

6

SugarCRM Data Dictionary

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In Chapter 5 we looked at the SugarCRM database schematics – this showed us all of the relationships between the tables in the database. We'll now turn our attention to the individual tables themselves.

Differences between Versions 4.5.0 and 4.5.1

You'll find that some minor changes in the table structures between SugarCRM version 4.5.0 and 4.5.1. The changes are:

- One or two additional fields in 4.5.1 – these are all marked in the table definitions.
- The data type for each *id* field has been changed from varchar to char. This has no effect on the operation of the database, but can potentially save some of the space required to store the data.

SugarCRM Table Definitions

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Having seen how the tables are related together, and the fields that are used to do that, we can now look at the other fields that make up each table. Each table definition contains:

- Field name
- Field type, width and any additional information (such as auto_increment)
- If a null value is allowed
- Index details – this will either be PRI – primary index, or MUL – duplicate entries allowed
- The default value

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Accounts

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
modified_user_id	char(36)			
assigned_user_id	char(36)	YES		NULL
created_by	char(36)	YES		NULL
name	varchar(150)	YES		NULL
parent_id	char(36)	YES	MUL	NULL
account_type	varchar(25)	YES		NULL
industry	varchar(25)	YES		NULL
annual_revenue	varchar(25)	YES		NULL
phone_fax	varchar(25)	YES		NULL
billing_address_street	varchar(150)	YES		NULL
billing_address_city	varchar(100)	YES		NULL
billing_address_state	varchar(100)	YES		NULL
billing_address_postalcode	varchar(20)	YES		NULL
billing_address_country	varchar(100)	YES		NULL
description	text	YES		NULL
rating	varchar(25)	YES		NULL
phone_office	varchar(25)	YES		NULL
phone_alternate	varchar(25)	YES		NULL
email1	varchar(100)	YES		NULL
email2	varchar(100)	YES		NULL
website	varchar(255)	YES		NULL
ownership	varchar(100)	YES		NULL
employees	varchar(10)	YES		NULL
sic_code	varchar(10)	YES		NULL

Field Name	Field Type	Null Allowed	Index	Default Value
ticker_symbol	varchar(10)	YES		NULL
shipping_address_street	varchar(150)	YES		NULL
shipping_address_city	varchar(100)	YES		NULL
shipping_address_state	varchar(100)	YES		NULL
shipping_address_postalcode	varchar(20)	YES		NULL
shipping_address_country	varchar(100)	YES		NULL
deleted	tinyint(1)		MUL	0
campaign_id	char(36)	YES		NULL

This table is used in the database schematics:

- Accounts
- Bugs
- Cases
- Contacts
- Emails
- Leads
- Opportunities
- Projects
- Users

Field campaign_id added in version 4.5.1

accounts_audit

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)			
parent_id	char(36)			
date_created	datetime	YES		NULL
created_by	char(36)	YES		NULL
field_name	varchar(100)	YES		NULL

SugarCRM Data Dictionary

Field Name	Field Type	Null Allowed	Index	Default Value
data_type	varchar(100)	YES		NULL
before_value_string	varchar(255)	YES		NULL
after_value_string	varchar(255)	YES		NULL
before_value_text	text	YES		NULL
after_value_text	text	YES		NULL

This table is used in the database schematic:

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- Accounts

accounts_bugs

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
account_id	char(36)	YES	MUL	NULL
bug_id	char(36)	YES	MUL	NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematics:

- Accounts
- Bugs

accounts_cases

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
account_id	char(36)	YES	MUL	NULL
case_id	char(36)	YES	MUL	NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematics:

- Accounts
- Cases

accounts_contacts

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
contact_id	char(36)	YES	MUL	NULL
account_id	char(36)	YES	MUL	NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematics:

- Accounts
- Contacts

accounts_opportunities

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
opportunity_id	char(36)	YES	MUL	NULL
account_id	char(36)	YES	MUL	NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematics:

- Accounts
- Opportunities

acl_actions

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
modified_user_id	char(36)			
created_by	char(36)	YES		NULL
name	varchar(150)	YES		NULL
category	varchar(100)	YES		NULL
acltype	varchar(100)	YES		NULL
aclaccess	int(3)	YES		NULL
deleted	tinyint(1)	YES		0

This table is used in the database schematic:

- Access Control List

acl_roles

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
modified_user_id	char(36)			
created_by	char(36)	YES		NULL
name	varchar(150)	YES		NULL
description	text	YES		NULL
deleted	tinyint(1)	YES		0

This table is used in the database schematics:

- Access Control List
- Users

acl_roles_actions

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
role_id	char(36)	YES	MUL	NULL
action_id	char(36)	YES	MUL	NULL
access_override	int(3)	YES		NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)	YES		0

This table is used in the database schematic:

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- Access Control List

acl_roles_users

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
role_id	char(36)	YES	MUL	NULL
user_id	char(36)	YES	MUL	NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)	YES		0

This table is used in the database schematics:

- Access Control List
- Users

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Bugs

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
bug_number	int(11) auto_increment		MUL	NULL
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
modified_user_id	char(36)			
assigned_user_id	char(36)	YES		NULL
deleted	tinyint(1)			0
name	varchar(255)	YES	MUL	NULL
status	varchar(25)	YES		NULL
priority	varchar(25)	YES		NULL
description	text	YES		NULL
created_by	char(36)	YES		NULL
resolution	varchar(255)	YES		NULL
found_in_release	varchar(255)	YES		NULL
type	varchar(255)	YES		NULL
fixed_in_release	varchar(255)	YES		NULL
work_log	text	YES		NULL
source	varchar(255)	YES		NULL
product_category	varchar(255)	YES		NULL

This table is used in the database schematics:

- Accounts
- Bugs
- Cases
- Contacts
- Emails
- Users

bugs_audit

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)			
parent_id	char(36)			
date_created	datetime	YES		NULL
created_by	char(36)	YES		NULL
field_name	varchar(100)	YES		NULL
data_type	varchar(100)	YES		NULL
before_value_string	varchar(255)	YES		NULL
after_value_string	varchar(255)	YES		NULL
before_value_text	text	YES		NULL
after_value_text	text	YES		NULL

This table is used in the database schematic:

- Bugs

Calls

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
assigned_user_id	char(36)	YES		NULL
modified_user_id	char(36)	YES		NULL
created_by	char(36)	YES		NULL
name	varchar(50)	YES	MUL	NULL
duration_hours	int(2)	YES		NULL
duration_minutes	int(2)	YES		NULL
date_start	date	YES		NULL
time_start	time	YES		NULL

SugarCRM Data Dictionary

Field Name	Field Type	Null Allowed	Index	Default Value
date_end	date	YES		NULL
parent_type	varchar(25)	YES		NULL
status	varchar(25)	YES		NULL
direction	varchar(25)	YES		NULL
parent_id	char(36)	YES		NULL
description	text	YES		NULL
deleted	tinyint(1)			0
reminder_time	int(4)	YES		-1
outlook_id	varchar(255)	YES		NULL

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This table is used in the database schematics:

- Accounts
- Calls
- Cases
- Contacts
- Leads
- Opportunities
- Projects
- Project Tasks
- Users

calls_contacts

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
call_id	char(36)	YES	MUL	NULL
contact_id	char(36)	YES	MUL	NULL
required	char(1)	YES		1
accept_status	varchar(25)	YES		none
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematics:

- Calls
- Contacts

calls_users

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
call_id	char(36)	YES	MUL	NULL
user_id	char(36)	YES	MUL	NULL
required	char(1)	YES		1
accept_status	varchar(25)	YES		none
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematics:

- Calls
- Users

campaign_log

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
campaign_id	char(36)	YES	MUL	NULL
target_tracker_key	char(36)	YES	MUL	NULL
target_id	char(36)	YES		NULL
target_type	varchar(25)	YES		NULL
activity_type	varchar(25)	YES		NULL
activity_date	datetime	YES		NULL
related_id	char(36)	YES		NULL
related_type	varchar(25)	YES		NULL
archived	tinyint(1)	YES		0
hits	int(11)	YES		0

SugarCRM Data Dictionary

Field Name	Field Type	Null Allowed	Index	Default Value
list_id	char(36)	YES		NULL
deleted	tinyint(1)	YES		0
date_modified	datetime	YES		NULL
more_information	varchar(100)	YES	MUL	NULL
marketing_id	char(36)	YES		NULL

This table is used in the database schematics:

- Campaigns
- Contacts

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Added in version 4.5.1

campaign_trkrs

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
tracker_name	varchar(30)	YES		NULL
tracker_url	varchar(255)	YES		http://
tracker_key	int(11) auto_increment		MUL	NULL
campaign_id	char(36)	YES		NULL
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
modified_user_id	char(36)	YES		NULL
created_by	char(36)	YES		NULL
is_optout	tinyint(1)			0
deleted	tinyint(1)			0

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This table is used in the database schematic:

- Campaigns

Campaigns

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
tracker_key	int(11) auto_ increment		MUL	NULL
tracker_count	int(11)	YES		0
name	varchar(50)	YES	MUL	NULL
refer_url	varchar(255)	YES		http://
tracker_text	varchar(255)	YES		NULL
date_entered	datetime	YES		NULL
date_modified	datetime	YES		NULL
modified_user_ id	char(36)	YES		NULL
assigned_user_id	char(36)	YES		NULL
created_by	char(36)	YES		NULL
deleted	tinyint(1)			0
start_date	date	YES		NULL
end_date	date	YES		NULL
status	varchar(25)	YES		NULL
currency_id	char(36)	YES		NULL
budget	double	YES		NULL
expected_cost	double	YES		NULL
actual_cost	double	YES		NULL
expected_ revenue	double	YES		NULL
campaign_type	varchar(25)	YES		NULL
objective	text	YES		NULL
content	text	YES		NULL
impressions	int(11)	YES		0
frequency	varchar(25)	YES		NULL

This table is used in the database schematics:

- Campaigns
- Email Management
- Leads
- Prospects
- Users

Added in version 4.5.1

campaigns_audit

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Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)			
parent_id	char(36)			
date_created	datetime	YES		NULL
created_by	char(36)	YES		NULL
field_name	varchar(100)	YES		NULL
data_type	varchar(100)	YES		NULL
before_value_string	varchar(255)	YES		NULL
after_value_string	varchar(255)	YES		NULL
before_value_text	text	YES		NULL
after_value_text	text	YES		NULL

This table is used in the database schematic:

- Campaigns

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Cases

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
case_number	int(11) auto_increment		MUL	NULL
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
modified_user_id	char(36)			
assigned_user_id	char(36)	YES		NULL
created_by	char(36)	YES		NULL
deleted	tinyint(1)			0
name	varchar(255)	YES	MUL	NULL
account_id	char(36)	YES		NULL
status	varchar(25)	YES		NULL
priority	varchar(25)	YES		NULL
description	text	YES		NULL
resolution	text	YES		NULL

This table is used in the database schematics:

- Accounts
- Bugs
- Cases
- Contacts
- Emails
- Users

cases_audit

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)			
parent_id	char(36)			
date_created	datetime	YES		NULL
created_by	char(36)	YES		NULL
field_name	varchar(100)	YES		NULL
data_type	varchar(100)	YES		NULL
before_value_string	varchar(255)	YES		NULL
after_value_string	varchar(255)	YES		NULL
before_value_text	text	YES		NULL
after_value_text	text	YES		NULL

This table is used in the database schematic:

- Cases

cases_bugs

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
case_id	char(36)	YES	MUL	NULL
bug_id	char(36)	YES	MUL	NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematics:

- Bugs
- Cases

Config

Field Name	Field Type	Null Allowed	Index	Default Value
category	varchar(32)	YES	MUL	NULL
name	varchar(32)	YES		NULL
value	text	YES		NULL

Contacts

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
deleted	tinyint(1)		MUL	0
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
modified_user_id	char(36)	YES		NULL
assigned_user_id	char(36)	YES	MUL	NULL
created_by	char(36)	YES		NULL
salutation	varchar(5)	YES		NULL
first_name	varchar(100)	YES		NULL
last_name	varchar(100)	YES	MUL	NULL
lead_source	varchar(100)	YES		NULL
title	varchar(50)	YES		NULL
department	varchar(100)	YES		NULL
reports_to_id	char(36)	YES		NULL
birthdate	date	YES		NULL
do_not_call	varchar(3)	YES		0
phone_home	varchar(25)	YES		NULL
phone_mobile	varchar(25)	YES		NULL
phone_work	varchar(25)	YES		NULL
phone_other	varchar(25)	YES		NULL
phone_fax	varchar(25)	YES		NULL
email1	varchar(100)	YES	MUL	NULL
email2	varchar(100)	YES	MUL	NULL
assistant	varchar(75)	YES		NULL
assistant_phone	varchar(25)	YES		NULL
email_opt_out	varchar(3)	YES		0
primary_address_street	varchar(150)	YES		NULL
primary_address_city	varchar(100)	YES		NULL
primary_address_state	varchar(100)	YES		NULL

SugarCRM Data Dictionary

Field Name	Field Type	Null Allowed	Index	Default Value
primary_address_postalcode	varchar(20)	YES		NULL
primary_address_country	varchar(100)	YES		NULL
alt_address_street	varchar(150)	YES		NULL
alt_address_city	varchar(100)	YES		NULL
alt_address_state	varchar(100)	YES		NULL
alt_address_postalcode	varchar(20)	YES		NULL
alt_address_country	varchar(100)	YES		NULL
description	text	YES		NULL
portal_name	varchar(255)	YES		NULL
portal_active	tinyint(1)			0
portal_app	varchar(255)	YES		NULL
invalid_email	tinyint(1)	YES		0
campaign_id	char(36)	YES		NULL

This table is used in the database schematics:

- Accounts
- Bugs
- Calls
- Cases
- Contacts
- Emails
- Leads
- Meetings
- Opportunities
- Projects
- Users

Added in version 4.5.1

contacts_audit

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)			
parent_id	char(36)			
date_created	datetime	YES		NULL
created_by	char(36)	YES		NULL
field_name	varchar(100)	YES		NULL
data_type	varchar(100)	YES		NULL
before_value_string	varchar(255)	YES		NULL
after_value_string	varchar(255)	YES		NULL
before_value_text	text	YES		NULL
after_value_text	text	YES		NULL

This table is used in the database schematic:

- Contacts

contacts_bugs

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
contact_id	char(36)	YES	MUL	NULL
bug_id	char(36)	YES	MUL	NULL
contact_role	varchar(50)	YES		NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematics:

- Bugs
- Contacts

contacts_cases

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
contact_id	char(36)	YES	MUL	NULL
case_id	char(36)	YES	MUL	NULL
contact_role	varchar(50)	YES		NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematics:

- Cases
- Contacts

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contacts_users

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
contact_id	char(36)	YES	MUL	NULL
user_id	char(36)	YES	MUL	NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematics:

- Contacts
- Users

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Currencies

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
name	char(36)		MUL	
symbol	char(36)			
iso4217	varchar(3)			
conversion_rate	double			0
status	varchar(25)	YES		NULL
deleted	tinyint(1)			0
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
created_by	char(36)			

This table is used in the database schematic:

- Campaigns

custom_fields

Field Name	Field Type	Null Allowed	Index	Default Value
bean_id	char(36)	YES	MUL	NULL
set_num	int(11)	YES		0
field0	varchar(255)	YES		NULL
field1	varchar(255)	YES		NULL
field2	varchar(255)	YES		NULL
field3	varchar(255)	YES		NULL
field4	varchar(255)	YES		NULL
field5	varchar(255)	YES		NULL
field6	varchar(255)	YES		NULL
field7	varchar(255)	YES		NULL
field8	varchar(255)	YES		NULL
field9	varchar(255)	YES		NULL
deleted	tinyint(1)	YES		0

Dashboards

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
deleted	tinyint(1)			0
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
modified_user_id	char(36)			
assigned_user_id	char(36)	YES		NULL
created_by	char(36)	YES		NULL
name	varchar(100)	YES	MUL	NULL
description	text	YES		NULL
content	text	YES		NULL

This table is used in the database schematic:

- Users

document_revisions

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
change_log	varchar(255)	YES		NULL
document_id	char(36)	YES		NULL
date_entered	datetime	YES		NULL
created_by	char(36)	YES		NULL
filename	varchar(255)			
file_ext	varchar(25)	YES		NULL
file_mime_type	varchar(100)	YES		NULL
revision	varchar(25)	YES		NULL
deleted	tinyint(1)	YES		0
date_modified	datetime	YES		NULL

This table is used in the database schematic:

- Documents

Documents

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
document_name	varchar(255)			
active_date	date	YES		NULL
exp_date	date	YES		NULL
description	text	YES		NULL
category_id	varchar(25)	YES	MUL	NULL
subcategory_id	varchar(25)	YES		NULL
status_id	varchar(25)	YES		NULL
date_entered	datetime	YES		NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)	YES		0
modified_user_id	char(36)	YES		NULL
created_by	char(36)	YES		NULL
document_revision_id	char(36)	YES		NULL
mail_merge_document	varchar(3)	YES		off
related_doc_id	char(36)	YES		NULL
related_doc_rev_id	char(36)	YES		NULL
is_template	tinyint(1)	YES		0
template_type	varchar(25)	YES		NULL

This table is used in the database schematic:

- Documents

email_marketing

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
deleted	tinyint(1)		MUL	0
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
modified_user_id	char(36)	YES		NULL
created_by	char(36)	YES		NULL
name	varchar(255)	YES	MUL	NULL
from_addr	varchar(100)	YES		NULL
from_name	varchar(100)	YES		NULL
inbound_email_id	char(36)	YES		NULL
date_start	date	YES		NULL
time_start	time	YES		NULL
template_id	char(36)			
status	varchar(25)			
campaign_id	char(36)	YES		NULL
all_prospect_lists	tinyint(1)	YES		0

This table is used in the database schematics:

- Email Management
- Prospects

email_marketing_prospect_lists

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
prospect_list_id	char(36)	YES		NULL
email_marketing_id	char(36)	YES	MUL	NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)	YES		0

This table is used in the database schematics:

- Email Management
- Prospects

email_templates

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
modified_user_id	char(36)	YES		NULL
created_by	char(36)	YES		NULL
published	varchar(3)	YES		NULL
name	varchar(255)	YES	MUL	NULL
description	text	YES		NULL
subject	varchar(255)	YES		NULL
body	text	YES		NULL
body_html	text	YES		NULL
deleted	tinyint(1)			0
campaign_id	tinyint(1)	YES		0

This table is used in the database schematic:

- Email Management

Added in version 4.5.1

emailman

Field Name	Field Type	Null Allowed	Index	Default Value
date_entered	datetime	YES		NULL
date_modified	datetime	YES		NULL
user_id	char(36)	YES		NULL
id	int(11) auto_increment		PRI	NULL
campaign_id	char(36)	YES	MUL	NULL
marketing_id	char(36)	YES		NULL
list_id	char(36)	YES	MUL	NULL
send_date_time	datetime	YES		NULL

SugarCRM Data Dictionary

Field Name	Field Type	Null Allowed	Index	Default Value
modified_user_id	char(36)	YES		NULL
in_queue	tinyint(1)	YES		0
in_queue_date	datetime	YES		NULL
send_attempts	int(11)	YES		0
deleted	tinyint(1)	YES		0
related_id	char(36)	YES		NULL
related_type	varchar(100)	YES		NULL

This table is used in the database schematics:

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ebrary

- Campaigns
- Email Management
- Users

Emails

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
assigned_user_id	char(36)	YES	MUL	NULL
modified_user_id	char(36)	YES		NULL
created_by	char(36)	YES		NULL
name	varchar(255)	YES	MUL	NULL
date_start	date	YES		NULL
time_start	time	YES		NULL
parent_type	varchar(25)	YES		NULL
parent_id	char(36)	YES	MUL	NULL
description	longtext	YES		NULL
description_html	longtext	YES		NULL
from_addr	varchar(100)	YES		NULL
from_name	varchar(100)	YES		NULL

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ebrary

Field Name	Field Type	Null Allowed	Index	Default Value
to_addrs	text	YES		NULL
cc_addrs	text	YES		NULL
bcc_addrs	text	YES		NULL
to_addrs_ids	text	YES		NULL
to_addrs_names	text	YES		NULL
to_addrs_emails	text	YES		NULL
cc_addrs_ids	text	YES		NULL
cc_addrs_names	text	YES		NULL
cc_addrs_emails	text	YES		NULL
bcc_addrs_ids	text	YES		NULL
bcc_addrs_names	text	YES		NULL
bcc_addrs_emails	text	YES		NULL
type	varchar(25)	YES		NULL
status	varchar(25)	YES		NULL
message_id	varchar(100)	YES	MUL	NULL
reply_to_name	varchar(100)	YES		NULL
reply_to_addr	varchar(100)	YES		NULL
intent	varchar(25)	YES		pick
mailbox_id	char(36)	YES		NULL
raw_source	longtext	YES		NULL
deleted	tinyint(1)			0

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This table is used in the database schematics:

- Accounts
- Bugs
- Cases
- Contacts
- Emails
- Leads
- Opportunities

- Projects
- Project Tasks
- Prospects
- Users

emails_accounts

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
email_id	char(36)	YES	MUL	NULL
account_id	char(36)	YES	MUL	NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematics:

- Accounts
- Emails

emails_bugs

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
email_id	char(36)	YES	MUL	NULL
bug_id	char(36)	YES	MUL	NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematics:

- Bugs
- Emails

emails_cases

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
email_id	char(36)	YES	MUL	NULL
case_id	char(36)	YES	MUL	NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematics:

- Cases
- Emails

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ebrary

emails_contacts

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
email_id	char(36)	YES	MUL	NULL
contact_id	char(36)	YES	MUL	NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0
campaign_data	text	YES		NULL

This table is used in the database schematics:

- Contacts
- Emails

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ebrary

Added in version 4.5.1

emails_leads

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
email_id	char(36)	YES	MUL	NULL
lead_id	char(36)	YES	MUL	NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0
campaign_data	text	YES		NULL

Added in version 4.5.1

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ebruary

emails_opportunities

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
email_id	char(36)	YES	MUL	NULL
opportunity_id	char(36)	YES	MUL	NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematics:

- Emails
- Leads

emails_project_tasks

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
email_id	char(36)	YES	MUL	NULL
project_task_id	char(36)	YES	MUL	NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematics:

- Emails
- Project Tasks

emails_projects

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
email_id	char(36)	YES	MUL	NULL
project_id	char(36)	YES	MUL	NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematics:

- Emails
- Projects

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ebrary

emails_prospects

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
email_id	char(36)	YES	MUL	NULL
prospect_id	char(36)	YES	MUL	NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0
campaign_data	text	YES		NULL

This table is used in the database schematics:

- Emails
- Prospects

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ebrary

Added in version 4.5.1

emails_tasks

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
email_id	char(36)	YES	MUL	NULL
task_id	char(36)	YES	MUL	NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematic:

- Emails

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ebruary

emails_users

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
email_id	char(36)	YES	MUL	NULL
user_id	char(36)	YES	MUL	NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0
campaign_data	text	YES		NULL

This table is used in the database schematics:

- Emails
- Users

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ebruary

Added in version 4.5.1

Feeds

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
deleted	tinyint(1)			0
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00

Field Name	Field Type	Null Allowed	Index	Default Value
modified_user_id	char(36)			
assigned_user_id	char(36)	YES		NULL
created_by	char(36)	YES		NULL
title	varchar(100)	YES	MUL	NULL
description	text	YES		NULL
url	varchar(255)	YES		NULL

This table is used in the database schematic:

- Users

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ebrary

fields_meta_data

Field Name	Field Type	Null Allowed	Index	Default Value
id	varchar(255)		PRI	
name	varchar(255)	YES		NULL
label	varchar(255)	YES		NULL
help	varchar(255)	YES		NULL
custom_module	varchar(255)	YES		NULL
data_type	varchar(255)	YES		NULL
max_size	int(11)	YES		NULL
required_option	varchar(255)	YES		NULL
default_value	varchar(255)	YES		NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)	YES		0
audited	tinyint(1)	YES		0
mass_update	tinyint(1)	YES		0
duplicate_merge	smallint(6)	YES		0
ext1	varchar(255)	YES		
ext2	varchar(255)	YES		
ext3	varchar(255)	YES		
ext4	text	YES		NULL

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Files

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
name	char(36)	YES		NULL
content	blob	YES		NULL
deleted	tinyint(1)			0
date_entered	datetime			0000-00-00 00:00:00
assigned_user_id	char(36)	YES		NULL

This table is used in the database schematic:

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ebrary

- Users

iframes

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
name	varchar(255)		MUL	
url	varchar(255)			
type	varchar(255)			
placement	varchar(255)			
status	tinyint(1)			0
deleted	tinyint(1)			0
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
created_by	char(36)			

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ebrary

import_maps

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
name	char(36)			
source	char(36)			
module	char(36)			
content	blob	YES		NULL
has_header	tinyint(1)			1

Field Name	Field Type	Null Allowed	Index	Default Value
deleted	tinyint(1)			0
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
assigned_user_id	char(36)	YES	MUL	NULL
is_published	varchar(3)			no

This table is used in the database schematic:

- Users

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ebruary

inbound_email

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
deleted	tinyint(1)			0
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
modified_user_id	char(36)	YES		NULL
created_by	char(36)	YES		NULL
name	varchar(255)	YES		NULL
status	varchar(25)			Active
server_url	varchar(100)			
email_user	varchar(100)			
email_password	varchar(100)			
port	int(5)			0
service	varchar(50)			
mailbox	varchar(50)			
delete_seen	tinyint(1)	YES		0
mailbox_type	varchar(10)	YES		NULL
template_id	char(36)	YES		NULL
stored_options	text	YES		NULL
group_id	char(36)	YES		NULL

This table is used in the database schematic:

- Email Management

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ebruary

inbound_email_autoreply

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
deleted	tinyint(1)			0
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
autoreplied_to	varchar(100)		MUL	

Leads

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ebruary

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
deleted	tinyint(1)			0
converted	tinyint(1)			0
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
modified_user_id	char(36)	YES		NULL
assigned_user_id	char(36)	YES	MUL	NULL
created_by	char(36)	YES		NULL
salutation	varchar(5)	YES		NULL
first_name	varchar(25)	YES		NULL
last_name	varchar(25)	YES	MUL	NULL
title	varchar(100)	YES		NULL
referred_by	varchar(100)	YES		NULL
lead_source	varchar(100)	YES		NULL
lead_source_description	text	YES		NULL
status	varchar(100)	YES		NULL
status_description	text	YES		NULL
department	varchar(100)	YES		NULL
reports_to_id	char(36)	YES		NULL
do_not_call	varchar(3)	YES		0
phone_home	varchar(25)	YES		NULL
phone_mobile	varchar(25)	YES		NULL
phone_work	varchar(25)	YES		NULL

Field Name	Field Type	Null Allowed	Index	Default Value
phone_other	varchar(25)	YES		NULL
phone_fax	varchar(25)	YES		NULL
email1	varchar(100)	YES	MUL	NULL
email2	varchar(100)	YES	MUL	NULL
email_opt_out	varchar(3)	YES		0
primary_address_street	varchar(150)	YES		NULL
primary_address_city	varchar(100)	YES		NULL
primary_address_state	varchar(100)	YES		NULL
primary_address_postalcode	varchar(20)	YES		NULL
primary_address_country	varchar(100)	YES		NULL
alt_address_street	varchar(150)	YES		NULL
alt_address_city	varchar(100)	YES		NULL
alt_address_state	varchar(100)	YES		NULL
alt_address_postalcode	varchar(20)	YES		NULL
alt_address_country	varchar(100)	YES		NULL
description	text	YES		NULL
account_name	varchar(150)	YES		NULL
account_description	text	YES		NULL
contact_id	char(36)	YES	MUL	NULL
account_id	char(36)	YES	MUL	NULL
opportunity_id	char(36)	YES	MUL	NULL
opportunity_name	varchar(255)	YES		NULL
opportunity_amount	varchar(50)	YES		NULL
campaign_id	char(36)	YES		NULL
portal_name	varchar(255)	YES		NULL
portal_app	varchar(255)	YES		NULL
invalid_email	tinyint(1)	YES		0

This table is used in the database schematics:

- Accounts
- Contacts
- Emails
- Leads

- Opportunities
- Prospects
- Users

leads_audit

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)			
parent_id	char(36)			
date_created	datetime	YES		NULL
created_by	char(36)	YES		NULL
field_name	varchar(100)	YES		NULL
data_type	varchar(100)	YES		NULL
before_value_string	varchar(255)	YES		NULL
after_value_string	varchar(255)	YES		NULL
before_value_text	text	YES		NULL
after_value_text	text	YES		NULL

This table is used in the database schematic:

- Leads

linked_documents

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
parent_id	char(36)	YES		NULL
parent_type	varchar(25)	YES		NULL
document_id	char(36)	YES		NULL
document_revision_id	char(36)	YES		NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematic:

- Documents

Meetings

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
assigned_user_id	char(36)	YES		NULL
modified_user_id	char(36)	YES		NULL
created_by	char(36)	YES		NULL
name	varchar(50)	YES	MUL	NULL
location	varchar(50)	YES		NULL
duration_hours	int(2)	YES		NULL
duration_minutes	int(2)	YES		NULL
date_start	date	YES		NULL
time_start	time	YES		NULL
date_end	date	YES		NULL
parent_type	varchar(25)	YES		NULL
status	varchar(25)	YES		NULL
parent_id	char(36)	YES	MUL	NULL
description	text	YES		NULL
deleted	tinyint(1)			0
reminder_time	int(11)	YES		-1
outlook_id	varchar(255)	YES		NULL

This table is used in the database schematics:

- Accounts
- Cases
- Contacts
- Leads
- Meetings
- Opportunities
- Projects
- Project Tasks
- Users

meetings_contacts

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
meeting_id	char(36)	YES	MUL	NULL
contact_id	char(36)	YES	MUL	NULL
required	char(1)	YES		1
accept_status	varchar(25)	YES		none
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

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This table is used in the database schematics:

- Contacts
- Meetings

meetings_users

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
meeting_id	char(36)	YES	MUL	NULL
user_id	char(36)	YES	MUL	NULL
required	char(1)	YES		1
accept_status	varchar(25)	YES		none
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

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ebruary

This table is used in the database schematics:

- Meetings
- Users

Notes

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
modified_user_id	char(36)	YES		NULL
created_by	char(36)	YES		NULL
name	varchar(255)	YES	MUL	NULL
filename	varchar(255)	YES		NULL
file_mime_type	varchar(100)	YES		NULL
parent_type	varchar(25)	YES		NULL
parent_id	char(36)	YES	MUL	NULL
contact_id	char(36)	YES	MUL	NULL
portal_flag	tinyint(1)			0
description	text	YES		NULL
deleted	tinyint(1)			0
embed_flag	tinyint(1)			0

This table is used in the database schematics:

- Accounts
- Cases
- Contacts
- Leads
- Opportunities
- Projects
- Project Tasks

Added in version 4.5.1

Opportunities

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
modified_user_id	char(36)	YES		NULL
assigned_user_id	char(36)	YES	MUL	NULL
created_by	char(36)	YES		NULL
deleted	tinyint(1)			0
name	varchar(50)	YES	MUL	NULL
opportunity_type	varchar(255)	YES		NULL
lead_source	varchar(50)	YES		NULL
amount	double	YES		NULL
amount_backup	varchar(25)	YES		NULL
amount_usdollar	double	YES		NULL
currency_id	char(36)	YES		NULL
date_closed	date	YES		NULL
next_step	varchar(100)	YES		NULL
sales_stage	varchar(25)	YES		NULL
probability	double	YES		NULL
description	text	YES		NULL
campaign_id	char(36)	YES		NULL

This table is used in the database schematics:

- Accounts
- Contacts
- Emails
- Leads
- Opportunities
- Projects
- Users

Added in version 4.5.1

opportunities_audit

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)			
parent_id	char(36)			
date_created	datetime	YES		NULL
created_by	char(36)	YES		NULL
field_name	varchar(100)	YES		NULL
data_type	varchar(100)	YES		NULL
before_value_string	varchar(255)	YES		NULL
after_value_string	varchar(255)	YES		NULL
before_value_text	text	YES		NULL
after_value_text	text	YES		NULL

This table is used in the database schematic:

- Opportunities

opportunities_contacts

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
contact_id	char(36)	YES	MUL	NULL
opportunity_id	char(36)	YES	MUL	NULL
contact_role	varchar(50)	YES		NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematics:

- Contacts
- Opportunities

Project

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
assigned_user_id	char(36)	YES		NULL
modified_user_id	char(36)	YES		NULL
created_by	char(36)	YES		NULL
name	varchar(50)			
description	text	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematics:

- Accounts
- Contacts
- Emails
- Opportunities
- Projects
- Project Tasks
- Users

project_relation

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
project_id	char(36)			
relation_id	char(36)			
relation_type	varchar(255)			
deleted	tinyint(1)			0
date_modified	datetime			0000-00-00 00:00:00

This table is used in the database schematics:

- Accounts
- Contacts
- Opportunities
- Projects

project_task

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
assigned_user_id	char(36)	YES		NULL
modified_user_id	char(36)	YES		NULL
created_by	char(36)	YES		NULL
name	varchar(50)			
status	varchar(255)	YES		NULL
date_due	date	YES		NULL
time_due	time	YES		NULL
date_start	date	YES		NULL
time_start	time	YES		NULL
parent_id	char(36)			
priority	varchar(255)	YES		NULL
description	text	YES		NULL
order_number	int(11)	YES		1
task_number	int(11)	YES		NULL
depends_on_id	char(36)	YES		NULL
milestone_flag	varchar(255)	YES		NULL
estimated_effort	int(11)	YES		NULL
actual_effort	int(11)	YES		NULL
utilization	int(11)	YES		100
percent_complete	int(11)	YES		0
deleted	tinyint(1)			0

This table is used in the database schematics:

- Emails
- Projects
- Project Tasks
- Users

project_task_audit

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)			
parent_id	char(36)			
date_created	datetime	YES		NULL
created_by	char(36)	YES		NULL
field_name	varchar(100)	YES		NULL
data_type	varchar(100)	YES		NULL
before_value_string	varchar(255)	YES		NULL
after_value_string	varchar(255)	YES		NULL
before_value_text	text	YES		NULL
after_value_text	text	YES		NULL

This table is used in the database schematic:

- Project Tasks

prospect_list_campaigns

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
prospect_list_id	char(36)	YES	MUL	NULL
campaign_id	char(36)	YES	MUL	NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)	YES		0

This table is used in the database schematics:

- Campaigns
- Prospects

prospect_lists

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
name	varchar(50)	YES	MUL	NULL
list_type	varchar(25)	YES		NULL
date_entered	datetime	YES		NULL
date_modified	datetime	YES		NULL
modified_user_id	char(36)	YES		NULL
assigned_user_id	char(36)	YES		NULL
created_by	char(36)	YES		NULL
deleted	tinyint(1)			0
description	text	YES		NULL
domain_name	varchar(255)	YES		NULL

This table is used in the database schematics:

- Campaigns
- Email Management
- Prospects
- Users

prospect_lists_prospects

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
prospect_list_id	char(36)	YES	MUL	NULL
related_id	char(36)	YES	MUL	NULL
related_type	varchar(25)	YES		NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)	YES		0

This table is used in the database schematic:

- Prospects

Prospects

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
tracker_key	int(11) auto_increment		MUL	NULL
deleted	tinyint(1)	YES		0
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
modified_user_id	char(36)	YES		NULL
assigned_user_id	char(36)	YES		NULL
created_by	char(36)	YES		NULL
salutation	varchar(5)	YES		NULL
first_name	varchar(100)	YES		NULL
last_name	varchar(100)	YES	MUL	NULL
title	varchar(25)	YES		NULL
department	varchar(255)	YES		NULL
birthdate	date	YES		NULL
do_not_call	varchar(3)	YES		0
phone_home	varchar(25)	YES		NULL
phone_mobile	varchar(25)	YES		NULL
phone_work	varchar(25)	YES		NULL
phone_other	varchar(25)	YES		NULL
phone_fax	varchar(25)	YES		NULL
email1	varchar(100)	YES		NULL
email2	varchar(100)	YES		NULL
assistant	varchar(75)	YES		NULL
assistant_phone	varchar(25)	YES		NULL
email_opt_out	varchar(3)	YES		0
primary_address_street	varchar(150)	YES		NULL
primary_address_city	varchar(100)	YES		NULL

Field Name	Field Type	Null Allowed	Index	Default Value
primary_address_state	varchar(100)	YES		NULL
primary_address_postalcode	varchar(20)	YES		NULL
primary_address_country	varchar(100)	YES		NULL
alt_address_street	varchar(150)	YES		NULL
alt_address_city	varchar(100)	YES		NULL
alt_address_state	varchar(100)	YES		NULL
alt_address_postalcode	varchar(20)	YES		NULL
alt_address_country	varchar(100)	YES		NULL
description	text	YES		NULL
invalid_email	tinyint(1)	YES		0
lead_id	char(36)	YES		NULL
account_name	varchar(150)	YES		NULL
campaign_id	char(36)	YES		NULL

This table is used in the database schematics:

- Emails
- Leads
- Prospects
- Users

Added in version 4.5.1

Relationships

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
relationship_name	varchar(150)		MUL	
lhs_module	varchar(100)			
lhs_table	varchar(64)			
lhs_key	varchar(64)			

SugarCRM Data Dictionary

Field Name	Field Type	Null Allowed	Index	Default Value
rhs_module	varchar(100)			
rhs_table	varchar(64)			
rhs_key	varchar(64)			
join_table	varchar(64)	YES		NULL
join_key_lhs	varchar(64)	YES		NULL
join_key_rhs	varchar(64)	YES		NULL
relationship_type	varchar(64)	YES		NULL
relationship_role_column	varchar(64)	YES		NULL
relationship_role_column_value	varchar(50)	YES		NULL
reverse	tinyint(1)	YES		0
deleted	tinyint(1)	YES		0

Releases

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
deleted	tinyint(1)			0
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
modified_user_id	char(36)			
created_by	char(36)	YES		NULL
name	varchar(50)		MUL	
list_order	int(4)	YES		NULL
status	varchar(25)	YES		NULL

This table is used in the database schematic:

- Bugs

Roles

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
modified_user_id	char(36)			
created_by	char(36)	YES		NULL
name	varchar(150)	YES		NULL
description	text	YES		NULL
modules	text	YES		NULL
deleted	tinyint(1)	YES		0

This table is used in the database schematics:

- Access Control List
- Users

roles_modules

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
role_id	char(36)	YES	MUL	NULL
module_id	char(36)	YES	MUL	NULL
allow	tinyint(1)	YES		0
date_modified	datetime	YES		NULL
deleted	tinyint(1)	YES		0

This table is used in the database shematic

- Users

roles_users

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
role_id	char(36)	YES	MUL	NULL
user_id	char(36)	YES	MUL	NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)	YES		0

This table is used in the database schematics:

- Access Control List
- Users

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ebrary

saved_search

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
name	varchar(150)	YES	MUL	NULL
search_module	varchar(150)	YES		NULL
deleted	tinyint(1)			0
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
assigned_user_id	char(36)	YES		NULL
contents	text	YES		NULL
description	text	YES		NULL

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ebrary

This table is used in the database schematic:

- Users

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ebrary

Schedulers

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
deleted	tinyint(1)			0
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
created_by	char(36)	YES		NULL
modified_user_id	char(36)	YES		NULL
name	varchar(255)			cb33a72e21f06ee19f433061056d593d
job	varchar(255)			ebruary
date_time_start	datetime		MUL	0000-00-00 00:00:00
date_time_end	datetime	YES		NULL
job_interval	varchar(100)			
time_from	time	YES		NULL
time_to	time	YES		NULL
last_run	datetime	YES		NULL
status	varchar(25)	YES		NULL
catch_up	tinyint(1)	YES		1

This table is used in the database schematic:

- Schedulers

schedulers_times

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
deleted	tinyint(1)			0
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
scheduler_id	char(36)		MUL	
execute_time	datetime			0000-00-00 00:00:00
status	varchar(25)			ready

This table is used in the database schematic:

- Schedulers

Tasks

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
assigned_user_id	char(36)	YES	MUL	NULL
modified_user_id	char(36)	YES		NULL
created_by	char(36)	YES		NULL
name	varchar(50)	YES	MUL	NULL
status	varchar(25)	YES		NULL
date_due_flag	varchar(5)	YES		on
date_due	date	YES		NULL
time_due	time	YES		NULL
date_start_flag	varchar(5)	YES		on
date_start	date	YES		NULL
time_start	time	YES		NULL
parent_type	varchar(25)	YES		NULL
parent_id	char(36)	YES	MUL	NULL
contact_id	char(36)	YES	MUL	NULL
priority	varchar(25)	YES		NULL
description	text	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematics:

- Accounts
- Cases
- Contacts
- Emails
- Leads
- Opportunities
- Project Tasks

Tracker

Field Name	Field Type	Null Allowed	Index	Default Value
id	int(11) auto_increment		PRI	NULL
user_id	char(36)	YES		NULL
module_name	varchar(25)	YES		NULL
item_id	char(36)	YES		NULL
item_summary	varchar(255)	YES		NULL
date_modified	datetime	YES		NULL

This table is used in the database schematic:

- Users

upgrade_history

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
filename	varchar(255)	YES		NULL
md5sum	varchar(32)	YES	MUL	NULL
type	varchar(30)	YES		NULL
status	varchar(50)	YES		NULL
version	varchar(10)	YES		NULL
name	varchar(255)	YES		NULL
description	text	YES		NULL
id_name	varchar(255)	YES		NULL
manifest	datetime			NULL
date_entered	datetime			0000-00-00 00:00:00

user_preferences

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
category	varchar(50)	YES		NULL
deleted	tinyint(1)			0
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
assigned_user_id	char(36)	YES	MUL	NULL
contents	text	YES		NULL

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ebruary

This table is used in the database schematic:

- Users

Users

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
user_name	varchar(60)	YES	MUL	NULL
user_hash	varchar(32)	YES		NULL
authenticate_id	varchar(100)	YES		NULL
sugar_login	tinyint(1)	YES		1
first_name	varchar(30)	YES		NULL
last_name	varchar(30)	YES		NULL
reports_to_id	char(36)	YES		NULL
is_admin	tinyint(1)	YES		0
receive_notifications	tinyint(1)	YES		1
description	text	YES		NULL
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
modified_user_id	char(36)	YES		NULL
created_by	char(36)	YES		NULL
title	varchar(50)	YES		NULL

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ebruary

Field Name	Field Type	Null Allowed	Index	Default Value
department	varchar(50)	YES		NULL
phone_home	varchar(50)	YES		NULL
phone_mobile	varchar(50)	YES		NULL
phone_work	varchar(50)	YES		NULL
phone_other	varchar(50)	YES		NULL
phone_fax	varchar(50)	YES		NULL
email1	varchar(100)	YES		NULL
email2	varchar(100)	YES		NULL
status	varchar(25)	YES		NULL
address_street	varchar(150)	YES		NULL
address_city	varchar(100)	YES		NULL
address_state	varchar(100)	YES		NULL
address_country	varchar(25)	YES		NULL
address_postalcode	varchar(9)	YES		NULL
user_preferences	text	YES		NULL
deleted	tinyint(1)			0
portal_only	tinyint(1)	YES		0
employee_status	varchar(25)	YES		NULL
messenger_id	varchar(25)	YES		NULL
messenger_type	varchar(25)	YES		NULL
is_group	tinyint(1)	YES		0

This table is used in the database schematics:

- Access Control List
- Accounts
- Bugs
- Calls
- Campaigns
- Cases
- Contacts

- Documents
- Email Management
- Emails
- Leads
- Meetings
- Opportunities
- Projects
- Project Tasks
- Prospects
- Schedulers
- Users

users_feeds

Field Name	Field Type	Null Allowed	Index	Default Value
user_id	char(36)	YES	MUL	NULL
feed_id	char(36)	YES		NULL
rank	int(11)	YES		NULL
date_modified	datetime	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematic:

- Users

users_last_import

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
assigned_user_id	char(36)	YES	MUL	NULL
bean_type	char(36)	YES		NULL
bean_id	char(36)	YES		NULL
deleted	tinyint(1)			0

This table is used in the database schematic:

- Users

users_signatures

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
deleted	tinyint(1)			0
user_id	char(36)	YES	MUL	NULL
name	varchar(255)	YES		NULL
signature	text	YES		NULL
signature_html	text	YES		NULL

This table is used in the database schematic:

- Users

vcals

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
deleted	tinyint(1)			0
date_entered	datetime	YES		NULL
date_modified	datetime	YES		NULL
user_id	char(36)			
type	varchar(25)	YES	MUL	NULL
source	varchar(25)	YES		NULL
content	text	YES		NULL

This table is used in the database schematic:

- Users

Versions

Field Name	Field Type	Null Allowed	Index	Default Value
id	char(36)		PRI	
deleted	tinyint(1)			0
date_entered	datetime			0000-00-00 00:00:00
date_modified	datetime			0000-00-00 00:00:00
modified_user_id	char(36)			
created_by	char(36)	YES		NULL
name	varchar(255)		MUL	
file_version	varchar(255)			
db_version	varchar(255)			

Summary

With the information that is contained in Chapters 5 and 6 you have all of the information that you need for your SQL statements for any modules or reports that you build.

We have seen in these chapters schematic diagrams to understand how the tables fit together and the table definitions to find out which fields are available in each table.

That's enough reference material for now – in Chapter 7 we'll make sure that we're developing in a sensible, and upgrade-safe way as we look at development and testing strategies.