## Run dbManager

R. E	3 🖥 🔞 - (+		12 - ₹		Autodesk	Revit Struc	ture 2	010 - [ro	om sample
S I	Home Insert	Annotate	Modify	Analyze	Architect & Site	Collaborate	View	Manage	Add-Ins
dbManag	er libraryBrow	ser fileBrow	yser fa	imilit Tools					
familit		familyMa	nager						

## Login

Default name is 'admin' and default password is '' /empty string/:

dbManager - Login		×
		_
Name	admin	
Password		
		~
V OK	Cancel	

## **DB** Connection



Use default DB format and set valid DB file name:

Connection	8
DB Туре	
Use Internal dbManager Database /XML/	
C\vcwork\test.ldbm1.xml	
Cancel	

## **Project List**

The database includes more dbManager's projects. Each project contains more tables. You can define a project name and a table prefix /prefix for all project's tables/:

Project List		
Database C:\vcwork\test.dbm1.xml		
Current Name	Table Prefix	Description
Main Project		
*		
ОК		Cancel

## Create a new table

Run the table generator:

🧭 familit - dbManager									
▋▋▋ৢৢ৵৽৻ৢ৽									
project airport1	*								
	Append Edit Rename Remove ce sten								

## Step 1: set table name:

dbMan	age	er - Table Ge	enera	ator [	rt_d	oors	:1]											
Table								 	 									
		Database	xe	- 	1			-	 -			1						
		THE			~								-	100	-			
anala da		I able Name (	_rt_do	pors1	$\sim$			 	 									
		Template												~				
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1									-						<u> </u>		~	
				V F	inish				- E	3 (	Close							
19 - 19 19 - 19																		

## Step 2: define source RVT files

dbi	Manag	er - Table Generator [rt_doors1]						
Ta	ble Fil	es						
		Folder		Filename Mask		Ext	SubFolders	Count
	۲.	C:\vcRevit		doors1	R	rvt		1
		C:\vcRevit		doors.0*	R	rvt	<b>V</b>	3
		D:\download		door*	R	rvt		1
	*				R			0
		Design	n Structure I	rom 1 RVT file			▼	Next ▶
L								
		Finish		🔀 Close				
_								111

## Step 3: define element's filter condition:

dbManager - Table Generator [rt_doors1]	×
Table Files Elements	
Class  Element ElementType Family Instance Host Object Wall Zone	*Category Family Symbol Element Type Curtain Panels Curtain Systems Curtain Wall Mullions Detail Items Door Tags Door Tags Electrical Demand Factor Definitions Electrical Load Classification Parameter Element Electrical Load Classifications Elevation Marks Elevations
	Next 🕨
V Finish	Close

### Step 4: define list of source parameters:

Name	Source/Group	Туре	~	Name	Source/Group	Туре
Phase Created	PG_PHASING	ElementId		Element	Base	String
Deletable	INVALID	Integer		Category	Base	String
Id	INVALID	ElementId		LocationX	Base	Double
Family and Type	INVALID	ElementId		LocationY	Base	Double
Family	INVALID	ElementId		Height	Element	Double
Туре	INVALID	ElementId	-	Thickness	Element	Double
Family Name	INVALID	String		Width	Element	Double
Type Name	PG_IDENTI	String	-	Type Mark	Element	String
Hidden 82						Next

¢	lbMan	ager - Table Generator [rt_doo	rs1]						×			
ſ	Table	Files Elements Parameters Structu	re						<u>ا</u> ھ			
		Column Name	Туре		Width	ReadOnly	As Value String	Desccription	^			
	•	ElementName	Varchar	•	250	<b>&gt;</b>		Element (Base) Stri	=			
		CategoryName	Varchar	•	250	<b>&gt;</b>		Category (Base) St				
		LocationX	Double	•		<b>&gt;</b>		LocationX (Base)				
		LocationY	Double	•		<b>&gt;</b>		LocationY (Base)				
		Height	Double	•				Height (Element) P				
		Thickness	Double	•				Thickness (Eleme				
		Width	Double	•				Width (Element) P				
		TypeMark	Varchar	•	250			Type Mark (Eleme				
		OmniclassTitle	Varchar	•	250	<b>&gt;</b>		OmniClass Title (El				
		Mark	Varchar	•	250			Mark (Element) PG				
		LevelName	Varchar	•	250	<b>~</b>		Level (Base) String	~			
	Finish      Close											

#### Step 5: check the proposed structure of the table:

# ... and you can enjoy...

R-	00		• Ø	· 🗄 • 🔊	4 ®1	0.93		▼ Au	itodesk R	evit Arch	itectur	e 2011	- Not For R	esal 🕨	Type a keyword or phi
A	Home	Insert	Annota	ate Structure	Massi	ing & Site Colla	borate View	Manag	ge Add-In	s Modify	Doors				
L3	8	ß	×	]€ Cope +		P-2-1		<b>d</b> ja olja	-₽_₩ 💡 •	<b>₩</b> .	(C)		10		
Modify		Paste		Ol Cut •	- 40	4. 07			-12 2 .	À.		Edit	Pick		
	1 1 1 1		3	Join •	12	·•· 0		-4 =2	×	*		Family	New Host		
Select	Propert	ies Clipbo	bard	Geometry	1		Modify		View	Measure	Create	Mode	Host		
Modify	Doors	Men	es Wit	h Nearby Elemen	185										
doors.0	007.rvt	- Project B	rowse	r (	×										
	Floor	a familit	- dbN	vlanager	L .D.										
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	Elevat	project airpo	rt1	*	2	Ø• @ •   4	2 2	63	M			-			
• •	Schedu		LES		Filter					×	*	×	*	* 🗸	
	Sheets		rt_aaaa	5		RVTFILE	ELEMENTI	NAME	CATEGORY	AME LOC	ATIONX	LC	ICATIONY	HEIGHT	THICKNI
	Group		rt_big	St		doors.0007	0915 x 2134	1 mm	Doors	-258	5 868850	58 10	ZOD 96113729.	0	0
	Revit L		rt_big_: rt_door	string s1	•	doors.0007	0915 x 2134	1 mm 🤒	Rvt: Zoor	1			96113729.	0	0
			rt_orier	ntace		doors.0007	0915 x 2134	1 mm  🏜	Rvt: Sele	t Elements			61137298	3 0	0
			rt_orien	ntace_sten		doors.0007	0915 x 2134	1 mm	Rvt: Modi	ry Propertie	800		61137298.	0	0
			rt_rme_ rt_room	Dasic_doors		doors.0007	0915 x 2134	1 mm 😭	Rvt: Oper	n Default 3D	View		61137298.	0	0
		-	rt_test			doors.0007	0915 x 2134	4 mm 🗾	Select Ro	ws By Rvt			61137298.	0	0
			rt_test_	_project_info		doors.0007	0915 x 2134		Rvt: Upda	te Element's	Paramet	ers	61137298:	3 0	0
			IC IESI			doors.0007	0915 x 2134	4 mm	Actualize	data from R	/t		▶ 61137298.	0	0
					-	doors.0007	0915 x 2134	1 mm			0.53		61137298.	0	0
						doors.0007	0915 x 2134	1 mm 🚆	Edit				61137298.	0	0
						doors.0007	0915 x 2134	1 mm	Find & Re	piace			05962541	. 0	0
					<	1	lowe are		Calculator					-	>
					Land				Filter Cell	Values					

#### Context menu in the filter table view:

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0 - 3   0 🖬 🖬 🤌 -	-								admi	n Loqout 🦽 🗸				
project airport1 🛛 👻		👸 • 🐵 • 🛛 🚺 🖣	198 263	· N   🛃   🗟 🛽										
	Filter	filter						*	* 🗸	* 🗸				
rt_aa		RVTFILE	ELEMENTNAME	CATEGORYNAME	MARK		10	HEIGHT 🔨						
rt_big		doors.0007	0915 x 2134 mm	Doors	4	(46) ***	Rvt:							
rt_big_string		doors.0008	0915 x 2134 mm	Doors	4	0-0	Rvt: Select Elements							
rt_orientace		doors1	0915 x 2134 mm	Doors	4		Rydi	Modify Prope	rties					
rt_orientace_sten		doors.0009 0915 x 2134 mm Doors 4					Rvt: Open Default 3D View							
rt_rme_basic_doors	•	doors	0915 x 2134 mm	Doors	4	<b>\$</b>	Sele	ct Rows By R	/t					
rt_test		doors.0007	0915 x 2134 mm	Doors	40	B	Rvt:	•						
rt_test_project_info		doors.0008	0915 x 2134 mm	Doors	40	-	Actu	Actualize data from (	m Rvt	•				
		doors.0009	0915 x 2134 mm	Doors	40		Edit							
		doors	0915 x 2134 mm	Doors	40	AA	Find	& Replace						
		doors.0007	0915 x 2134 mm	Doors	41									
		doors.0008	0915 x 2134 mm	Doors	41		Calc	ulator						
	<		LOUE OF	1 <del>6</del>	1.39		Filte	r Cell Values						

# Grouping table view:

🍺 familit - dbManager							
0 •   🗷   🗖 🖬 🖬 🖉 •		114				admin Logout	4 -
project airport1 🛛 👻	📆 👰 • 🦷 •	(m - 14 4 0	263 🕨 🕨	😺 🗟 🔥			
TABLES	RVTFILE	ELEMENTNAME	CATEGORYNAME	HEIGHT	Hide column: HEIGHT		^
rt_aaaa		: 0762 × 2032 mm (	5 items)	-	Show column:	•	i.
it_big_string it_doors1		: 0762 x 2134 mm (	5 items)	-	Save Columns Layout		
		: 0813 × 2134 mm (	5 items)				
rt_rme_basic_doors	doors1	$0813 \times 2134 \text{ mm}$	Doors	2134	51	813	
rt_room	doors.0008	0813 x 2134 mm	Doors	2134	51	813	
t test project info	doors	0813 x 2134 mm	Doors	2134	51	813	
nt test view	doors.0009	$0813 \times 2134 \text{ mm}$	Doors	2134	51	813	
	doors.0007	0813 x 2134 mm	Doors	2134	51	813	
		: 0864 × 2032 mm (	5 items)				
		: 0864 × 2134 mm (	5 items)				~
	< (iii)					>	
Click any column to start sorting and	grouping automatica	lly					

You can modify the editable parameter values directly in the table view or in the edit dialog:

d	Manager - Edit		×
	2↓ 🔄 🔲 Hide ReadOnly Parameters		
Ŧ	Base		^
⊡	Element		
	HEADHEIGHT	2134	
Ð	Element:Geometry		
⊡	Element:Identity_data		
	MARK	56	
	OMNICLASSNUMBER		
	OMNICLASSTITLE		
	TYPEMARK		
Ð	Element:Materials		
Ð	ElementType:Geometry		
Ξ	ElementType:Identity_data		
	SOMNICLASSNUMBER	23.30.10.00	
	SOMNICLASSTITLE	Doors	
	STYPEMARK	20	
Ð	ElementType:Materials		
Ð	FamilyInstance		
	FamilySymbol:Geometry		~
M	ARK ark (Element) PG_IDENTITY_DATA String/Tex	t	
	🖌 ОК	😢 Cancel	

## ...filter and calculate the table values:

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间 •   🗷   🗖 🗖 🖽   🥒 •	-					admir	Loqout 🦽 🕶
project airport1 🛛 😽		🊰 • 📾 • 🚺 🔌	6 12	N   🛃 🗟 🧏			
🗉 🛅 TABLES	Filter				= 😺 0	2136	×
rt_aa		RVTFILE	ELEMENTNAME	CATEGORYNAME	HEIGHT	HEADHEIGHT	THICKNE
rt_big	-	doors.0007	0915 x 2134 mm	Doors	0	2136	0
rt_big_string		doors.0007	0915 x 2134 mm	Doors	0	2136	0
rt orientace		doors.0008	0915 x 2134 mm	Doors	0	2136	0
		doors.0008	0915 x 2134 mm	Doors	0	2136	0
rt_rme_basic_doors		doors.0008	0915 x 2134 mm	Doors	0	2136	0
rt_test	•	doors.0008	0915 x 2134 mm	Doors	0	2136	0
rt_test_project_info		doors.0007	0915 x 2134 mm	Doors	0	Sum 12816	
rt_test_view		doors.0007	0915 x 2134 mm	Doors	0	Average 2136	
		doors.0009	0915 x 2134 mm	Doors	0	May 2136	
		doors.0009	0915 x 2134 mm	Doors	0	Min 2136	
		doors.0009	0915 x 2134 mm	Doors	0	Coupt 6	
	<		έι.	<sup>21</sup>	1: C.		>
							al.

## familit - dbManager for Revit Quick Guide

#### ... find duplicities:

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project airport1 🛛 👻	10	-	co + 14 4	9	263 🛛 🕨	M   🛃   🗟 🖪				
😑 🕞 TABLES	Filter	-6	Clear Filter				* 🗸	× ×		
rt_aa It aaaa		and a	Save Filter		ENTNAME	CATEGORYNAME	LOCATIONX	LOCATIONY	HEIGHT	^
rt_big		A	Find Duplicity	•	2134 mm	Doors	-2585.86885068	10700.96113729	0	
rt_big_string		-	Text Boxes		2134 mm	Doors	-1270.86885068	10700.96113729	0	
rt_orientace		200	Full Text		2134 mm	Doors	-5315.86885068.	7686.9611372983	0	
rt_orientace_sten			Value List		2134 mm	Doors	-4200.86885068	7686.961137298	0	
rt_rme_basic_doors			Exists Value		2134 mm	Doors	-2885.86885068	7686.961137298	0	
rt_test			i i de milees		2134 mm	Doors	-1670.86885068	7686.961137298	0	
rt_test_project_info	12	a	Hide Filter	1	2134 mm	Doors	-10069.7449459	7686.9611372983	0	
		de	oors.0007	0915	x 2134 mm	Doors	-11184.7449459	7686.961137298	0	
	•	de	oors.0007	0915	x 2134 mm	Doors	-12499.7449459	7686.961137298	0	
		do	oors.0007	0915	x 2134 mm	Doors	-13714.7449459	7686.961137298	0	
		do	pors.0007	0915	x 2134 mm	Doors	-6223.08545363	-5343.05962541	0	~
< >	<			1.5						>

### ...export:

dbManager - Ex	xport 🛛
From rt_doors1	<ul> <li>All /263/</li> <li>Filtered</li> <li>Selected /9/</li> </ul>
To Excel Excel	<ul> <li>C:\vcRevit\dbm1.XLS</li> <li>Launch program after data exporting</li> </ul>
Sheet Start Row	doors1
	All As Text
(	V OK

...and many other useful features...