK to tblAllocationAttributes join ON _GUID
<u>_DueDateAttributeGUID</u>	UNIQUEIDENTIFIER [FK]	Due Date Attribute GUID, FK to tblDueDateAttributes join ON _GUID
<u>_StepProgressionMode</u>	INT [FK]	ENUM (numeric) Values - The Step Progression Mode details will be present in tblStepProgressionModes
<u>_RecordCountBehaviour</u>	INT [FK]	ENUM (numeric) Values - The Record Count Behaviour details will be present in tblRecordCountBehaviour
<u>_RecordCount</u>	INT	Record count for the Ticket attributes
<u>_CaseTypeGUID</u>	UNIQUEIDENTIFIER [FK]	Case Type GUID, FK to tblCaseTypes join ON _GUID
<u>_CloneSource_TicketAttributeGUID</u>	UNIQUEIDENTIFIER [FK]	If this is a clone, then the source TicketAttribute GUID – FK to tblTicketAttributes join on _GUID
<u>_IsAvailableToAllUsers</u>	BIT	If True then the Case can be started by any user even if they don't have permission to open the Case.

tblCaseSteps

This table contains step level information for cases.

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_CaseTypeGUID	UNIQUEIDENTIFIER [FK]	Case Type GUID, FK to tblCaseTypes join ON _GUID
_StepNumber	INT	Step Number Value
_StepName	NVARCHAR	Step Name Value
_Milestone	INT	Number of Milestones
_IsDeleted	BIT	Flag column to specify whether the Casflow step is Deleted
_UpdatedTime	DATETIME	Updated time for the record

tblCaseStepInCases

This table contains the steps that exist in a Case Attribute.

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_ScheduleStructureDateGUID	UNIQUEIDENTIFIER [FK]	Schedule Structure Date GUID, FK to tblSchedulestructureDates join ON _GUID
_CaseFlowStepGUID	UNIQUEIDENTIFIER [FK]	Case Flow Step GUID, FK to tblCaseFlowSteps join ON _GUID
_CaseAttributeGUID	UNIQUEIDENTIFIER [FK]	Case Attribute GUID, FK to tblCaseAttributes join ON _GUID
_UpdatedTime	DATETIME	Updated time for the record
_StepNumber	INT	The Step Number for the step
_Milestone	INT	The MileStone for the step

tblCaseTypes

This table contains the case type information

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_ServiceLineGUID	UNIQUEIDENTIFIER [FK]	Service Line GUID, FK to tblServiceLines join ON _GUID
_Name	NVARCHAR	Case Type Name
_Description	NVARCHAR	Case Type Description
_ProcessGroup	NVARCHAR	Process Group for Case Type
_UpdatedTime	DATETIME	Updated time for the record

tblTicketTypes

This table contains the ticket type information

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_ServiceLineGUID	UNIQUEIDENTIFIER [FK]	Service Line GUID, FK to tblServiceLines join ON _GUID
_Name	NVARCHAR	Case Type Name
_Description	NVARCHAR	Case Type Description
_ProcessGroup	NVARCHAR	Process Group for Case Type
_UpdatedTime	DATETIME	Updated time for the record

tblAllocationAttributes

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key – with Unique GUID values
_AttributeName	NVARCHAR	Name of allocation attribute
_UpdatedTime	DATETIME	Updated time for the record

tblDueDateAttributes

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key – with Unique GUID values
_UpdatedTime	DATETIME	Updated time for the record
_AttributeName	NVARCHAR	Name of due date attribute
_NextWorkingMoment	BIT	Flag to flip the due date to the next working day if it is the end of the day
_TargetDurationUnits	INT [FK]	Target duration units, FK to tblTargetDurationUnits join ON _TargetDurationUnit
_TargetDuration	INT	Target duration
_AddWaitTimeDueDate	BIT	Flag to add wait time to due date when the status is on hold
_AllowOverrideDueDate	INT [FK]	ENUM (numerical) values, allow override due date details will be present in tblAllowOverrideDueDates

tblTicketAttributes

This table holds configuration data for tickets

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_ServiceGUID	UNIQUEIDENTIFIER [FK]	service GUID - FK to tblServices join ON _GUID
_TicketTypeGUID	UNIQUEIDENTIFIER [FK]	TicketType GUID – FK to tblTicketTypes join on _GUID
_UpdatedTime	DATETIME	Updated time for the record
_ProcessGUID	UNIQUEIDENTIFIER [PK]	Legacy - Computed Primary key from _GUID
_CloneSource_TicketAttributeGUID	UNIQUEIDENTIFIER [FK]	If this is a clone, then the source TicketAttribute GUID – FK to tblTicketAttributes join on _GUID
_IsAvailableToAllUsers	BIT	If True then the Ticket can be started by any user even if they don't have permission to open the Case.

tblTicketCategories

This table holds category level information for tickets.

Note: This is a self-referencing table.

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key – with Unique GUID values
_UpdatedTime	DATETIME	Updated time for the record
_ServiceLineGUID	UNIQUEIDENTIFIER [FK]	Service Line GUID, FK to tblServiceLines join ON _GUID
_Parent_TicketCategoryGUID	UNIQUEIDENTIFIER [FK]	Parent ticket category, FK for self-referencing back to tblTicketCategorie
_Name	NVARCHAR	Ticket category name
_NodeLevel	INT	Ticket category level

tblTicketCategoryAttributes

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key – with Unique GUID values
_UpdatedTime	DATETIME	Updated time for the record
_GroupGUID	UNIQUEIDENTIFIER	Groups related actions together.
_TicketAttributeGUID	UNIQUEIDENTIFIER [FK]	Ticket attributes GUID, FK to tblTicketAttributes join ON _GUID
_TicketCategoryGUID	UNIQUEIDENTIFIER [FK]	Ticket category GUID, FK to tblTicketCategory join ON _GUID
_DueDateAttributeGUID	UNIQUEIDENTIFIER [FK]	Due Date Attribute GUID, FK to tblDueDateAttributes join ON _GUID
_AllocationAttributeGUID	UNIQUEIDENTIFIER [FK]	Allocation attributes GUID, FK to tblAllocationAttributes join ON _GUID
_EstimatedDuration	BIGINT	Expected duration for an action
_RecordCount	BIT	Flag to indicate Recordcount behaviour
_FeedbackWindowDays	INT	No of days to add on for feedback window

Feedback

Packet related feedback and rating information can be found in `tblPacketFeedbackEntries`.

`tblPacketFeedbackEntries`

Column Name	Data Type	Description
<code>_GUID</code>	UNIQUEIDENTIFIER [PK]	Composite primary key - with Unique GUID values
<code>_PacketGUID</code>	UNIQUEIDENTIFIER [PK] [FK]	Composite primary key, FK to <code>tblPackets</code> join ON <code>_GUID</code>
<code>_UpdatedTime</code>	DATETIME	Updated time for the record
<code>_Comments</code>	NVARCHAR	Feedback comments
<code>_Rating</code>	INT	Rating held as an integer
<code>_Logged</code>	DATETIME	Date this feedback was logged

Defects

Issues with work items can be logged against tickets/cases/actions as defects. All data on defects is stored in tblPacketDefects, tblDefactCategories and tblDefactPartyAtFaultOptions.

tblPacketDefects

Column Name	Data Type	Description
_PacketGUID	UNIQUEIDENTIFIER [PK] [FK]	Packet GUID, FK to tblPackets join ON _GUID
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_AffectedRecordCount	INT	Number of records affected
_DefectCategoryGUID	UNIQUEIDENTIFIER [FK]	Defect category, FK to tblDefactCategories join ON _GUID
_Description	NVARCHAR	Description of the defect
_AddedBy_UserGUID	UNIQUEIDENTIFIER [FK]	User who added the defect, FK to tblUsers join ON _GUID
_AddedOn	DATETIME	Date when the defect was added
_LoggedOnStep	INT	Step the defect was logged on
_Resolved	BIT	Has the defect been resolved
_DefectPartyAtFaultOptionGUID	UNIQUEIDENTIFIER [FK]	GUID to identify party at fault, FK to tblDefactPartyAtFaultOptions on _GUID
_Retired	BIT	Flag to indicate if retired
_UpdatedTime	DATETIME	Updated time for the record
_CustomDataGroupGUID	UNIQUEIDENTIFIER	Related custom data group GUID

tblDefactPartyAtFaultOptions

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_UpdatedTime	DATETIME	Updated time for the record
_Name	NVARCHAR	Description of the defect
_Retired	BIT	Flag to indicate if retired

tblDefactCategories

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_UpdatedTime	DATETIME	Updated time for the record
_Name	NVARCHAR	Description of the defect
_Retired	BIT	Flag to indicate if retired
_ServiceLineGUID	UNIQUEIDENTIFIER [FK]	Related service Line, FK to tblServiceLines on _GUID
_ParentDefectCategoryGUID	UNIQUEIDENTIFIER [FK]	Parent defect category, if exists, FK to this table (tblDefactCategories) on _GUID

Custom Data

All custom data unique to each configuration on Enate, can be found in `tblPacketCustomDatas`, `tblPacketPrivateCustomDatas`, `tblPacketCustomDataTable_*` or `tblPacketPrivateCustomDataTable_*` depending on the configuration of the data item in Enate.

`tblPacketCustomDatas`

These are the bespoke custom data fields added to a Work Item that are shared by multiple Work Items within the same “group” e.g. All the Actions within a Case.

Column Name	Data Type	Description
<code>_DataGroupGUID</code>	<code>UNIQUEIDENTIFIER [PK]</code>	Primary key - with Unique GUID values
<code>_UpdatedTime</code>	<code>DATETIME</code>	Updated time for the record
<code>_CustomData</code>	Column Set, XML	Custom data for this packet held as XML
Additional columns are unique to your configuration and will match the Custom Data fields created in Enate. These columns are Sparse columns in SQL and so will not be returned by a <code>SELECT *</code> statement; they must be specifically referenced.		

`tblPacketPrivateCustomDatas`

These are the bespoke custom data fields added to a Work Item that are unique to a Work Item and are not shared by multiple Work Items.

Column Name	Data Type	Description
<code>_PacketGUID</code>	<code>UNIQUEIDENTIFIER [PK]</code>	Primary key - with Unique GUID values
<code>_UpdatedTime</code>	<code>DATETIME</code>	Updated time for the record
<code>_CustomData</code>	Column Set, XML	Custom data for this packet held as XML
Additional columns are unique to your configuration and will match the Custom Data fields created in Enate. These columns are Sparse columns in SQL and so will not be returned by a <code>SELECT *</code> statement; they must be specifically referenced.		

`tblPacketCustomDataTable_[TableName]`

These are the bespoke custom data fields added to a Table within a Work Item that are shared by multiple Work Items within the same “group” e.g. All the Actions within a Case. There will be 1 table created for enate Table Field created in Enate.

Column Name	Data Type	Description
<code>_DataGroupGUID</code>	<code>UNIQUEIDENTIFIER [PK]</code>	Primary key - with Unique GUID values when combined with <code>_Row</code>
<code>_Row</code>	<code>INT [PK]</code>	Primary key – the row number within the table
<code>_UpdatedTime</code>	<code>DATETIME</code>	Updated time for the record
<code>_CustomData</code>	Column Set, XML	Custom data for this packet held as XML
Additional columns are unique to your configuration and will match the Custom Data fields created in Enate. These columns are Sparse columns in SQL and so will not be returned by a <code>SELECT *</code> statement; they must be specifically referenced.		

tblPacketPrivateCustomDataTable_[TableName]

These are the bespoke custom data fields added to a Table within a Work Item that are unique to a Work Item and are not shared by multiple Work Items. There will be 1 table created for enate Table Field created in Enate.

Column Name	Data Type	Description
_PacketGUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values when combined with _Row
_Row	INT [PK]	Primary key – the row number within the table
_UpdatedTime	DATETIME	Updated time for the record
_CustomData	Column Set, XML	Custom data for this packet held as XML

Additional columns are unique to your configuration and will match the Custom Data fields created in Enate.
These columns are Sparse columns in SQL and so will not be returned by a SELECT * statement; they must be specifically referenced.

Queues

Details on queues within Enate, such as name and description, are held within `tblQueues`.

`tblQueues`

Column Name	Data Type	Description
<code>_GUID</code>	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
<code>_UpdatedTime</code>	DATETIME	Updated time for the record
<code>_Name</code>	NVARCHAR	Queue Name

`tblQueueManagers`

This table contains queue manager information – each queue can have multiple managers.

Column Name	Data Type	Description
<code>_GUID</code>	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
<code>_Manager_UserGUID</code>	UNIQUEIDENTIFIER [FK]	GUID for the related User. FK to <code>tblUsers</code> on <code>_GUID</code>
<code>_QueueGUID</code>	UNIQUEIDENTIFIER [FK]	GUID for the related queue. FK to <code>tblQueues</code> on <code>_GUID</code>
<code>_TestMode</code>	BIT	Flag to indicate if the record relates only to the Test Mode functionality within the product
<code>_UpdatedTime</code>	DATETIME	Updated time for the record

`tblUserQueues`

This table contains queue user information

Column Name	Data Type	Description
<code>_GUID</code>	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
<code>_UserGUID</code>	UNIQUEIDENTIFIER [FK]	GUID for the related User. FK to <code>tblUsers</code> on <code>_GUID</code>
<code>_QueueGUID</code>	UNIQUEIDENTIFIER [FK]	GUID for the related queue. FK to <code>tblQueues</code> on <code>_GUID</code>
<code>_TestMode</code>	BIT	Flag to indicate if the record relates only to the Test Mode functionality within the product
<code>_UpdatedTime</code>	DATETIME	Updated time for the record

Schedules

Schedules within Enate are configured datetimes for certain processes to be launched on a set basis, such as every 3 months.

tblSchedulePeriods

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_UpdatedTime	DATETIME	Updated time for the record
_ScheduleGUID	UNIQUEIDENTIFIER [FK]	Schedule GUID, FK to tblSchedules join ON _GUID
_Year	INT	Year of the schedule period
_Period	NVARCHAR	Schedule period
_StartDate	DATETIME	Schedule start date
_Dates	Column Set, XML	Custom data for this Schedule held as XML
Additional columns are unique to your configuration and will match the Schedule Period columns created in Enate. These columns are Sparse columns in SQL and so will not be returned by a SELECT * statement; they must be specifically referenced.		

tblSchedules

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_UpdatedTime	DATETIME	Updated time for the record
_ScheduleStructureGUID	UNIQUEIDENTIFIER [FK]	Schedule structure GUID, FK to tblScheduleStructures join ON _GUID
_Name	NVARCHAR	Schedule name
_State	INT	Schedule state
_Retired	BIT	Flag if the schedule is retired
_Description	NVARCHAR	Schedule description

tblScheduleStructureDates

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_UpdatedTime	DATETIME	Updated time for the record
_ScheduleStructureGUID	UNIQUEIDENTIFIER [FK]	Schedule structure GUID, FK to tblScheduleStructures join ON _GUID
_Name	NVARCHAR	Schedule structure dates name e.g. start date
_SafeName	NVARCHAR	_Name in CamelCase (with no spaces)
_Order	INT	Order of the schedule dates
_Retired	BIT	Flag if the schedule structure has been retired

tblScheduleStructures

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_UpdatedTime	DATETIME	Updated time for the record
_Name	NVARCHAR	Schedule structure name
_Description	NVARCHAR	Schedule structure description
_Retired	BIT	Flag if the schedule structure has been retired

Users

Details on Enate users, such as their first and last name can be found in `tblUsers`.

`tblUsers`

Note: This is a self-referencing table.

Column Name	Data Type	Description
<code>_GUID</code>	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
<code>_UpdatedTime</code>	DATETIME	Updated time for the record
<code>_EntityGUID</code>	UNIQUEIDENTIFIER [FK]	Entity GUID, FK to <code>tblEntityDataItems_f109e0f2-ea37-4b9f-9e15-7670d59bf6a0</code> join ON <code>_GUID</code>
<code>_CompanyGUID</code>	UNIQUEIDENTIFIER [FK]	Company GUID, FK to <code>tblCompanies</code> join ON <code>_GUID</code>
<code>_Manager_UserGUID</code>	UNIQUEIDENTIFIER [FK]	Manager user GUID, FK to self-reference <code>tblUsers</code> join ON <code>_GUID</code>
<code>_Username</code>	NVARCHAR	Username, Used to Login in Enate
<code>_FirstName</code>	NVARCHAR	First name of the User
<code>_LastName</code>	NVARCHAR	Last name of the User
<code>_KnownAs</code>	NVARCHAR	The name the user is known as
<code>_FullName</code>	NVARCHAR	Full name of the user (first name and last name combined)
<code>_IsTeamLeader</code>	BIT	Flag whether the user is Team Leader
<code>_CostPerUnitTime</code>	DECIMAL	Cost per Unit time configured value
<code>_TotalCapacity</code>	BIGINT	Total Capacity Configured value
<code>_UserType</code>	INT [FK]	ID of related user type, FK to <code>tblUserTypes</code> join on <code>_UserType</code>
<code>_EmailAddress</code>	NVARCHAR	User email address
<code>_PreferredDateFormat</code>	NVARCHAR	User date format i.e. dd/MM/yyyy
<code>_PreferredLanguage</code>	NVARCHAR	User language i.e en-gb
<code>_PreferredTimeFormat</code>	NVARCHAR	User time format i.e. HH:mm
<code>_Retired</code>	BIT	Flag if the user has been retired
<code>_Timezone</code>	NVARCHAR	User time zone i.e. GMT Standard Time
<code>_TotalCapacity</code>	BIGINT	Total capacity for this user (for bots)
<code>_CanAccessBuilder</code>	BIT	Flag if the user can access Builder
<code>_CanAccessUserManagement</code>	BIT	Flag if the user can access User Management
<code>_CanCreate</code>	BIT	Flag if the user can create
<code>_CanEditSharedConfiguration</code>	BIT	Flag if the user can edit shared configuration
<code>_CanReassign</code>	BIT	Flag if the user can reassign work
<code>_CanSeePeerandQueues</code>	BIT	Flag if the user can see their peers and all the work in the queues, they are a member of
<code>_CanSetLiveBuilder</code>	BIT	Flag if the user can set Live Ticket and Case changes
<code>_OfficeLocation</code>	NVARCHAR	Office location for this user
<code>_IsSSOOnly</code>	BIT	Is this user a SSO only user
<code>_AutoGenerated</code>	BIT	Is this user Auto Generated by the system without validation by a Human

tblUserGroups

The list of User Groups available in the system.

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_UpdatedTime	DATETIME	Updated time for the record
_Name	NVARCHAR	User Group name
_Description	NVARCHAR	User Group description
_Retired	BIT	Flag if the check has been retired

tblUserGroupUsers

The many-to-many mapping of a User to a User Group.

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_UpdatedTime	DATETIME	Updated time for the record
_UserGUID	UNIQUEIDENTIFIER [FK]	GUID for the related User. FK to tblUsers on _GUID
_UserGroupGUID	UNIQUEIDENTIFIER [FK]	GUID for the related queue. FK to tblUserGroups on _GUID
_Retired	BIT	Flag if the check has been retired

tblUserSessions

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_UpdatedTime	DATETIME	Updated time for the record
_EntityGUID	UNIQUEIDENTIFIER [FK]	Entity GUID, FK to tblEntityDataItems_f109e0f2-ea37-4b9f-9e15-7670d59bf6a0 join ON _GUID
_Created	DATETIME	Session Create time
_LastRequest	DATETIME	Last request time
_IPAddress	NVARCHAR	IP Address for the session
_XForwardFor	NVARCHAR	Originating IP Address list.
_AuthenticationResult	INT [FK]	Target duration units, FK to tblAuthenticationResults join ON _AuthenticationResult
_GUI	INT [FK]	Target duration units, FK to tblAuthenticatedForGUI join ON _AuthenticatedForGUI
_UserGUID	UNIQUEIDENTIFIER [FK]	User GUID, FK to tblUsers join ON _GUID
_Username	NVARCHAR	The username of the user
_Ended	DATETIME	Time Session Ended
_EndReason	INT [FK]	Target duration units, FK to tblUserSessionEndReason join ON _EndReason
_LastRequestURI	NVARCHAR	The last URI User requested
_UsedSingleSignOn	BIT	Flag to indicate Single Sign On Used.

tblUserAuditEntries

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_UpdatedTime	DATETIME	Updated time for the record
_UserGUID	UNIQUEIDENTIFIER [FK]	User GUID, FK to tblUsers join ON _GUID
_ChangeMadeBy_UserGUID	UNIQUEIDENTIFIER [FK]	User GUID, FK to tblUsers join ON _GUID

Column Name	Data Type	Description
_ChangedOn	DATETIME,	Date this was Changed
_Activity	INT,	Reason for Change, FK to tblUserAuditEntryActivity join ON _Activity
_PropertyName	NVARCHAR	The property that was changed
_OldBitValue	BIT	Old value for bit fields
_NewBitValue	BIT	New value for bit fields
_OldTextValue	NVARCHAR	Old value for text field
_NewTextValue	NVARCHAR	New value for text field
_OldNumberValue	BIGINT	Old value for number field
_NewNumberValue	BIGINT	New value for number field
_OldDecimalValue	DECIMAL	Old value for decimal field
_NewDecimalValue	DECIMAL	New value for decimal field
_OldDateTimeValue	DATETIME	Old value for date field
_NewDateTimeValue	DATETIME	New value for date field
_OldGUIDValue	UNIQUEIDENTIFIER	Old value for guid field
_NewGUIDValue	UNIQUEIDENTIFIER	New value for guid field

tblEntityDataItems_f109e0f2-ea37-4b9f-9e15-7670d59bf6a0

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key – with Unique GUID values
_UpdatedTime	DATETIME	Updated time for the record

Additional columns are unique to your configuration.

tblObjectAccessPermissions

This table links users to object access permissions. The existence of a row in this table confirms the user has been granted access to that object. If no row exists in this table then the user should not be presented with data for that related object.

The _ObjectGUID may be the Primary Key from:

- tblCompanies
- tblContracts
- tblServices
- tblCases
- tblTickets

Column Name	Data Type	Description
_UserGUID	UNIQUEIDENTIFIER [PK]	Forms part of composite primary key
_ObjectGUID	UNIQUEIDENTIFIER [PK]	Forms part of composite primary key

Checklists

Checklists are the list of checks which need to be completed on a given work item. Checks can either be local to specific actions or global across standard action templates.

tblPacketChecklists

This table holds details on checklists such as who completed the check and when.

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_UpdatedTime	DATETIME	Updated time for the record
_PacketGUID	UNIQUEIDENTIFIER [FK]	Packet GUID, FK to tblPackets join ON _GUID
_GlobalChecklistsGUID	UNIQUEIDENTIFIER [FK]	Global checklists GUID, FK to tblGlobalChecklists join ON _GUID
_LocalChecklistsGUID	UNIQUEIDENTIFIER [FK]	Local checklists GUID, GK to tblLocalChecklists join ON _GUID
_Order	INT	The order number in the list of checks
_Result	INT	ENUM (numerical) values. The results details will be present in tblPacketChecklistResults join ON _PacketChecklistResult
_Note	NVARCHAR	Any notes made by the user when doing the check
_PeerReviewNote	NVARCHAR	Any notes made during the peer review of the check
_CheckedOn	DATETIME	Datetime when the check took place
_CheckedBy_UserGUID	UNIQUEIDENTIFIER [FK]	The user who handled the check, FK to tblUsers join ON _GUID
_IsPeerReviewerChecklist	BIT	Flag to indicate if this is a peer reviewer checklist

tblLocalChecklists

This table holds details on local checklists such as the description.

Column Name	Data Type	Description
_GUID	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
_UpdatedTime	DATETIME	Updated time for the record
_ActionAttributeGUID	UNIQUEIDENTIFIER [FK]	Action Attribute GUID, FK to tblActionAttributes join ON _GUID
_Order	INT	The order number in the list of checks
_Description	NVARCHAR	Description of the check
_Retired	BIT	Flag if the check has been retired
_IsPeerReviewerChecklist	BIT	flag to indicate if this is a peer reviewer checklist

tblGlobalChecklists

This table holds details on global checklists such as the description.

Column Name	Data Type	Description
<u>_GUID</u>	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
<u>_UpdatedTime</u>	DATETIME	Updated time for the record
<u>_Order</u>	INT	The order number in the list of checks
<u>_Description</u>	NVARCHAR	Description of the check
<u>_Retired</u>	BIT	Flag if the check has been retired
<u>_ActionTypeGUID</u>	UNIQUEIDENTIFIER [FK]	Action Type GUID, FK to tblActionTypes join ON _GUID
<u>_IsPeerReviewerChecklist</u>	BIT	flag to indicate if this is a peer reviewer checklist

Localisation

Localisation enables the application to display text such as labels, column names and field names in the appropriate language for the user.

tblLocalisations

This table holds the localised text used in the application.

The `_GUID` column can be joined to the following tables to get localised values for the NVARCHAR data in `tblLocalisations`:

- `tblContracts` (for Name and Description)
- `tblServices` (for Name and Description)
- `tblCaseTypes` (for Name, Description and Process Group)
- `tblTicketTypes` (for Name, Description and Process Group)
- `tblActionTypes` (for Name, Description)
- `tblServiceLines` (for Name and Description)
- `tblActionGeneralAttributes` (for Instruction)
- `tblContactTags` (for Name and Description)
- `tblDefectCategories` (for Name)
- `tblDefectPartyAtFaultOptions` (for Name)
- `tblGlobalChecklists` (for Description)
- `tblLocalChecklists` (for Description)
- `tblQueues` (for Name)
- `tblSchedules` (for Name)
- `tblScheduleStructures` (for Name)
- `tblScheduleStructureDates` (for Name)
- `tblTicketCategories` (for Name)

Column Name	Data Type	Description
<code>_GUID</code>	UNIQUEIDENTIFIER [PK]	Primary key column, not unique
<code>_Language</code>	NVARCHAR [PK]	Primary key column, not unique
<code>_UpdatedTime</code>	DATETIME	Updated time for the record
<code>_Name</code>	NVARCHAR	Name text, nullable
<code>_Description</code>	NVARCHAR	Description text, nullable
<code>_Instruction</code>	NVARCHAR	Instruction text, nullable
<code>_ProcessGroup</code>	NVARCHAR	Process group, nullable

System Tables

These tables hold information like security audits

tblConfigurationAudits

This table holds details on local checklists such as the description.

Column Name	Data Type	Description
<u>_GUID</u>	UNIQUEIDENTIFIER [PK]	Primary key - with Unique GUID values
<u>_UpdatedTime</u>	DATETIME	Updated time for the record
<u>_Language</u>	NVARCHAR	The Language
<u>_UserGUID</u>	UNIQUEIDENTIFIER [FK]	User GUID, FK to blUsers join ON _GUID
<u>_AuditObjectGUID</u>	UNIQUEIDENTIFIER	Holds a guid for the particular object and links to table based on <u>_AuditObjectType</u>
<u>_AuditObjectType</u>	INT	Determines the type of object
<u>_AuditChangeType</u>	INT [FK]	ID of related Audit change type, FK to tblAuditChangeType join on <u>_AuditChangeType</u>

Fact Tables

A fact table stores strings with an assigned list of numeric values. Joining to these tables therefore outputs the (string) details associated with each value, acting as a ‘lookup’. For example, to return a Packet status of ‘Closed’ instead of ‘5’.

tblCompanyTypes

This table holds the description of company types.

Column Name	Data Type	Description
_CompanyType	INT [PK]	Primary key column used to join to tblCompanies ON _CompanyType [FK]
_Name	NVARCHAR	Customer type name

tblActionGeneralAttributeSkillTypes

This table holds the description for skill types.

Column Name	Data Type	Description
_SkillType	INT [PK]	Primary key column used to join to tblActionGeneralAttributes ON _SkillType [FK]
_Name	NVARCHAR	Name of the skill
_Description	NVARCHAR	Description of the skill

tblPacketActivityTypes

This table holds the work item (packet) activity type descriptions.

Column Name	Data Type	Description
_ActivityType	INT [PK]	Primary key column used to join to tblPacketActivities ON _Activity [FK]
_Name	NVARCHAR	Packet Activity Type Name

tblPacketCommunicationTypes

This table holds the description for work item (packet) communication types.

Column Name	Data Type	Description
_PacketCommunicationType	INT [PK]	Primary key column used to join to tblPacketCommunications ON _Type [FK]
_Name	NVARCHAR	Packet Communication Type Name

tblPacketCommunicationImportances

This table holds the description for communications importance.

Column Name	Data Type	Description
_PacketCommunicationImportance	INT [PK]	Primary key column used to join to tblPacketCommunications ON _Importance [FK]
_Name	NVARCHAR	Packet Communication Importance Type Name

tblPacketCommunicationScopes

This table holds the description for work item (packet) communication scopes.

Column Name	Data Type	Description
_PacketCommunicationScope	INT [PK]	Primary key column used to join to tblPacketCommunications ON _CommunicationScope [FK]
_Name	NVARCHAR	Packet Communication Scope Name

tblPacketCommunicationContactTypes

This table holds the description for work item (packet) communication contact types.

Column Name	Data Type	Description
_PacketCommunicationContactType	INT [PK]	Primary key column used to join to tblPacketCommunicationContacts ON _Type [FK]
_Name	NVARCHAR	Packet Communication Contact Type Name

tblActionGeneralAttributeRecordCountTypes

This table holds the description for general attribute record count types.

Column Name	Data Type	Description
_RecordCountType	INT [PK]	Primary key column used to join to tblCaseAttributes, tblTicketAttributes, and tblActionGeneralAttributes ON _RecordCount [FK]
_Name	NVARCHAR	Record count type name
_Description	NVARCHAR	Record count type description

tblAllowOverrideDueDates

This table holds the description for override due date types.

Column Name	Data Type	Description
_AllowOverrideDueDate	INT [PK]	Primary key column used to join to tblDueDateAttributes ON _AllowOverrideDueDate [FK]
_Name	NVARCHAR	Note to say if users can override due dates

tblPacketChecklistResults

This table holds the description for packet checklist results.

Column Name	Data Type	Description
_PacketChecklistResult	INT [PK]	Primary key column used to join to tblPacketChecklists ON _Result
_Name	NVARCHAR	The outcome of the check, where it passed the check or not

tblPacketAllocationReasons

This table holds details for packet allocation reasons.

Column Name	Data Type	Description
_ReasonType	INT [PK]	Primary key column used to join to tblPacketAllocationHistories ON _AllocationReason [FK]
_ReasonName	NVARCHAR	Reason for the packet allocation

tblTargetDurationUnits

This table holds the unit description for target duration.

Column Name	Data Type	Description
_TargetDurationUnit	INT [PK]	Primary key column used to join to tblDueDateAttributes ON _TargetDurationUnits [FK]
_Name	NVARCHAR	Description of the time units of target duration (e.g. working hours or working days)

tblRecordCountBehaviour

This table holds the names of the available record count behaviours

Column Name	Data Type	Description
_RecordCountBehaviour	INT [PK]	Primary key column
_Name	NVARCHAR	Description of record count behaviour i.e. Hide, Show – Don't Persist, Show – Persist

tblStepProgressionModes

This table holds the names of the various progression modes available

Column Name	Data Type	Description
<u>StepProgressionMode</u>	INT [PK]	Primary key column
<u>Name</u>	NVARCHAR	Description of the progression mode i.e. Manual, Automatic etc.

tblStartedByMethods

This table holds the names of the various methods used to start a Packet

Column Name	Data Type	Description
<u>StartedByMethod</u>	INT [PK]	Primary key column
<u>Name</u>	NVARCHAR	Description of the starting method i.e. By Workflow, By Robot etc.

tblStatusReasons

This table holds the description for reasons cases are on hold.

Column Name	Data Type	Description
<u>StatusReason</u>	INT [PK]	Primary key column
<u>Name</u>	NVARCHAR	The reason for the status
<u>Description</u>	NVARCHAR	Description of the reason

tblUserSessionEndReason

This table holds the description for reasons User Sessions Ended.

Column Name	Data Type	Description
<u>EndReason</u>	INT [PK]	Primary key column
<u>Name</u>	NVARCHAR	The reason for the status

tblAuthenticationResults

This table holds the description for reasons User Sessions Ended.

Column Name	Data Type	Description
<u>AuthenticationResult</u>	INT [PK]	Primary key column
<u>Name</u>	NVARCHAR	The reason for session end

tblAuthenticatedForGUI

Column Name	Data Type	Description
<u>AuthenticatedForGUI</u>	INT [PK]	Primary key column
<u>Name</u>	NVARCHAR	The reason for the authentication for gui

tblUserTypes

Column Name	Data Type	Description
<u>UserType</u>	INT [PK]	Primary key column
<u>Name</u>	NVARCHAR	The user type

tblUserAuditEntryActivity

Column Name	Data Type	Description
<u>Activity</u>	INT [PK]	Primary key column
<u>Name</u>	NVARCHAR	The activity type

tblWaitingFors

Column Name	Data Type	Description
<u>WaitingFor</u>	INT [PK]	Primary key column
<u>Name</u>	NVARCHAR	What is it waiting for
<u>Description</u>	NVARCHAR	Description of waiting for

tblActionSubTypes

Column Name	Data Type	Description
_SubType	INT [PK]	Primary key column
_Name	NVARCHAR	The action sub type
_Description	NVARCHAR	Description of action sub type

tblWaitTypes

Column Name	Data Type	Description
_WaitingType	INT [PK]	Primary key column
_Name	NVARCHAR	The Waiting for type
_Description	NVARCHAR	Description of waiting type

Obsolete Tables and Views

The following views and tables are obsolete and will be removed in a future version of Enate.

Table / View	Replacement
tblPacketProcessAttributeHistories	tblPacketTicketCategoryAttributeHistories