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# 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	Each 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.	

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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	ry tables  Tables that store the categories that can be assigned to names (customers, suppliers, donors, manufacturers etc.)	
Prescribers	ne record for each prescriber	
Regimen records, Regimen and Regimen Lines	records, Regimen  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 - 8th use fields when receiving stock	

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

Table		Description					
Number and Number re-use Stores serial numbers such as invoice numbers				ers			
Preferences The data for each preference is in binary format. You're not into					not interes	sted.	
Item store jo	oin						
Field name	Description				Туре	Length	Ind
Note that reco	ords are create	ed for each item-	there should always be one	reco	rd for e	ach item i	n each
id					Text		
store_ID					Text		
item_ID					Text		
inactive	true means it visible	em is not visible	in this store. False means it	is	bool		
Name store	join					•	
Field name	Description	1		Ty	уре	Length	Ind
Note that reco	ords are only c	reated as needed	d- that is a missing record in	plies	the na	ame is invi	sible
id				Te	ext		
store_ID		Text		ext			
name_ID				Te	ext		
inactive	true means i is visible	name is not visib	le in this store. False means	it bo	ool		
Name group							

id

name

Name note

note\_type

Field name Description Type Length Ind

Field name Description Type Length Ind

Text Alpha 40

Alpha 3

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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		

Р	re	fs
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Field name	Description	Туре	Length	Ind
IIτΔm	Internally used: storing preferences of text type(Now deprecated in favour of pref blob)	Alpha	20	
value		Alpha	60	

Reports					
Field name	Description	Туре	Length	Ind	
report_name		Alpha	80		
report_blob		BLOB			
owner_ID		Text			
id		Text			
last_updated		Date			

# Ship method

Field name	Description	Туре	Length	Ind
id		Text		
method		Alpha	80	

## Sync out

Field name	Description	Туре	Length	Ind
id		Text		
type	l=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	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**

Field name	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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