# 20.03. Field descriptions

The following tables list the main data tables in mSupply (there are some others, but we're not telling you about those!). This information will help you if you are building your own reports.

Note that if a field is indexed, finding information (querying) using that field will be very quick.

# **Main tables**

Table	Description			
Transactions	A transaction record is stored for each invoice			
Transaction lines	one transaction line record is created for each line on an invoice			
Items	An item record is created for each product or service purchased or supplied			
item_line	Each batch of stock at a particular location has one item_line record			
Names	ach patient, customer or supplier has one name record			
Purchase Orders	One record is created for each purchase order to a supplier			
Purchase Order Lines	Each record is an order for one item on a purchase order			
Quotes and Quote Lines	Quotations submitted by suppliers			
Tenders and Tender Lines	Tenders created to invite quote submissions from suppliers			
Requistions	Tables that store customer submitted stock and order data			
Stock take and Stock take lines	Stock takes and their related records			
Store	Information about a particular virtual store			
Drug_Register	Drug Registration records (for use in the Drug Registration module)			
Agreggator	Stored metrics for use in reports			

## **Foreign Keys**

#### Get your Foreign Keys here.

# **Other tables**

Table	Description
Abbreviations	Stores abbreviation codes and their expansion for dispensing directions
Account_code	Stores account codes associated with each item
Authorisations	Tables that store authorisers and pending authorisations
Backorders	One record for <i>Customer</i> backorder.
Bill of Materials	One record for each mSupply user
Contacts	One record for each contact
Currency	One record for each curency
Drug interactions	Drug interactions and Drug interaction groups
Item Categories	One record for item category
Labels	Miscellaneous labels
Location	Each record contains one shelf location.

Table	Description			
Log	Each record contains one event recorded by mSupply			
Users	One record for each mSupply user			
Item Departments	The departments that an item can be assigned to			
Item Directions	The default directions that are assigned to items			
Item notes	The notes that are attached to items			
Item Warning Link	A join table that stores which items have which warnings			
Name category tables	Tables that store the categories that can be assigned to names (customers, suppliers, donors, manufacturers etc.)			
Prescribers	One record for each prescriber			
Regimen records, Regimen and Regimen Lines	Everything to do with storing ARV regimen records			
Reminders	A reminder is an event with a due date- like a to-do			
Stores	Stores and join tables that control access per-store			
Warnings	The warnings which can be attached to items			
Custom stock fields Holds the details of the values that are selectable in the 5th - fields when receiving stock				

# Tables used internally that you most likely shouldn't be interested in

Table		Description						
Number and	Number re-us	e Stor	res serial	nur	ers such as invoice numbers			
Preferences		The	data for	eac	preference is in binary format.	You're	not interes	sted.
ltem store j	oin	-						
Field name	Descriptio	n				Туре	Length	Ind
Note that rec store	ords are crea	ted fo	r each ite	em-	ere should always be one reco	ord for e	ach item i	n eacl
id						Text		
store_ID						Text		
item_ID						Text		
inactive	true means visible	item i	s not vis	ible	this store. False means it is	bool		
						1	!	- I
Name store	join							
Name store Field name	join Descriptio	on			т	уре	Length	Ind
Field name	Descriptio		ed as ne	edec	That is a missing record implies			
Field name Note that rec	Descriptio		ed as ne	edec	that is a missing record implies			
Field name Note that rec for that store	Descriptio		ed as ne	edec	that is a missing record implies	s the na		
Field name Note that rec for that store id	Descriptio		ed as neo	edec	that is a missing record implies	s the na		
Field name Note that rec for that store id store_ID	Description ords are only	creat			that is a missing record implies To To in this store. Ealse means it	s the na ext ext		
Field name Note that rec for that store id store_ID name_ID	Description ords are only true means is visible	creat			that is a missing record implies To To in this store. Ealse means it	s the na ext ext ext		
Field name Note that rec for that store id store_ID name_ID inactive	Description ords are only true means is visible	creato	e is not v	visibl	that is a missing record implies To To in this store. Ealse means it	s the na ext ext ext		
Field name Note that rec for that store id store_ID name_ID inactive Name group	Description ords are only true means is visible	creato	e is not v	visibl	that is a missing record implies To To in this store. Ealse means it	s the na ext ext ext		
Field name Note that rec for that store id store_ID name_ID inactive Name group Field name	Description ords are only true means is visible	creato s name	e is not v Length	visibl	that is a missing record implies To To in this store. Ealse means it	s the na ext ext ext		
Field name Note that rec for that store id store_ID name_ID inactive Name group Field name id	Description ords are only true means is visible	creato s name <b>Type</b> Text	e is not v Length	visibl	that is a missing record implies To To in this store. Ealse means it	s the na ext ext ext		
Field name Note that rec for that store id store_ID name_ID inactive Name group Field name id name	Description	creato s namo <b>Type</b> Text Alpha	e is not v <b>Length</b> 40	/isibl	that is a missing record implies To To in this store. Ealse means it	s the na ext ext ext		

Name note					
Field name	Description	Туре	Length	Ind	
entry_date		Date			
note		Text			
name_key		Alpha	8		
id		Text			

#### Permissions

Field name	Description	Туре	Length	Ind	
item_dept_id		Text			
name_group_id	Stores which name groups have permission to be supplied which item departments	Text			

#### Prefs

Field name	Field name Description		Туре	Length	Ind
Πτοm	Internally used: storing preferenc favour of pref blob)	ces of text type(Now deprecated in	Alpha	20	
value	alue		Alpha	60	
Denerte			-	-	

# ReportsField nameDescriptionTypeLengthIndreport\_nameAlpha80report\_blobBLOBowner\_IDTextidTextlast\_updatedDate

# Ship method

Field name	Description	Туре	Length	Ind
id		Text		
method		Alpha	80	

# Sync out

Field name	Description	Туре	Length	Ind
id		Text		
type	I=insert, U=update, D=delete, M=merge, T=transfer	Alpha	2	
record_id	ID of the record to be synced	Text		
to_from_id	sync site ID to send the record	Long		
store_id store_id if store-specific data, the store ID for the record. For example a remote sync site might have multiple stores. If this sync_out record if for a transact record, the Store_ID that it's for. Can be blank		Text		
record_data	(deprecated)	BLOB		
table_num	Internal table number of the record	Long		
sequence	Integer for correct sync ordering	Long		
table_id_num	Internal field number for the ID field of the record's table	Long		
merge_ID_to_keep	ID of record being kept in merge	Text		
merge_ID_to_delete	ID of record being deleted in merge	Text		

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# **Transaction category**

<b>Field name</b>	Description	Туре	Length	Ind
id		Text		
category		Alpha	80	
type	"ci" for customer invoices "pi" for prescriptions "cc" for customer credits "si" for supplier invoices "sc" for supplier credits "sr for repacks "bu" for builds "in" for inventory adjustments	Alpha	3	

# **Transaction Notes**

Field name	Description	Туре	Length	Ind
id		Text		
note		Text		

### Units

Field name	Description	Туре	Length	Ind
id		Text		
units		Alpha	60	
comment		Text		

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