Field descriptions

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The following tables list the main 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 lines	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	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)

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
Backorders	One record for *Customer* 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
Log	Each record contains one event recorded by mSupply
Users	One record for each mSupply user

Table	Description
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 5	Holds the details of the values that are selectable in the 5th user field when receiving stock
Custom stock 6	Holds the details of the values that are selectable in the 6th user field when receiving stock
Custom stock 7	Holds the details of the values that are selectable in the 7th user field when receiving stock.
Custom stock 8	Holds the details of the values that are selectable in the 8th user field 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
Preferences	The data for each preference is in binary format. You're not interested.

Item store join

Field name	Description	Type	Length	Ind
Note that records are created for each item- there should always be one record for each item in each store				
id		Long		
store_ID		Long		
item_ID		Long		
inactive	true means item is not visible in this store. False means it is visible	bool		

Name store join

Field name	Description	Type	Length	Ind
Note that records are only created as needed- that is a missing record implies the name is invisible for that store				
id		Long		
store_ID		Long		
name_ID		Long		
inactive	true means name is not visible in this store. False means it is visible	bool		

Name group

Field name	Description	Type	Length	Ind
key		Long		

Name group

Field name	Description	Type	Length	Ind
name		Alpha	40	

Name note

Field name	Description	Type	Length	Ind
note_type		Alpha	3	
entry_date		Date		
note		Text		
name_key		Alpha	8	
key		Long		

Permissions

Field name	Description	Type	Length	Ind
item_dept_key		Long		
name_group_key		Long Ind		

Permissions

Field name	Description	Type	Length	Ind
name_group_key	Stores which name groups have permission to be supplied which item departments	Long		
item_dept_key		Long		

Prefs

Field name	Description	Type	Length	Ind
item	Internally used: storing preferences of text type(Now deprecated in favour of pref blob)	Alpha	20	
value		Alpha	60	

Reports

Field name	Description	Type	Length	Ind
report_name		Alpha	80	
report_blob		BLOB		
owner_key		Long		
key		Long		
last_updated		Date		

Ship method

Field name	Description	Type	Length	Ind
key		Long		
method		Alpha	80	

Transaction category

Field name	Description	Type	Length	Ind
key		Long		
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	Type	Length	Ind
key		Long		
note		Text		

Units

Field name	Description	Type	Length	Ind
key		Long		
units		Alpha	60	
comment		Text		

Web favourites

Field name	Description	Type	Length	Ind
name_key		Alpha	8	
Item_key		Alpha	8	
type		Alpha	3	

Web messages

Field name	Description	Type	Length	Ind
key		Long		
active		Boolean		
show_until_date		Date		
headline		Text		
message		Text		

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