



Manual for SMART-BUS IPHONE App PRO

Manual Version:

1.3

Updated Date: June, 2013

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SMART-BUS IPHONE App version required: **PRO V1.5.21** June 2013 or above

S/N	TABLE OF CONTENT
1	Shades in Zone

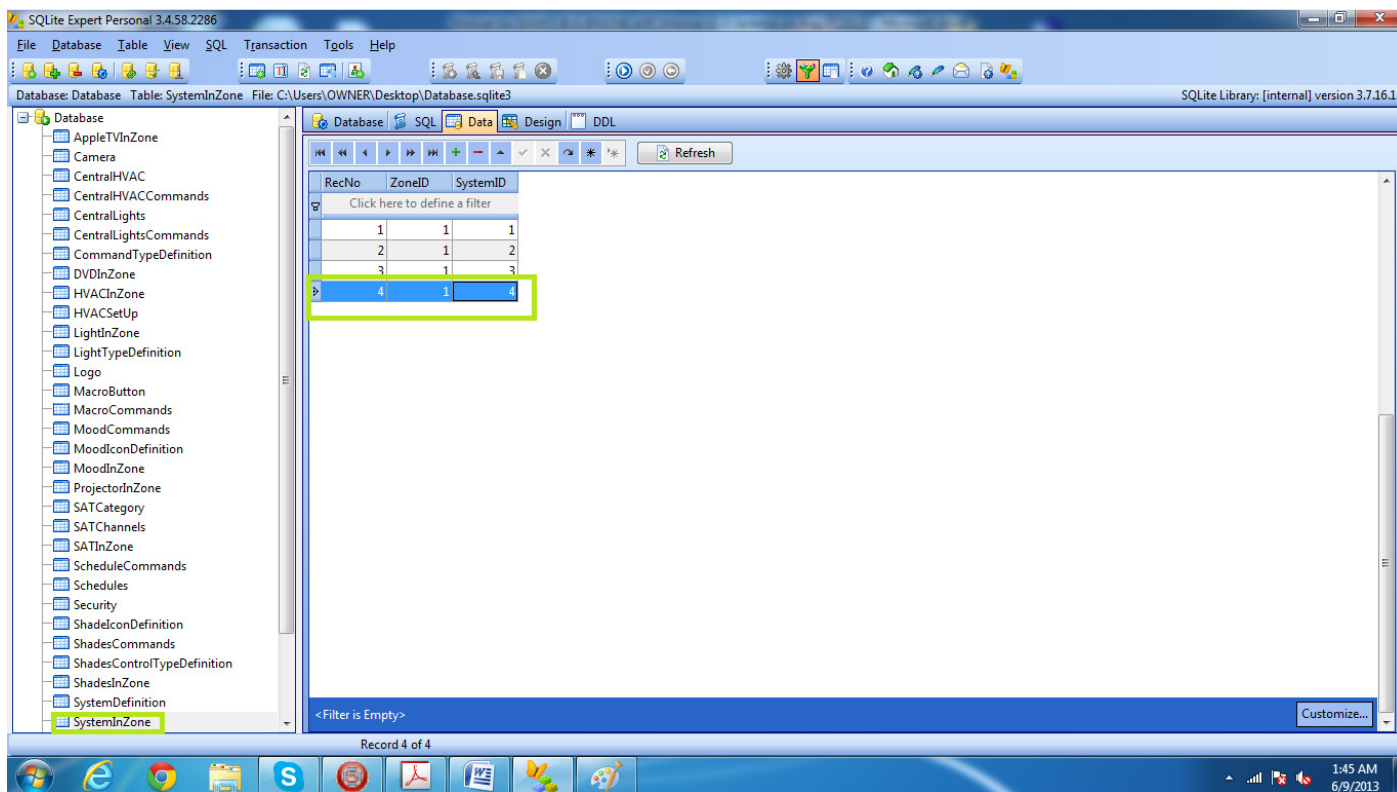
1 Shades in Zone :

1.1 System settings if has shade in zone

Suppose to the zone ID=1

if you have shade in the zone, you need to add it to table **SystemInZone**

The SystemID of Shade is: 4



1.2 Add shades to the Zone

select table **ShadesInZone**

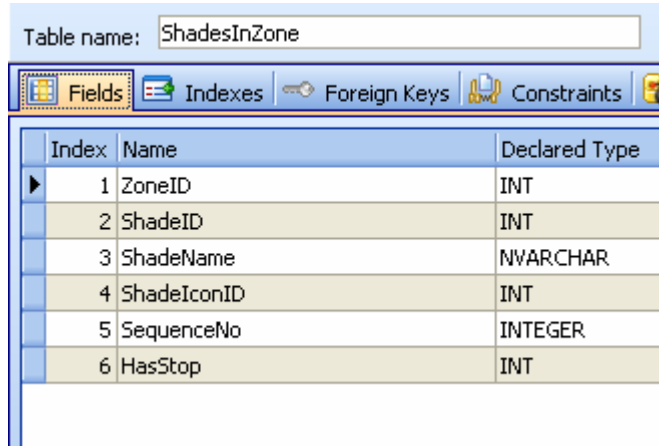


Table name: ShadesInZone

Fields Indexes Foreign Keys Constraints

Index	Name	Declared Type
1	ZoneID	INT
2	ShadeID	INT
3	ShadeName	NVARCHAR
4	ShadeIconID	INT
5	SequenceNo	INTEGER
6	HasStop	INT

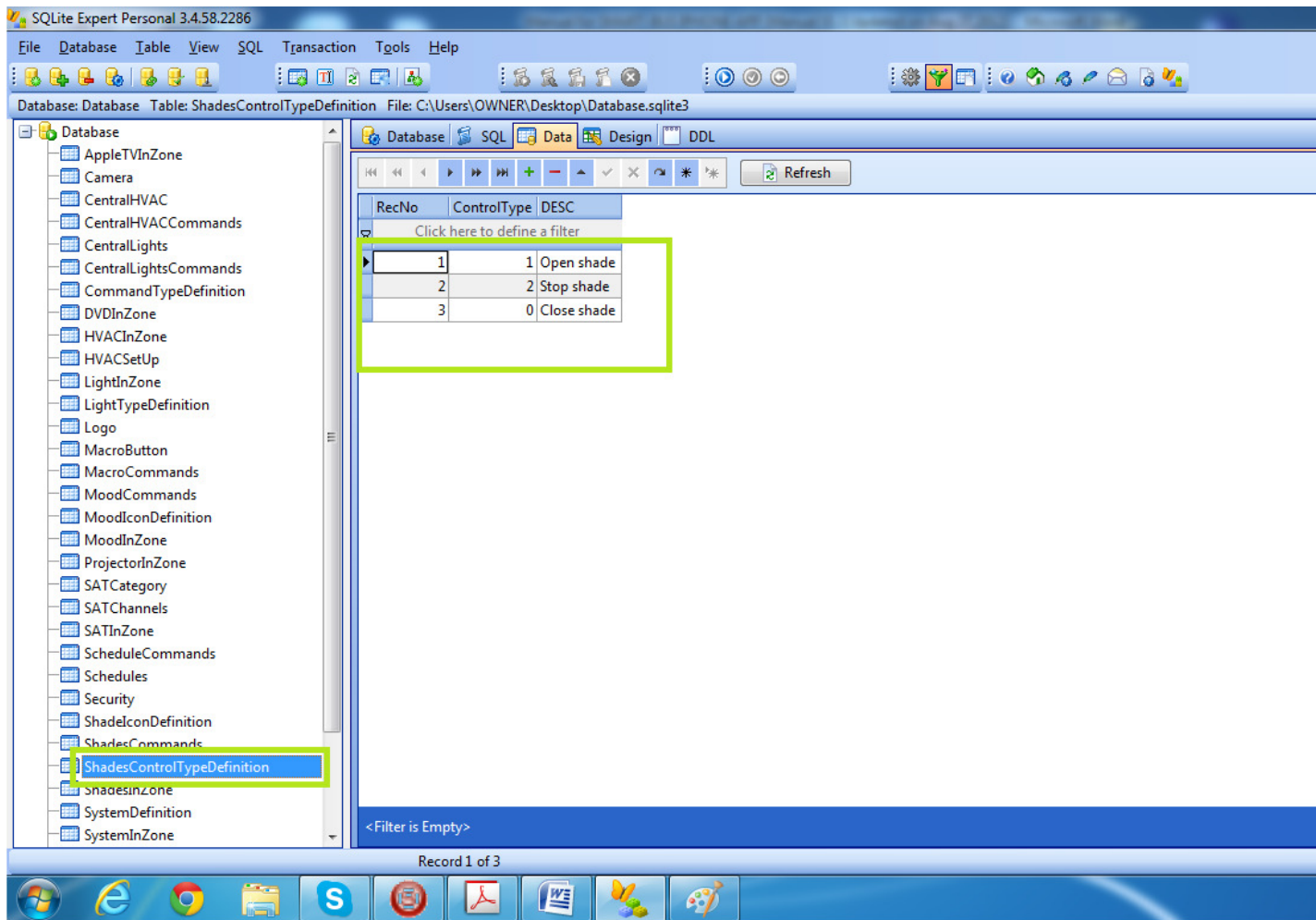
Table: ShadesInZone	
FileName	DESC
ZoneID	ZoneID can get from the table Zones
ShadeID	ShadeID start from 1
ShadeName	The Name of shade
ShadeIconID	Always 1
SequenceNo	The order of show
HasStop	If has the function of shade stop, please put 1, otherwise put 0

1.3 Commands for the shade

Select table **ShadesCommands**

Table name: ShadesCommands		
Fields	Indexes	Foreign Keys
Constraints		
Index	Name	Declared Type
1	ZoneID	INT
2	ShadeID	INT
3	ShadeControlType	INT
4	CommandID	INT
5	SequenceNo	INT
6	Remark	NVARCHAR(50)
7	SubnetID	INT
8	DeviceID	INT
9	CommandTypeID	INT
10	FirstParameter	INT
11	SecondParameter	INT
12	ThirdParameter	INT
13	DelayMillisecondAfterSend	INT

Table: ShadesCommands	
FileName	DESC
ZoneID	ZoneID can get from the table Zones
ShadeID	ShadeID start from 1,check the table ShadesInZone
ShadeControlType	Open shade: 1 Close Shade: 0 Stop shade:2
CommandID	check the table ShadesInZone
SequenceNo	The order of the command executing.
Remark	
SubnetID	Address of Relay module / IR Emitter / 9in1
DeviceID	



CommandTypeID	See the commandTypeID definition below if you use relay module to control shade, you need to choose <i>Single channel control</i> ; If you control shade by IR, you need to choose <i>Universal Switch Control</i> .
FirstParameter	Please see the table below
SecondParameter	Please see the table below
ThirdParameter	Please see the table below
DelayMillisecondAfterSend	Delay after this command has been sent Unit=millisecond

ConmandTypeID Definition

Command TypeID	Command Type Name	Remark	FirstParameter	SecondPa rameter	ThirdParameter
0	Scene control		Zone No (1-254)	Scene No (0-254)	Unused (set 0)
1	Sequence Control		Zone No (1-254)	Sequence No (0-254)	Unused (set 0)
2	Universal Switch Control		Universal Switch ID (0-255)	Switch Control status (255:on 0: off)	Unused (set 0)
3	Invalid	Invalid command, it will not take any actions	Any value (0- 255)	Any value (0-255)	Any value (0-65535)
4	Single Channel Control		Channel No (1-255)	Brightness percentag e (0 -100)	Running Time, unit: second (0 -3600)
5	Broadcast scene	Run the specific scene in all area of current module	Broadcast area (Must be set 255)	Scene No (0-254)	Unused (set 0)
6	Broadcast All channels	Control all the channels of current module	Broadcast all channels (Must be set 255)	Brightness percentag e (0 -100)	Running Time, unit: second (0 -3600)
7	Curtain Control	Control curtain if you are using g3 curtain module	Curtain No (1-4)	Curtain Control Status (0: Stop 1: Open	Unused (set 0)

				2: Close)	
8	Timer Control		Channel No (1-255)	Control Status (255: open 0 : close)	Unused (set 0)
9	SMS Control	Control G3 SMS module	Type ID (0: invalid 1: SMS Message)	SMS Command No (0-255)	Unused (set 0)
10	Panel control		Panel control for A/C		
			FirstParameter (TypeID)	SecondParameter (Value)	ThirdParameter
			0=(invalid)	0	0
			1=(enable/disable IR receive function of DLP)	0: (disable) 1: (enable)	0
			3=(Power on/off A/C)	0: (power off) 1: (power on)	0
			4=(cool Set point)	0-30 c 32-86F	0
			5=(FAN Speed)	0: (auto) 1: (High) 2: (Medium) 3: (low)	0
			6=(AC mode)	0: (Cool) 1: (Heat) 2: (FAN) 3: (Auto)	0
			7=(Heat set point)	0-30 c 32-86F	
			8=(Auto Set point)	0-30 c 32-86F	
11	Security Mode control		Zone no (1-8)	Mode No 1: vacation 2: away 3: night 4: Night with guest 5: Day 6: Disarm	Unused (set 0)
12	Security Alarm		Zone no (1-8)	Alarm No 1: vacation 2: Away 4: Night 8: Night with guest 16: Day 32: Siren 64: Power 128:	Unused (set 0)

				Temperature 256: Fire 512: Gas 1024: Panic 2048: Emergency 4096: Current	
18	Z-Audio		Z-Audio FirstParameter (Type ID)	SecondParameter (Value)	ThirdParameter (Value)
			1=Music Source	Music Source No SD card =1 Audio In =2 FTP Server =3 FM Radio =4	N/A
			3=Song List / Radio List Control	Type of list Control PREV. Song List =1 Next Song List=2 Specify Song List No=3 PREV Radio Channel=4 Next Radio Channel =5 Specify Radio No=6	Song List / Radio List Control (only a when 1 Param equal
			4=Play Control	Previous Song=1 Next Song=2 Play=3 Stop=4	N/A
			5=Volume Control	Percentage of VOL (0~ 100, 100% is max. VOL, 0 is mute)	N/A
			6=Specify Song Control	Song List No (1byte,0-255, Song List No 0 is for alarm voice)	Song List No (0-999)

**Example Settings if
control shade by 3R relay
module** Command Type:
Single Channel control
(ID=4) ShadeControlType:
Open shade(ID=1)

SQLite Expert Personal 3.4.58.2286

File Database Table View SQL Transaction Tools Help

Database: Database Table: ShadesCommands File: C:\Users\OWNER\Desktop\Database.sqlite3 SQLite Library: [ir

Database

- AppleTVInZone
- Camera
- CentralHVAC
- CentralHVACCommands
- CentralLights
- CentralLightsCommands
- CommandTypeDefinition
- DVDInZone
- HVACInZone
- HVACSetUp
- LightInZone
- LightTypeDefinition
- Logo
- MacroButton
- MacroCommands
- MoodCommands
- MoodIconDefinition
- MoodInZone
- ProjectorInZone
- SATCategory
- SATChannels
- SATInZone
- ScheduleCommands
- Schedules
- Security
- ShadeIconDefinition
- ShadesCommands**
- ShadesControlTypeDefinition
- ShadesInZone
- SystemDefinition
- SystemInZone

Database SQL Data Design DDL

RecNo ZoneID ShadeID ShadeControlType CommandID SequenceNo Remark SubnetID DeviceID CommandTypeID FirstParameter SecondParameter

Click here to define a filter

1	1	1	1	1	1	1 SHADE 1	1	40	4	1	100
2	1	1	0	1	1	2 SHADE 1	1	40	4	2	100
3	1	2	1	2	1	1 SHADE 2	1	41	4	1	100
4	1	2	0	2	2	2 SHADE 2	1	41	4	2	100

1. First Line to Open the shade 1
2. Second line to Close the shade 1
Here the Device ID of 3R relay is 40
Command type is single channel hence "4"
Channels are 1 - open , 2-close

<Filter is Empty>

Record 1 of 4

1.3 3R Relay Module Connection with Somfy System

