## DB定義書 - 図書館テーブル

libraries table					
項番	カラム論理名	カラム物理名	型	桁	コメント
	図書館id	id	int	1	7,21
	図書館名	name	varchar	20	
			7 0.1 0.1 0.1		
users table					
項番	カラム論理名	カラム物理名	型	桁	コメント
1	一連番号	id	int	9	登録順で付加する番号
2	利用者証番号	card_number	long	8	図書館idと一連番号を組み合わせた8桁数字
3	受取図書館	library_id	int	1	libraries.idと紐付け
4	氏名	name	long varchar	40	
5	住所	address	long varchar		
6	電話番号	tel	long	10	ハイフンなし 国内のみなので10桁まで
7	メールアドレス	mail	long varchar	50	
8	パスワード	password	long varchar	255	英数字255字
9	権限	is_admin	tiny int	1	0が一般 1が運営
10	登録日時	register_date	TimeStamp		
11	借りてる冊数	borrow_books	int	20	上限20冊
12	予約本1	reserved_book1	long	10	本テーブルのidが登録されます
13	予約本2	reserved_book2	long	10	
14	予約本3	reserved_book3	long	10	
15	予約本4	reserved_book4	long	10	
16	予約本5	reserved_book5	long	10	
17	予約本6	reserved_book6	long	10	
18	予約本7	reserved_book7	long	10	
19	予約本8	reserved_book8	long	10	
20	予約本9	reserved_book9	long	10	
21	予約本10	reserved_book10	long	10	

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24 予約本13         reserved_book13         long         10           25 予約本14         reserved_book14         long         10           26 予約本15         reserved_book15         long         10           27 予約本16         reserved_book16         long         10           28 予約本17         reserved_book17         long         10           29 予約本18         reserved_book18         long         10           30 予約本19         reserved_book20         long         10           31 予約本20         reserved_book20         long         10           32 予約日時1         reserved_time1         TimeStamp           33 予約日時2         reserved_time2         TimeStamp           34 予約日時3         reserved_time3         TimeStamp           35 予約日時4         reserved_time4         TimeStamp           36 予約日時5         reserved_time5         TimeStamp           37 予約日時6         reserved_time5         TimeStamp           38 予約日時7         reserved_time7         TimeStamp           40 予約日時9         reserved_time8         TimeStamp           41 予約日時10         reserved_time10         TimeStamp           42 予約日時11         reserved_time11         TimeStamp           45 予約日時15	22	予約本11	reserved_book11	long	10	
25   予約本14   reserved_book14   long   10	23	予約本12	reserved_book12	long	10	
26 予約本15       reserved_book15       long       10         27 予約本16       reserved_book16       long       10         28 予約本17       reserved_book17       long       10         29 予約本18       reserved_book18       long       10         30 予約本19       reserved_book20       long       10         31 予約本20       reserved_book20       long       10         32 予約日時1       reserved_time1       TimeStamp         33 予約日時2       reserved_time2       TimeStamp         34 予約日時3       reserved_time3       TimeStamp         35 予約日時4       reserved_time4       TimeStamp         36 予約日時5       reserved_time5       TimeStamp         37 予約日時6       reserved_time6       TimeStamp         38 予約日時7       reserved_time7       TimeStamp         40 予約日時9       reserved_time8       TimeStamp         41 予約日時10       reserved_time10       TimeStamp         42 予約日時11       reserved_time11       TimeStamp         43 予約日時12       reserved_time12       TimeStamp         45 予約日時14       reserved_time14       TimeStamp         45 予約日時15       reserved_time15       TimeStamp         47 予約日時16       reserved_time17       Ti	24	予約本13	reserved_book13	long	10	
27 予約本16       reserved_book16       long       10         28 予約本17       reserved_book17       long       10         29 予約本18       reserved_book18       long       10         30 予約本19       reserved_book20       long       10         31 予約本20       reserved_book20       long       10         32 予約日時1       reserved_time1       TimeStamp         33 予約日時2       reserved_time2       TimeStamp         34 予約日時3       reserved_time3       TimeStamp         35 予約日時4       reserved_time4       TimeStamp         36 予約日時5       reserved_time5       TimeStamp         37 予約日時6       reserved_time6       TimeStamp         38 予約日時7       reserved_time7       TimeStamp         40 予約日時8       reserved_time8       TimeStamp         40 予約日時9       reserved_time10       TimeStamp         41 予約日時10       reserved_time11       TimeStamp         42 予約日時11       reserved_time12       TimeStamp         43 予約日時13       reserved_time14       TimeStamp         45 予約日時14       reserved_time15       TimeStamp         45 予約日時15       reserved_time15       TimeStamp         47 予約日時16       reserved_time16       TimeStamp	25	予約本14	reserved_book14	long	10	
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31   予約本20   reserved_book20   long   10     32   予約日時1   reserved_time1   TimeStamp     33   予約日時2   reserved_time2   TimeStamp     34   予約日時3   reserved_time4   TimeStamp     35   予約日時4   reserved_time4   TimeStamp     36   予約日時5   reserved_time5   TimeStamp     37   予約日時6   reserved_time6   TimeStamp     38   予約日時7   reserved_time7   TimeStamp     39   予約日時8   reserved_time8   TimeStamp     40   予約日時9   reserved_time9   TimeStamp     41   予約日時10   reserved_time10   TimeStamp     42   予約日時11   reserved_time11   TimeStamp     43   予約日時12   reserved_time12   TimeStamp     44   予約日時13   reserved_time13   TimeStamp     45   予約日時14   reserved_time14   TimeStamp     46   予約日時15   reserved_time15   TimeStamp     47   予約日時16   reserved_time17   TimeStamp     48   予約日時17   reserved_time17   TimeStamp     48   下前日時17   reserved_time17   TimeStamp     48   下前日時17   reserved_time17   TimeStamp     48   下前日時17   reserved_time17   TimeStamp     48   下前日時17   reserved_time17   TimeStamp     48   下前日前日   reserved_time17   TimeStamp     48   下前日前日   reserved_time17   TimeStamp     48   下前日前日   TimeStamp   TimeStamp     48   下前日前日   TimeStamp   TimeStamp     48   下前日前日   TimeStamp   TimeStamp   TimeStamp     48   下前日前日   TimeStamp   Ti	29	予約本18	reserved_book18	long	10	
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## DB定義書 - 図書館テーブル

books table					
項番	カラム論理名	カラム物理名	型	桁	コメント
1	一連番号	id	long	20	
2	図書館番号	library_id	int	1	1~8
3	棚番号	shelf_number	int	2	
4	ISBN	isbn	long varchar	17	-入れて17桁
5	書名	name	long varchar	255	
6	著者名	author_name	long varchar	255	
7	出版者名	publisher_name	long varchar	255	
8	書類種類	kind	int	1	
9	ステータス	status	int	1	
10	借りている人	borrower	int	1	users.idと紐つけ
11	借りられた時間	borrowed_time	timestamp		
12	返された時間	returned_time	timestamp		
13	予約された時間	reserved_time	timestamp		
14	予約者数	reservation_number	int	3	

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