BOOKMARK

Logical Data Model

READING_STATUS

integer	**id AUTO_INCREMENT**
integer	current_page DEFAULT 0
integer	current_chapter DEFAULT 0
date	date_finished DEFAULT NULL
float	grade DEFAULT 0.0 CHECK grade < 5
text	notes
integer	#status_id
varchar(17)	#book_id NOT NULL
integer	#user_id NOT NULL

STATUS

integer	**id AUTO_INCREMENT**
varchar(16)	label NOT NULL
char(6)	color DEFAULT 'ccccff'

COVER

integer	**id AUTO_INCREMENT**
varchar(32)	image_path NOT NULL
varchar(17)	#book_id

BOOK

varchar(17)	**isbn13**
varchar(15)	isbn11
varchar(64)	series_name
integer	series_position
varchar(64)	book_name NOT NULL
date	date_published
integer	pages DEFAULT 0
integer	#genre_id
integer	#language_id

BOOK_AUTHOR

varchar(17)	**#book_id**
integer	**#author_id**

AUTHOR

integer	**id AUTO_INCREMENT**
varchar(32)	name NOT NULL
date	date_of_birth

USER

integer	**id AUTO_INCREMENT**
varchar(32)	username NOT NULL
varchar(512)	password NOT NULL
varchar(64)	email NOT NULL
varchar(15)	phone
varchar(8)	token
enum	classification
integer	#settings_language_id
integer	#reading_language_id
varchar(32)	#bookshelf_id

LANGUAGE

integer	**id AUTO_INCREMENT**
varchar(32)	lang

GENRE

integer	**id AUTO_INCREMENT**
varchar(32)	name

BOOK_IN_SHELF

varchar(17)	**#book_id**
varchar(32)	**#bookshelf_id**
integer	shelf_number NOT NULL
integer	shelf_position NOT NULL

USER_REMINDER

integer	**#reminder_id**
integer	**#user_id**

REMINDER

integer	**id AUTO_INCREMENT**
time	remind_time
boolean	daily DEFAULT TRUE
integer	weekday DEFAULT 0
boolean	active DEFAULT TRUE

BOOKSHELF

integer	**id**
integer	width NOT NULL
integer	height NOT NULL
integer	depth NOT NULL
integer	shelves_number NOT NULL
varchar(16)	sorting

BOOK_REMINDER

integer	**#status_id**
integer	**#reminder_id**