

## buildings

Column	Type	Null	Default	Links to	Comments	MIME
ID <i>(Primary)</i>	char(10)	No				
name	char(30)	Yes	NULL			
floorCount	smallint(6)	Yes	NULL			
defFloor	smallint(6)	Yes	NULL			

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	ID	0	A	No	

## coordinates

Column	Type	Null	Default	Links to	Comments	MIME
roomFlag	tinyint(1)	Yes	NULL			
outdoorFlag	tinyint(1)	Yes	NULL			
buildingID	char(10)	No		buildings -> ID		
roomID <i>(Primary)</i>	char(10)	No		rooms -> ID		
latitude	float(15,15)	No				
longitude	float(15,15)	No				
pointOrder <i>(Primary)</i>	int(3)	No				

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pointOrder	0	A	No	
				roomID	0	A	No	
coordinates_ibfk_1	BTREE	No	No	buildingID	0	A	No	
coordinates_ibfk_2	BTREE	No	No	roomID	0	A	No	

## events

Column	Type	Null	Default	Links to	Comments	MIME
ID <i>(Primary)</i>	char(10)	No				
name	char(30)	Yes	NULL			

startDate	date	Yes	<i>NULL</i>			
endDate	date	Yes	<i>NULL</i>			
startTime	time	Yes	<i>NULL</i>			
endTime	time	Yes	<i>NULL</i>			
section	char(1)	Yes	<i>NULL</i>			
instructor	char(30)	No		instructors -> email		
roomID	char(10)	No		rooms -> ID		
days	binary(7)	Yes	<i>NULL</i>			

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	ID	0	A	No	
event_1	BTREE	No	No	roomID	0	A	No	
event_2	BTREE	No	No	instructor	0	A	No	

## instructors

Column	Type	Null	Default	Links to	Comments	MIME
fName	char(30)	Yes	<i>NULL</i>			
lName	char(30)	Yes	<i>NULL</i>			
dept	char(30)	Yes	<i>NULL</i>			
office	char(5)	Yes	<i>NULL</i>			
email ( <i>Primary</i> )	char(20)	No				
phone	char(15)	Yes	<i>NULL</i>			

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	email	0	A	No	

## rooms

Column	Type	Null	Default	Links to	Comments	MIME
ID ( <i>Primary</i> )	char(10)	No				
buildingID	char(10)	No		buildings -> ID		
number	char(5)	No				
floor	smallint(6)	Yes	<i>NULL</i>			

seatCount	smallint(6)	Yes	NULL			
leafletID	smallint(6)	Yes	NULL			

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	ID	0	A	No	
room_1	BTREE	No	No	buildingID	0	A	No	