

 **Server: localhost** ►  **Database: crbs2****departments**

Table comments: School departments

Field	Type	Null	Default	Comments	MIME
<u>department_id</u>	int(10)	No			
name	varchar(64)	No			
description	varchar(255)	Yes	<i>NULL</i>		
colour	char(7)	Yes	<i>NULL</i>	Hex colour value	
created	date	Yes	<i>NULL</i>		

**departments2ldapgroups**

Field	Type	Null	Default	Links to	Comments	MIME
department_id	int(10)	No		departments -> department_id		
ldapgroup_id	int(10)	No		ldapgroups -> ldapgroup_id		

## groups

Table comments: Groups table with settings and permiss; InnoDB free: 9216 kB

Field	Type	Null	Default	Comments	MIME
<u>group_id</u>	int(10)	No			
name	varchar(20)	No			
description	varchar(255)	Yes	NULL		
bookahead	smallint(3)	Yes	NULL	Days ahead users in this group can make a booking	
quota_num	int(10)	Yes	NULL	Default quota amount	
quota_type	enum('day', 'week', 'month', 'current')	Yes	NULL	Type of quota in use	
permissions	text	Yes	NULL	A PHP-serialize()'d chunk of data	
created	date	No		Date the group was created	

**groups2ldapgroups**

Table comments: Maps 1+ LDAP groups to 1 CRBS group

Field	Type	Null	Default	Links to	Comments	MIME
group_id	int(10)	No		groups -> group_id		
ldapgroup_id	int(10)	No		ldapgroups -> ldapgroup_id		

**holidays**

Table comments: School holidays

Field	Type	Null	Default	Links to	Comments	MIME
<u>holiday_id</u>	int(10)	No				
year_id	int(10)	No		years -> year_id	The academic year that this holiday is relevant to	
date_start	date	No				
date_end	date	No				
name	varchar(20)	Yes	NULL			

**Idapgroups**

Table comments: Group names retrieved from LDAP; InnoDB free: 9216 kB

Field	Type	Null	Default	Comments	MIME
<u>ldapgroup_id</u>	int(10)	No			
name	varchar(104)	No		Name of LDAP group (not full DN, just name part)	

**periods**

Table comments: Periods

Field	Type	Null	Default	Links to	Comments	MIME
<u>period_id</u>	int(10)	No				
year_id	int(10)	No		years -> year_id		
time_start	time	No				
time_end	time	No				
name	varchar(20)	No				
days	varchar(255)	No			Serialize() of the days that this period is set on	
bookable	tinyint(1)	No			Boolean 1 or 0 if periods can be booked or not	

**quota**

Table comments: Quota details

Field	Type	Null	Default	Links to	Comments	MIME
<u>user_id</u>	int(10)	No		users -> user_id		
quota_num	int(10)	No				



**room-permissions**

Table comments: Permission entries for various objects on different rooms

Field	Type	Null	Default	Links to	Comments	MIME
<u>entry_id</u>	int(10)	No				
room_id	int(10)	No		rooms -> room_id		
type	enum('e', 'o', 'u', 'g', 'd')	No			E: everyone; O: owner; U: user; G: group; D: department	
user_id	int(10)	Yes	NULL	users -> user_id		
group_id	int(10)	Yes	NULL	groups -> group_id		
department_id	int(10)	Yes	NULL	departments -> department_id		
permissions	text	No				
hash	char(32)	No				

**roomattrs-fields**

Table comments: Names of fields that can be assigned to rooms

Field	Type	Null	Default	Comments	MIME
<u>field_id</u>	int(10)	No			
name	varchar(20)	No			
type	enum('text', 'select', 'check')	No		Text: textbox; Select: Choose one item from list; Check: Boolean on/off	
options_md5	char(32)	Yes	NULL		

**roomattrs-options**

Table comments: Options for room drop-down fields

Field	Type	Null	Default	Links to	Comments	MIME
option_id	int(10)	No				
field_id	int(10)	No		roomattrs-fields -> field_id	Field that this belongs to	
value	varchar(50)	No				

**roomattrs-values**

Table comments: Actual values of room fields for each room

Field	Type	Null	Default	Links to	Comments	MIME
<u>value_id</u>	int(10)	No				
room_id	int(10)	No		rooms -> room_id		
field_id	int(10)	No		roomattrs-fields -> field_id		
value	varchar(255)	No				

**roomcategories**

Table comments: Categories that rooms can belong to

Field	Type	Null	Default	Comments	MIME
<u>category_id</u>	int(10)	No			
name	varchar(25)	No			

**rooms**

Table comments: School rooms

Field	Type	Null	Default	Links to	Comments	MIME
<u>room_id</u>	int(10)	No				
category_id	int(10)	Yes	NULL	roomcategories -> category_id	An optional category that the room can belong to	
user_id	int(10)	Yes	NULL	users -> user_id	Specifies an owner (user) of the room	
order	tinyint(3)	Yes	NULL		Order that the rooms appear in (optional)	
name	varchar(20)	No				
description	varchar(40)	Yes	NULL			
bookable	tinyint(1)	No			Boolean 1 or 0	
photo	char(32)	Yes	NULL		An md5 hash that references the file that is stored	
created	date	Yes	NULL		Date the entry was created	

**settings-auth**

Table comments: LDAP configuration

Field	Type	Null	Default	Comments	MIME
preauthkey	char(40)	Yes	NULL	SHA1 hash to be used as preauth key	
preauthgroup_id	int(10)	Yes	NULL	Default group for accounts created automatically via preauth	
preauthemail	varchar(50)	Yes	NULL	Email domain for users created via preauth	
ldap	tinyint(1)	No	0	Boolean 1 or 0 for LDAP auth status	
ldaphost	varchar(50)	Yes	NULL	LDAP server hostname	
ldapport	int(5)	Yes	NULL	LDAP server TCP port	
ldapbase	text	Yes	NULL	Base DN's to search in LDAP	
ldapfilter	text	Yes	NULL	LDAP search query filter	
ldapgroup_id	int(10)	Yes	NULL	Default group for LDAP accounts	
ldaploginupdate	tinyint(1)	Yes	NULL	Boolean. Update user details on every login?	

**settings-main**

Table comments: Global app settings

Field	Type	Null	Default	Comments	MIME
schoolname	varchar(100)	Yes	<i>NULL</i>	Name of school	
schoolurl	varchar(255)	Yes	<i>NULL</i>	Web address for school	
tt_view	enum('room', 'day')	Yes	<i>NULL</i>	Mode of display for room booking table	
tt_cols	enum('periods', 'rooms', 'days')	Yes	<i>NULL</i>	Columns on the booking table	
room_order	enum('alpha', 'order')	Yes	<i>NULL</i>	How to display rooms in the booking view	



**terms**

Table comments: Term dates

Field	Type	Null	Default	Links to	Comments	MIME
<u>term_id</u>	int(10)	No				
year_id	int(10)	No		years -> year_id	The academic year that this term belongs to	
date_start	date	No			Start date of the term	
date_end	date	No			End date of the term	
name	varchar(40)	No			Name of the term	

**users**

Table comments: Main users table

Field	Type	Null	Default	Links to	Comments	MIME
<u>user_id</u>	int(10)	No				
group_id	int(10)	No	0	groups -> group_id	Group that the user is a member of	
enabled	tinyint(1)	No	0		Boolean 1 or 0	
username	varchar(104)	No				
email	varchar(255)	Yes	NULL			
password	char(40)	Yes	NULL		SHA1 hash of password	
displayname	varchar(64)	Yes	NULL			
cookiekey	char(40)	Yes	NULL		SHA1 hash if a cookie is required	
lastlogin	timestamp	No	0000-00-00 00:00:00		Date the user last logged in	
lastactivity	datetime	Yes	NULL		Last time a page was accessed by this user	
ldap	tinyint(1)	No	0		Boolean 1 or 0 if user should authenticate via LDAP	
created	date	No			Date the user was created	

**users2departments**

Table comments: Maps a user to multiple departments

Field	Type	Null	Default	Links to	Comments	MIME
user_id	int(10)	No		users -> user_id		
department_id	int(10)	No		departments -> department_id		

**usersactive**

Table comments: Keep track of current active users

Field	Type	Null	Default	Links to	Comments	MIME
user_id	int(10)	No		users -> user_id		
timestamp	int(11)	No				

**weekdates**

Table comments: Start-dates of weeks for timetable

Field	Type	Null	Default	Links to	Comments	MIME
week_id	int(10)	No		weeks -> week_id		
year_id	int(10)	No		years -> year_id		
date	date	No				

**weeks**

Table comments: Week definitions for timetable weeks

Field	Type	Null	Default	Links to	Comments	MIME
<u>week_id</u>	int(10)	No				
year_id	int(10)	No		years -> year_id		
name	varchar(20)	No				
colour	char(7)	Yes	NULL		Hex colour value including hash	
created	date	Yes	NULL			

years

Table comments: Academic year definitions

Field	Type	Null	Default	Comments	MIME
year_id	int(10)	No			
date_start	date	No			
date_end	date	No			
name	varchar(20)	No			
active	tinyint(1)	Yes	0		

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