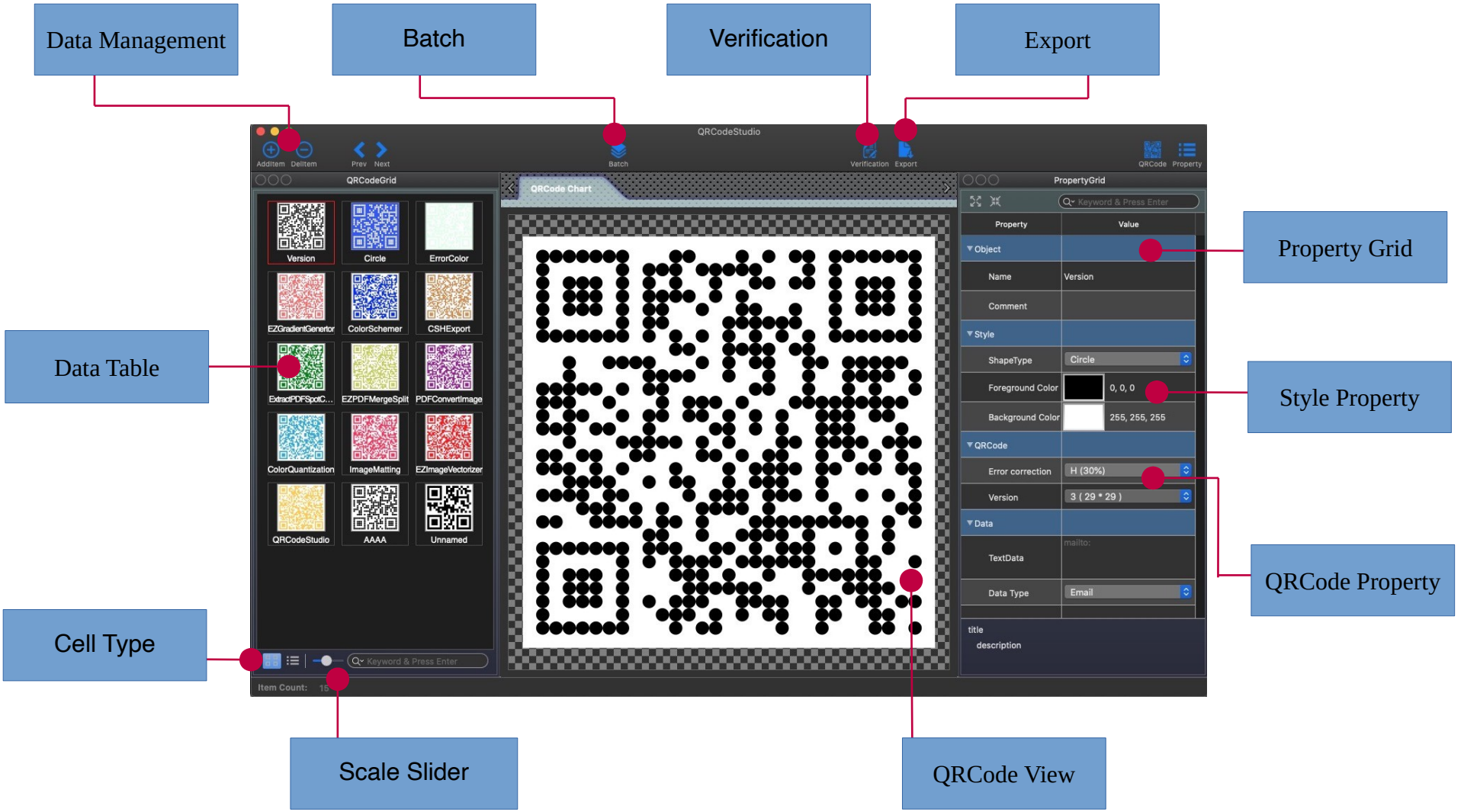
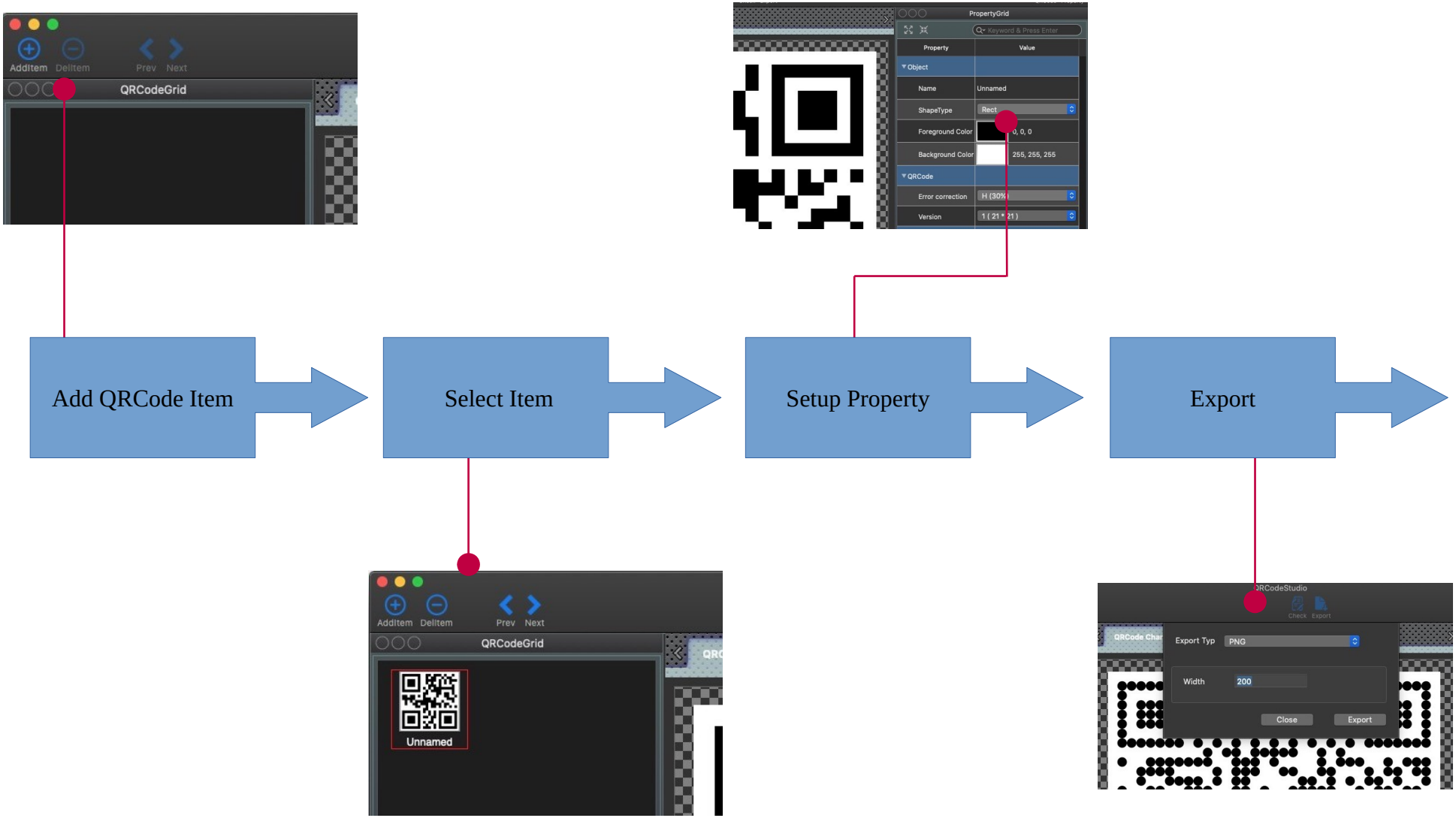
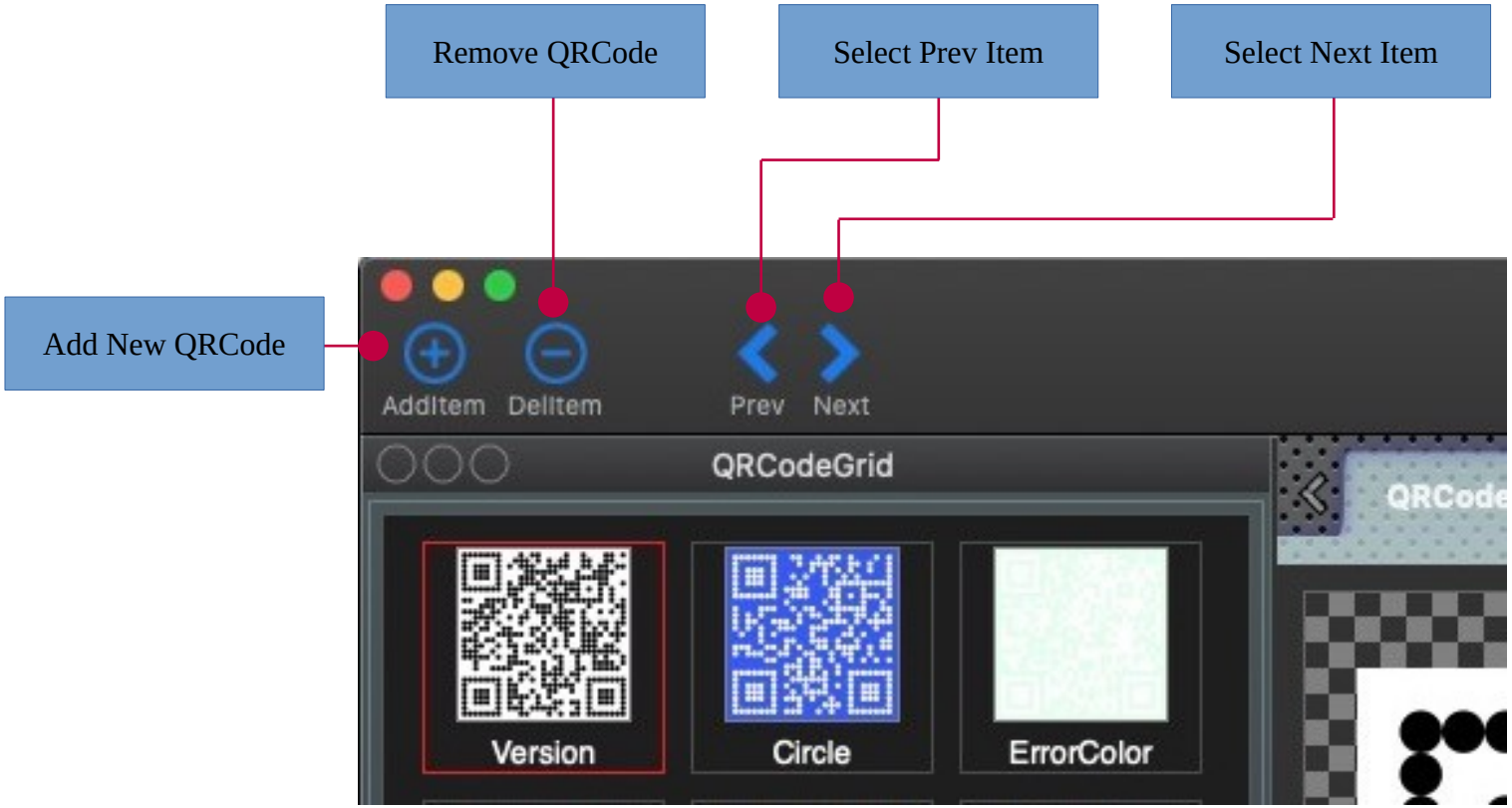
QRCodeStudio Quick Start Guide



Quick Start


AddItem
DelItem
Prev
Next
QRCodeGrid
PropertyGrid
Keyword & Press Enter
Property
Value
Object
Name
Unnamed
ShapeType
Rect
Foreground Color
Background Color
255, 255, 255
QRCode
Error correction
Version
Add QRCode Item
Select Item
Setup Property
Export
Unnamed
QRCodeStudio
Check
Export
Export Typ
PNG
Width
200
Close
Export

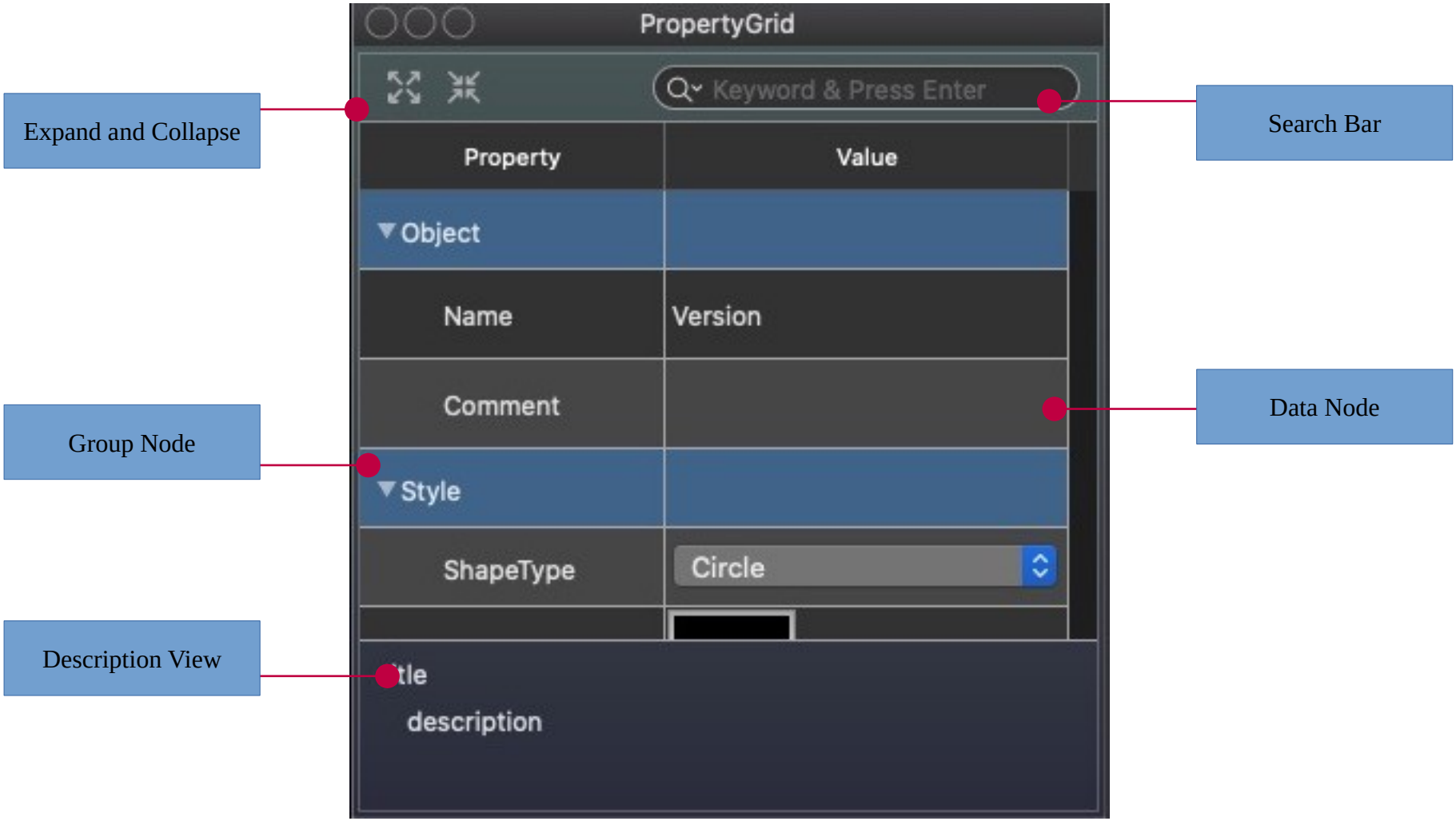
Data Management



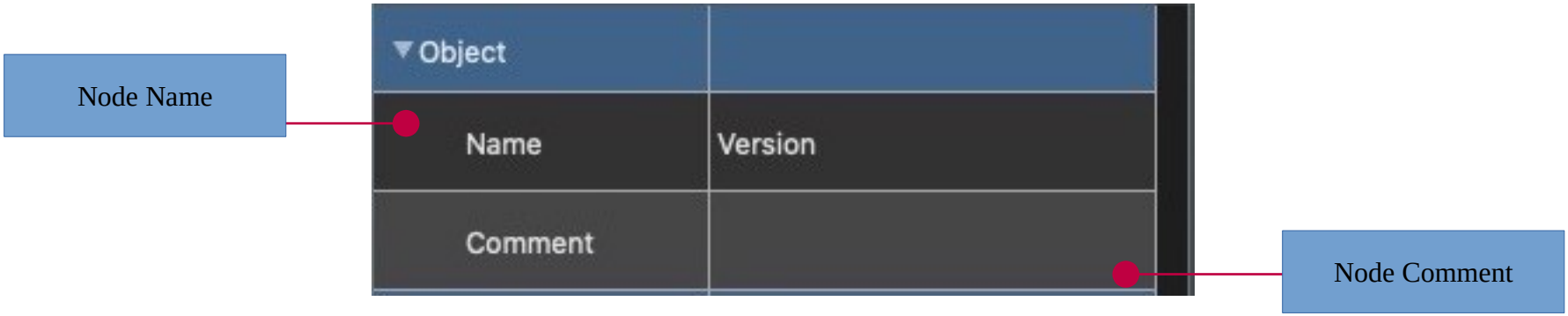
Data Table

QRCodeGrid
Version
Circle
ErrorColor
EZGradientGenertor
ColorSchemer
CSHExport
ExtractPDFSpotC...
EZPDFMergeSplit
PDFConvertImage
Keyword & Press Enter
Table
QRCode
Node Name
Cell Type
Search Bar
Scale Slider

Property Grid



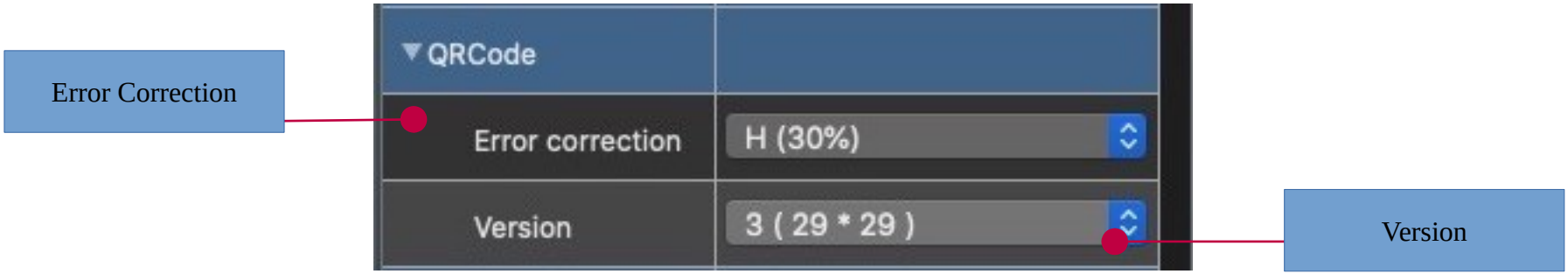
Node Group



Style Group

Node Name
Background Color
Style
ShapeType
Circle
Foreground Color
0, 0, 0
Background Color
255, 255, 255
Foreground Color

QRCode Group

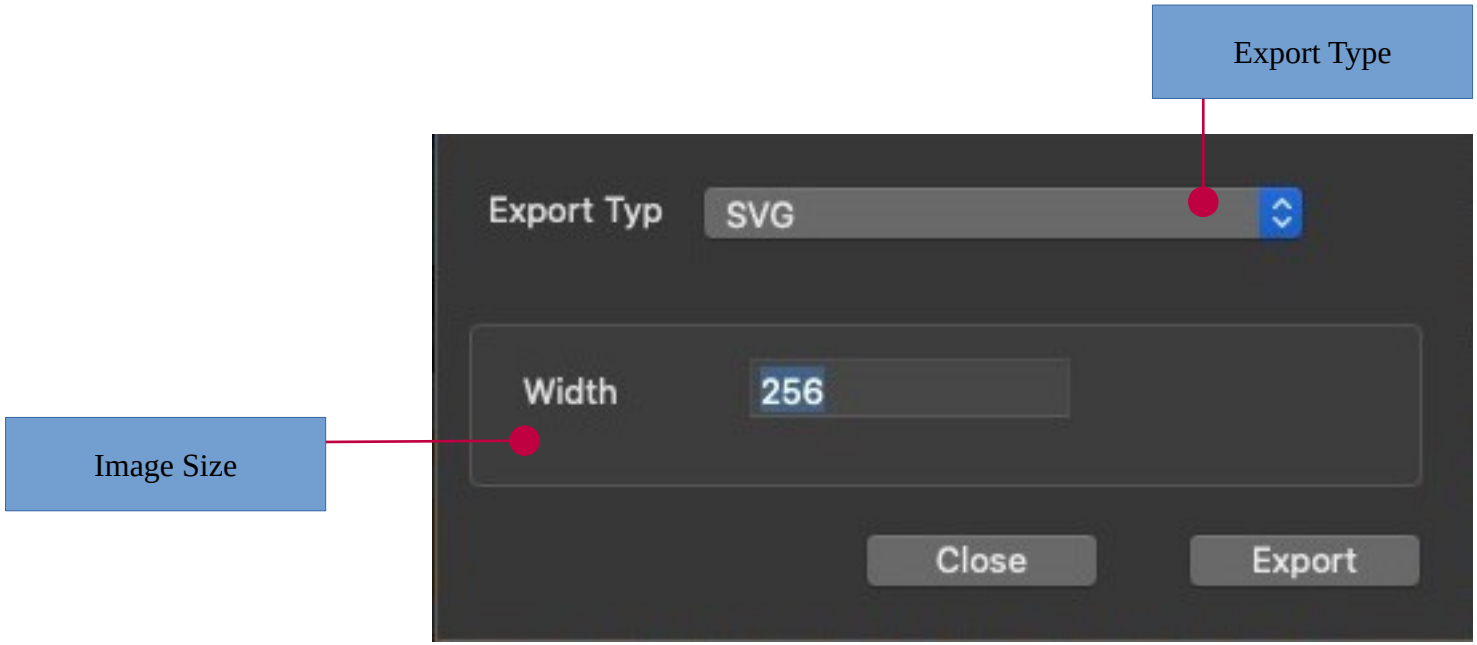


Data Group

Text Data
Data Value
Data Type
Data
TextData
https://itunes.apple.com/app/id1
Data Type
Apple App URL
Data Value
1477140185

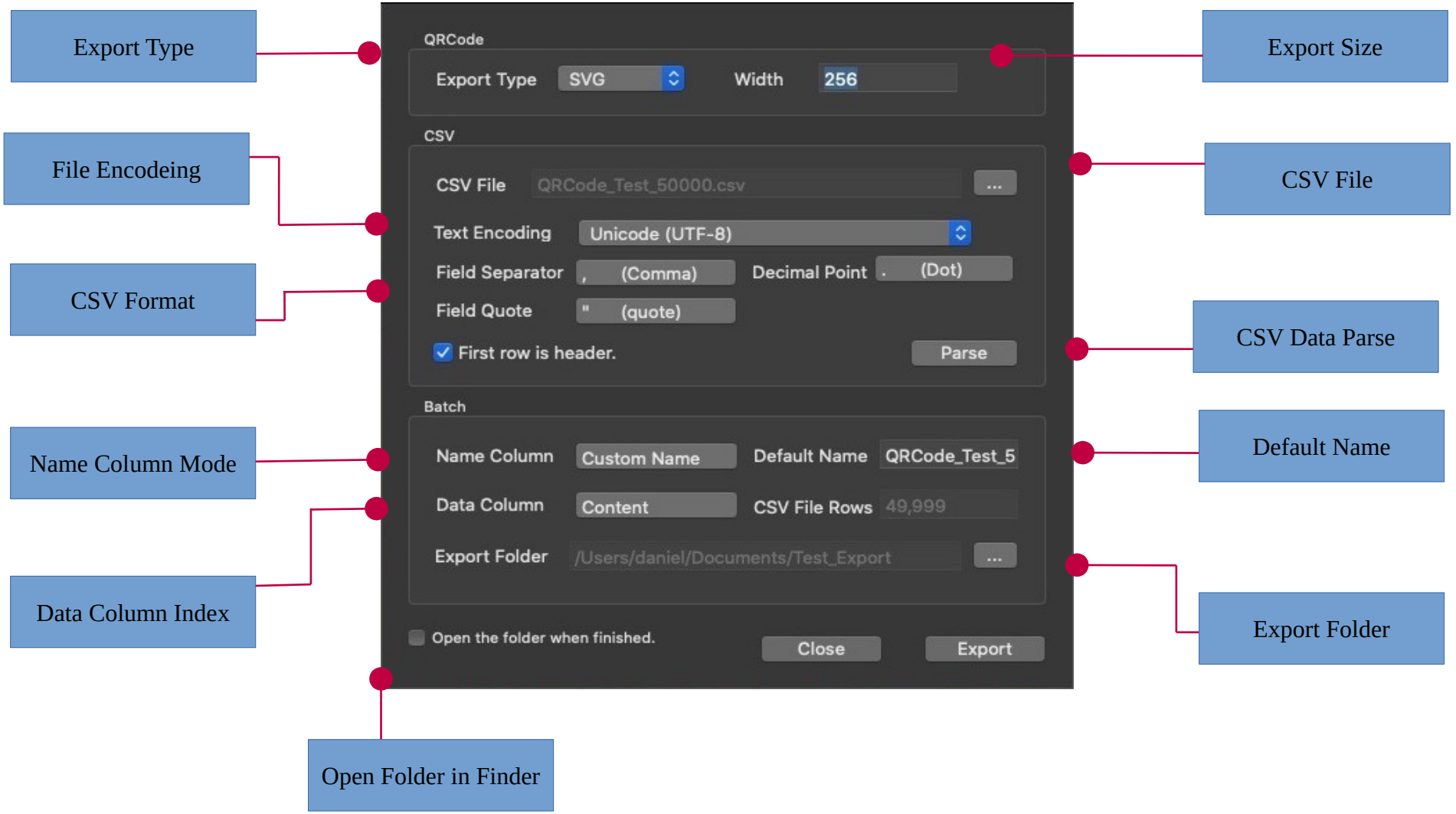
Type	Format Text
Text	{……}
Phone number	tel:123456789
E-mail address	mailto:XXXXXX@XXXXXXX.com
App Store	https://itunes.apple.com/app/id{AppID}

Output

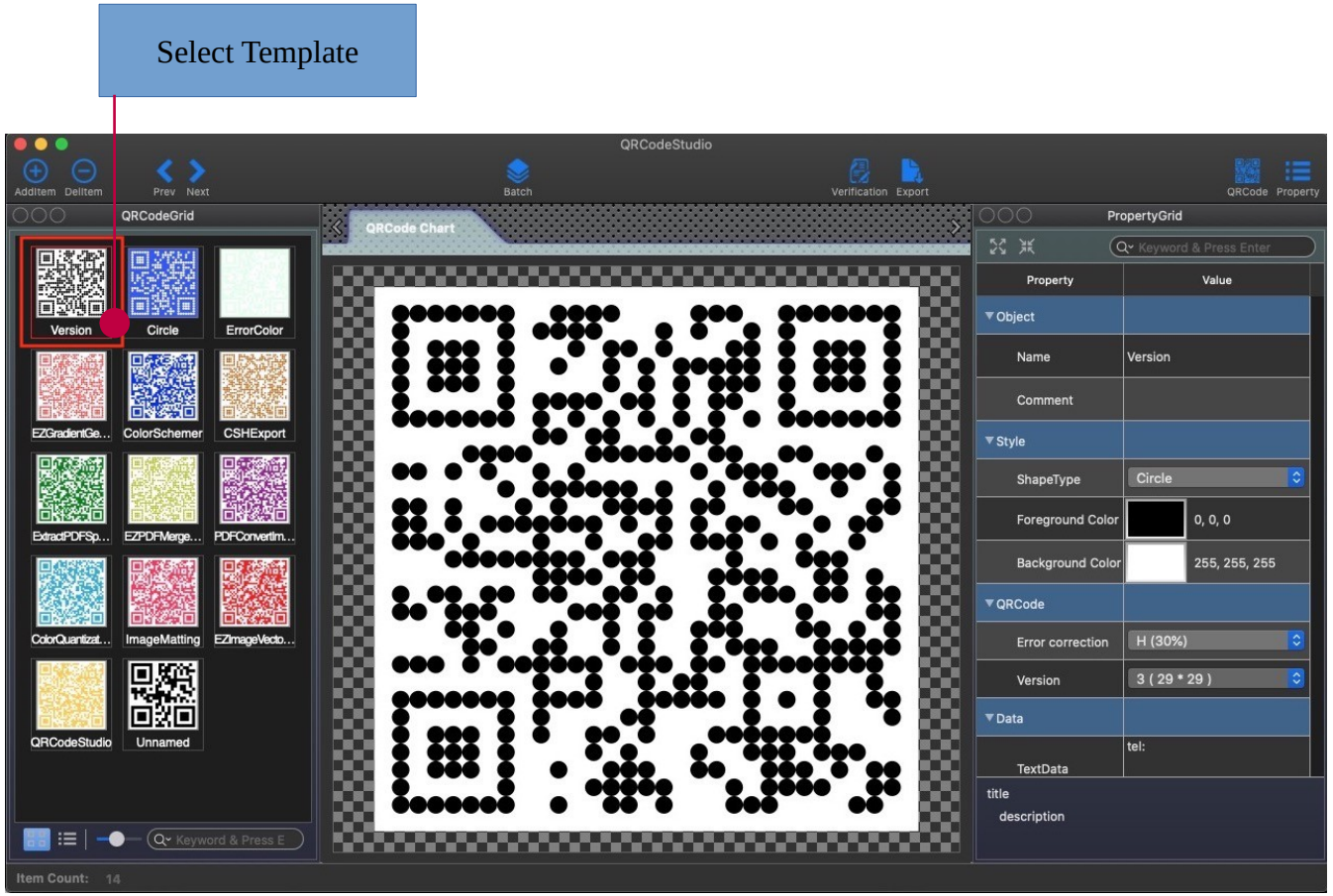


Format	
SVG	Support SVG file format output.
PNG	Support PNG file format output
JPG	Support JPG file format output
PDF	Support PDF file format output
EPS	Support EPS file format output

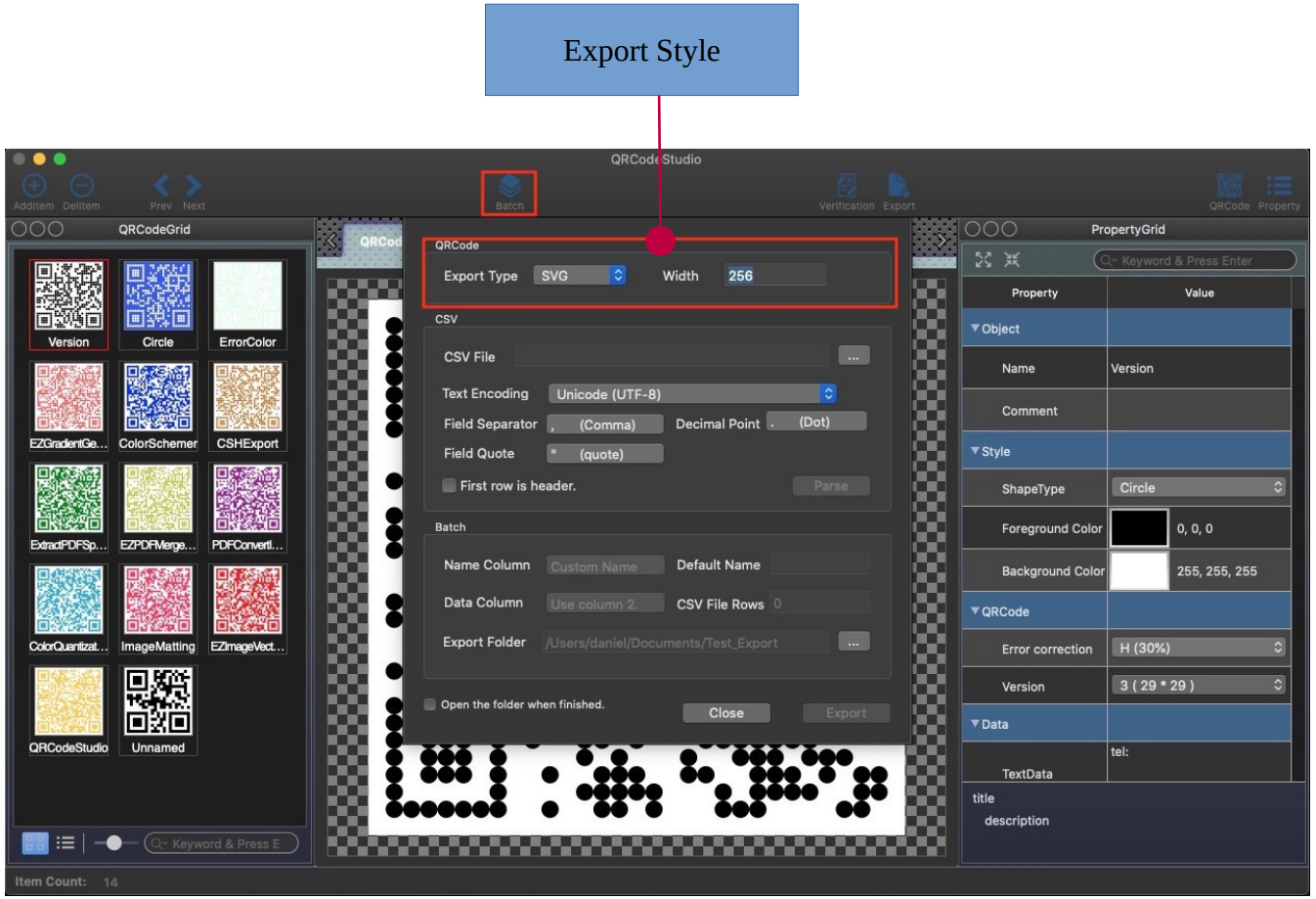
Batch QRCode from CSV File



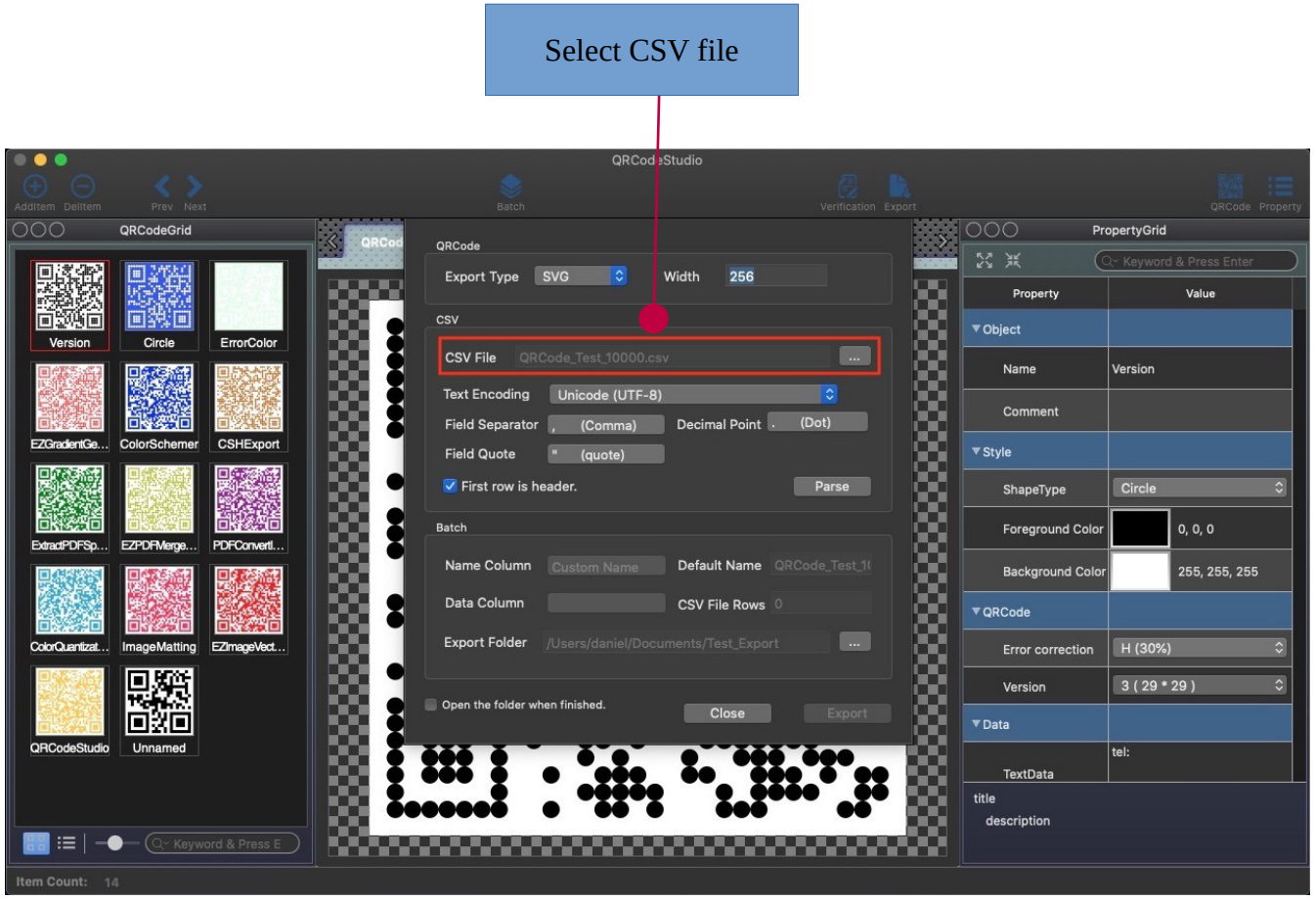
How to generate QR codes in batch



Setup Export Style

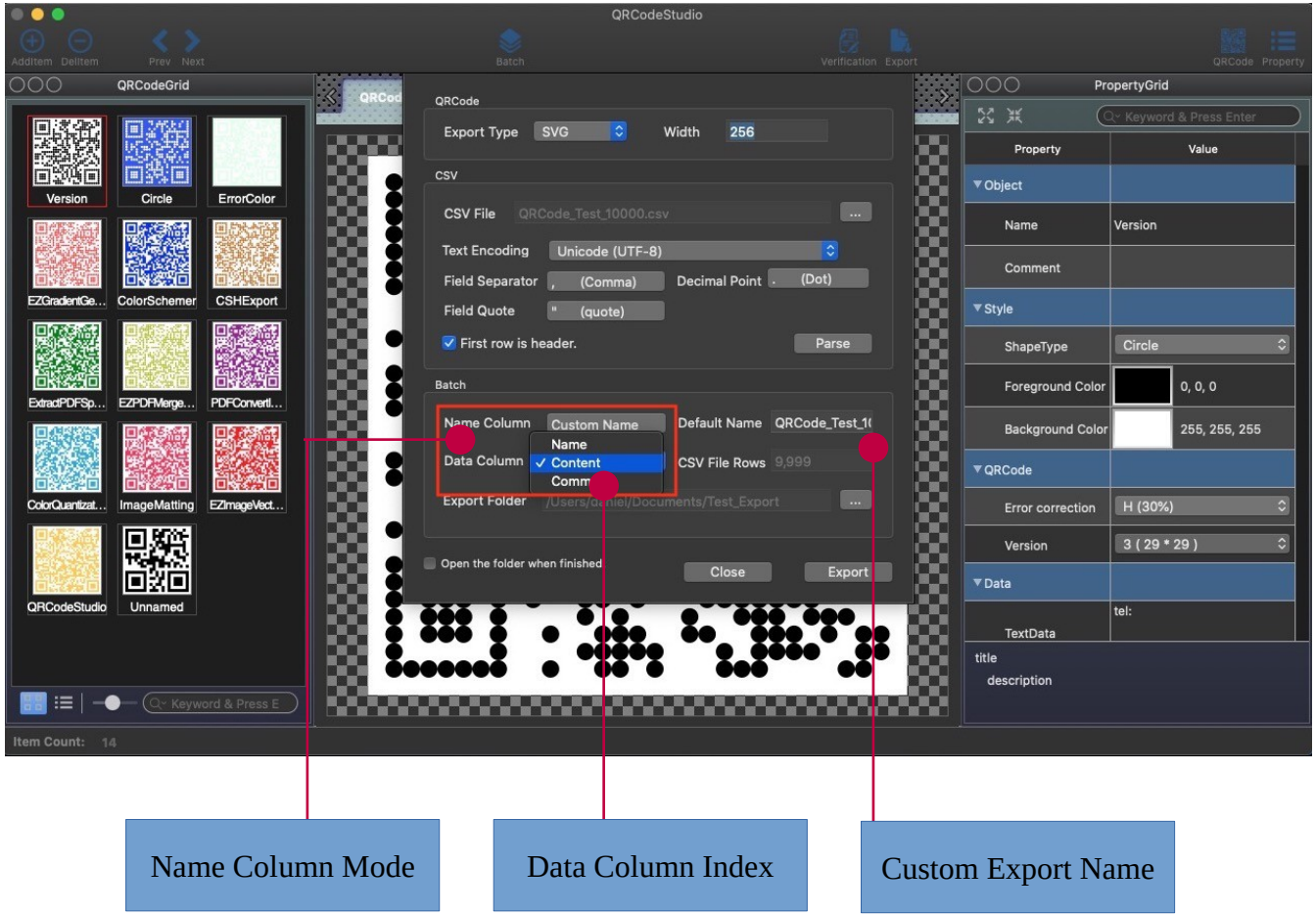


Load CSV File

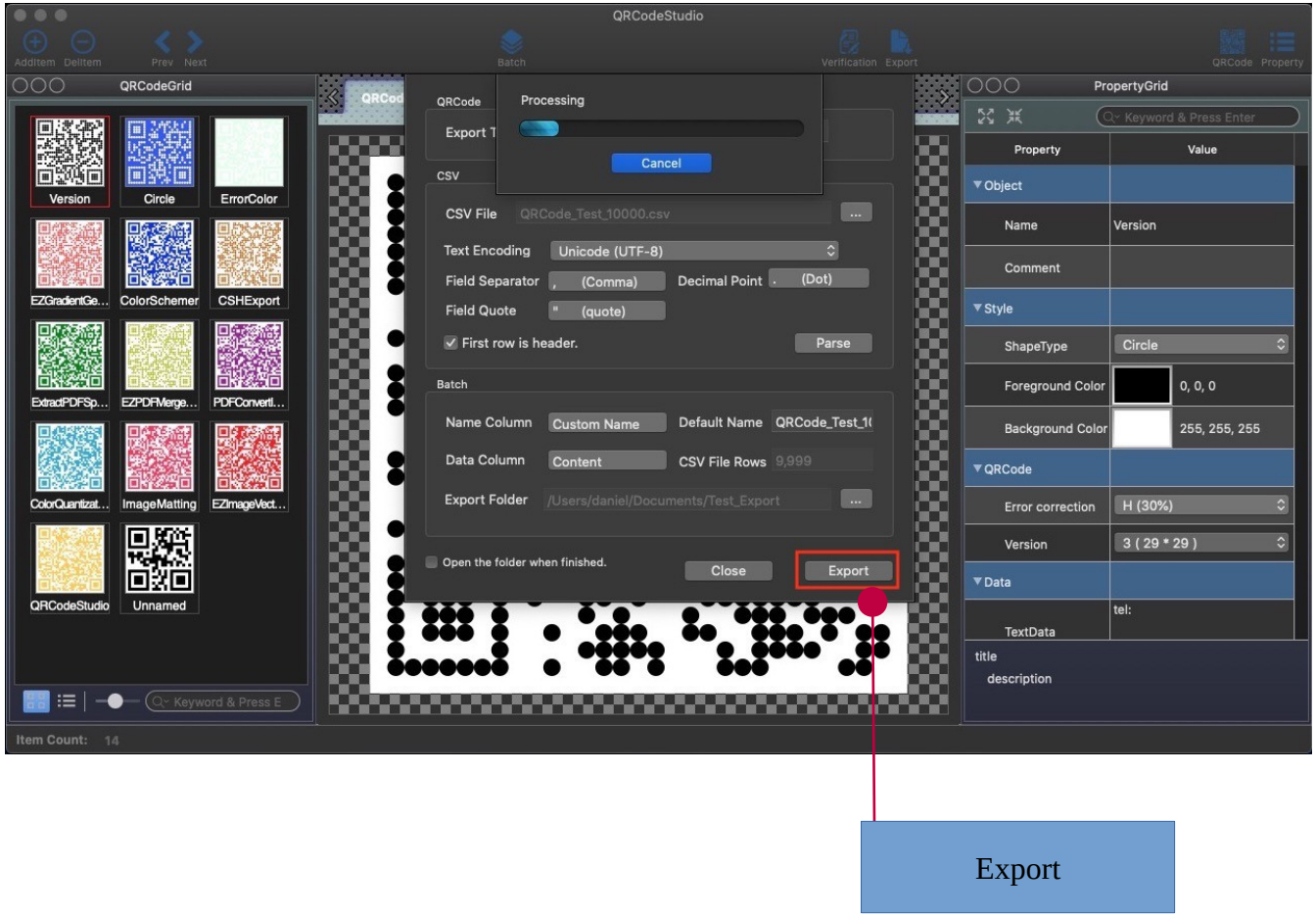


Setup CSV Data

Setup Batch Info



Export

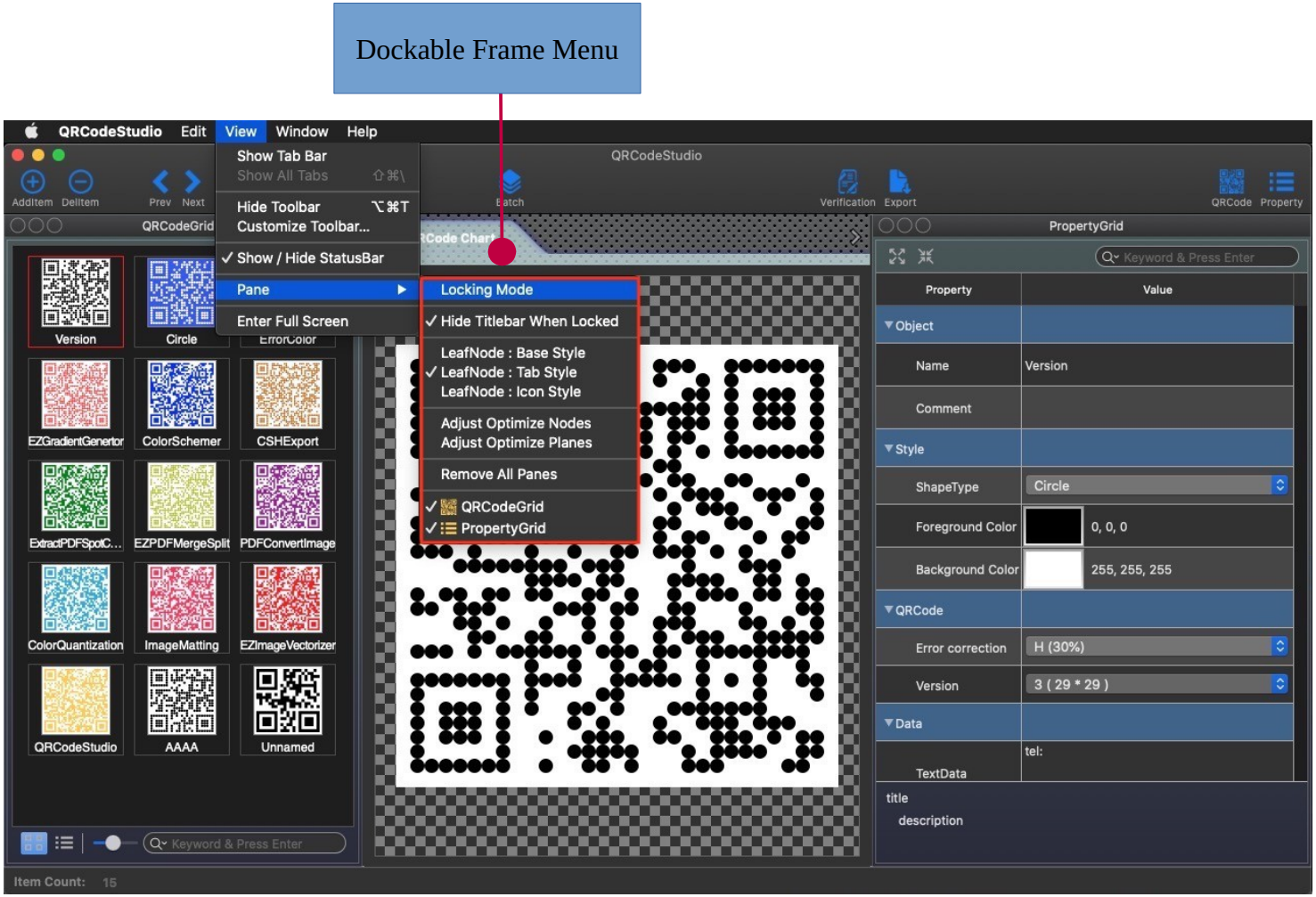

QRCodeStudio
QRCodeGrid
PropertyGrid
Processing
Cancel
CSV File
QRCode_Test_10000.csv
Text Encoding
Unicode (UTF-8)
Field Separator
(Comma)
Decimal Point
(Dot)
Field Quote
(quote)
First row is header.
Parse
Batch
Name Column
Custom Name
Default Name
Data Column
Content
CSV File Rows
Export Folder
/Users/daniel/Documents/Test_Export
Open the folder when finished.
Close
Export
Property
Value
Object
Name
Version
Comment
Style
ShapeType
Circle
Foreground Color
0, 0, 0
Background Color
255, 255, 255
QRCode
Error correction
H (30%)
Version
3 (29 * 29)
Data
TextData
tel:
title
description
Item Count: 14
Export

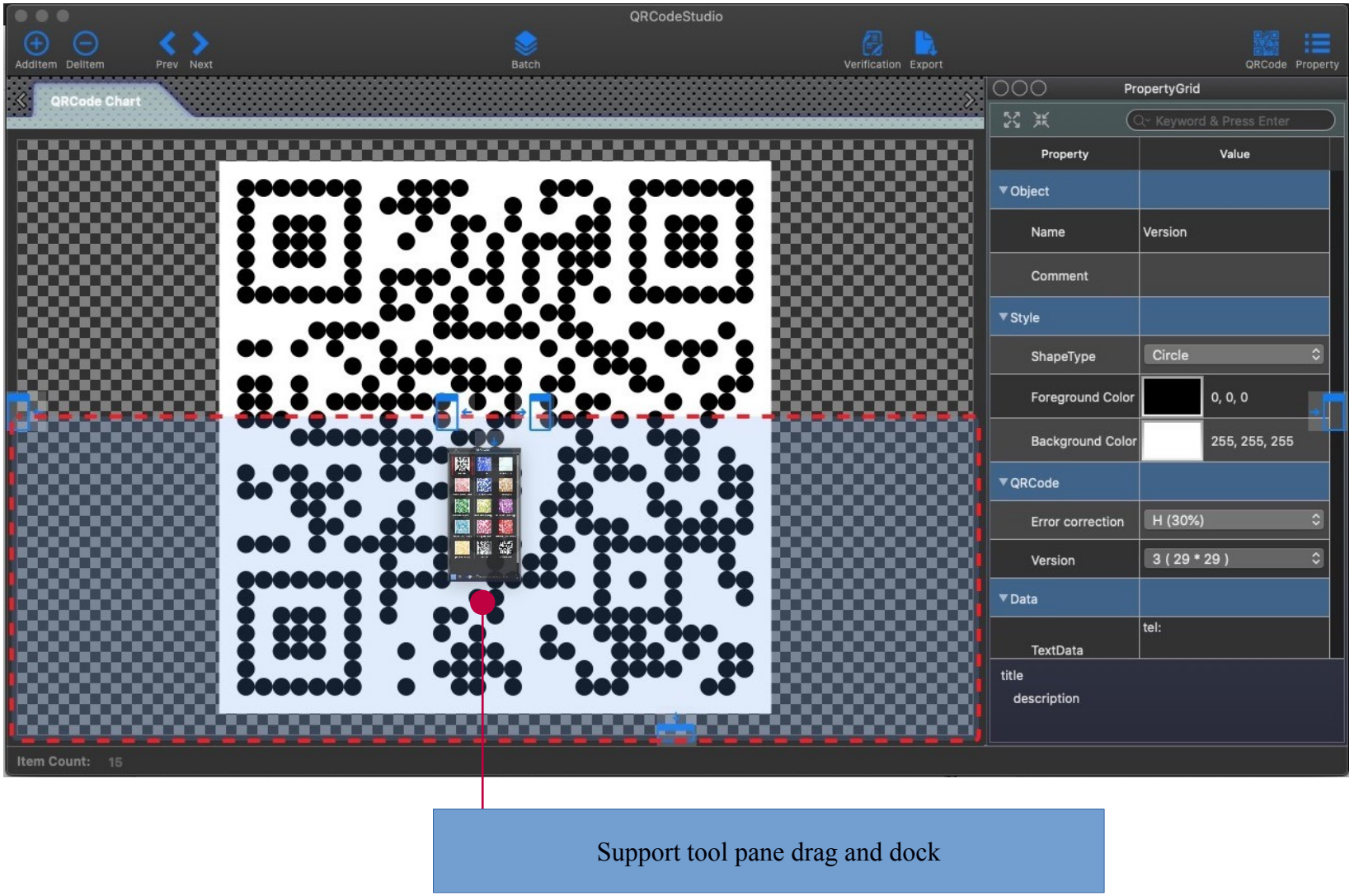
CSV-Sample

QRCode_CSV_Test

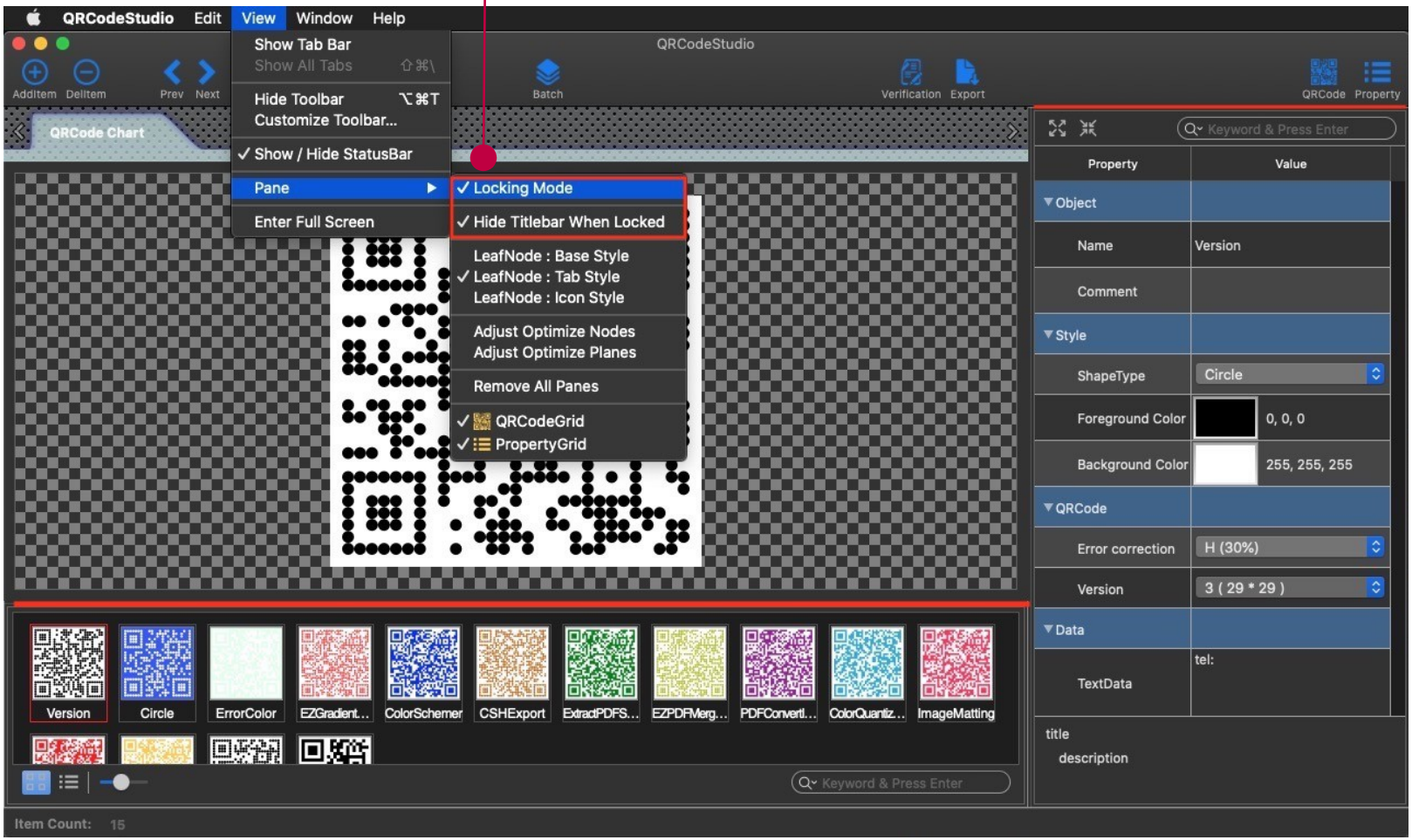
Name	Content	Comment
QRCode_1	Text Data Test	Text
QRCode_2	123456789	Number
QRCode_3	https://itunes.apple.com/app/id1477140185	AppStore
QRCode_4	tel:111111111	Phone
QRCode_5	mailto:test@test.test	Email
QRCode_6	6666	
QRCode_7	7777	
QRCode_8	8888	
QRCode_9	9999	

Dockable Frame Module

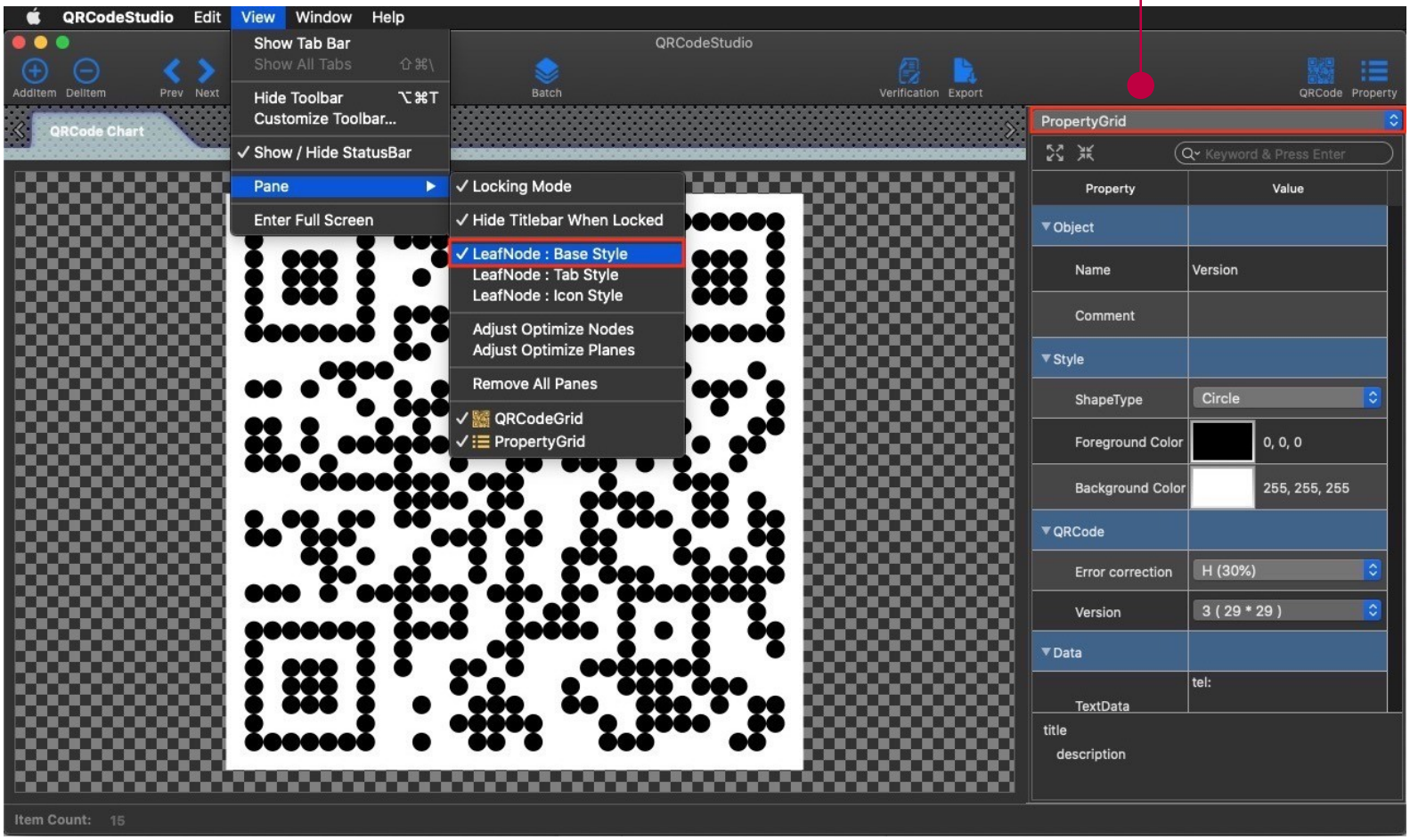


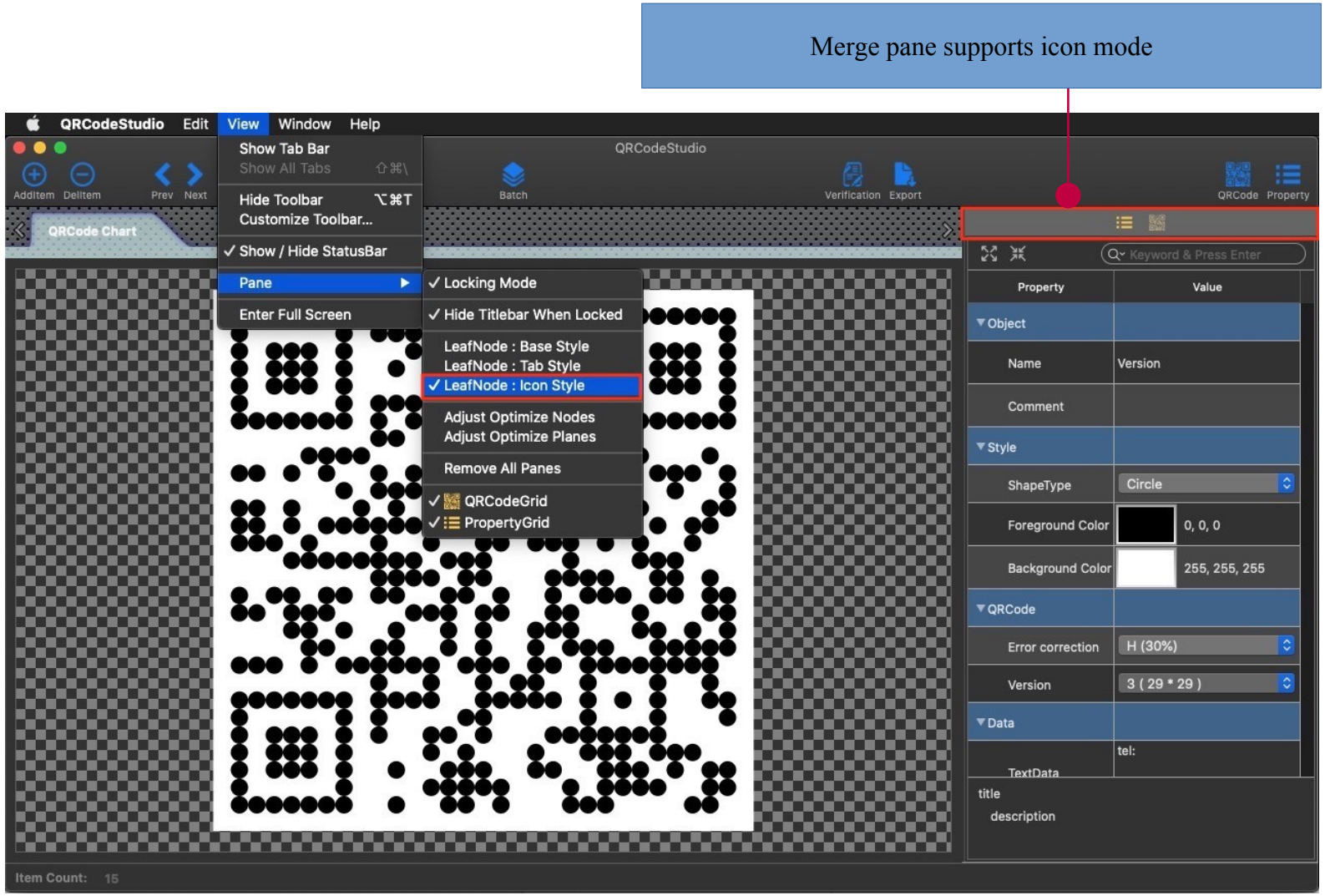

QRCodeStudio
AddItem
DelItem
Prev
Next
Batch
Verification
Export
QRCode
Property
QRCode Chart
PropertyGrid
Keyword & Press Enter
Property
Value
Object
Name
Version
Comment
Style
ShapeType
Circle
Foreground Color
0, 0, 0
Background Color
255, 255, 255
QRCode
Error correction
H (30%)
Version
3 (29 * 29)
Data
TextData
tel:
title
description
Item Count: 15
Support tool pane drag and dock

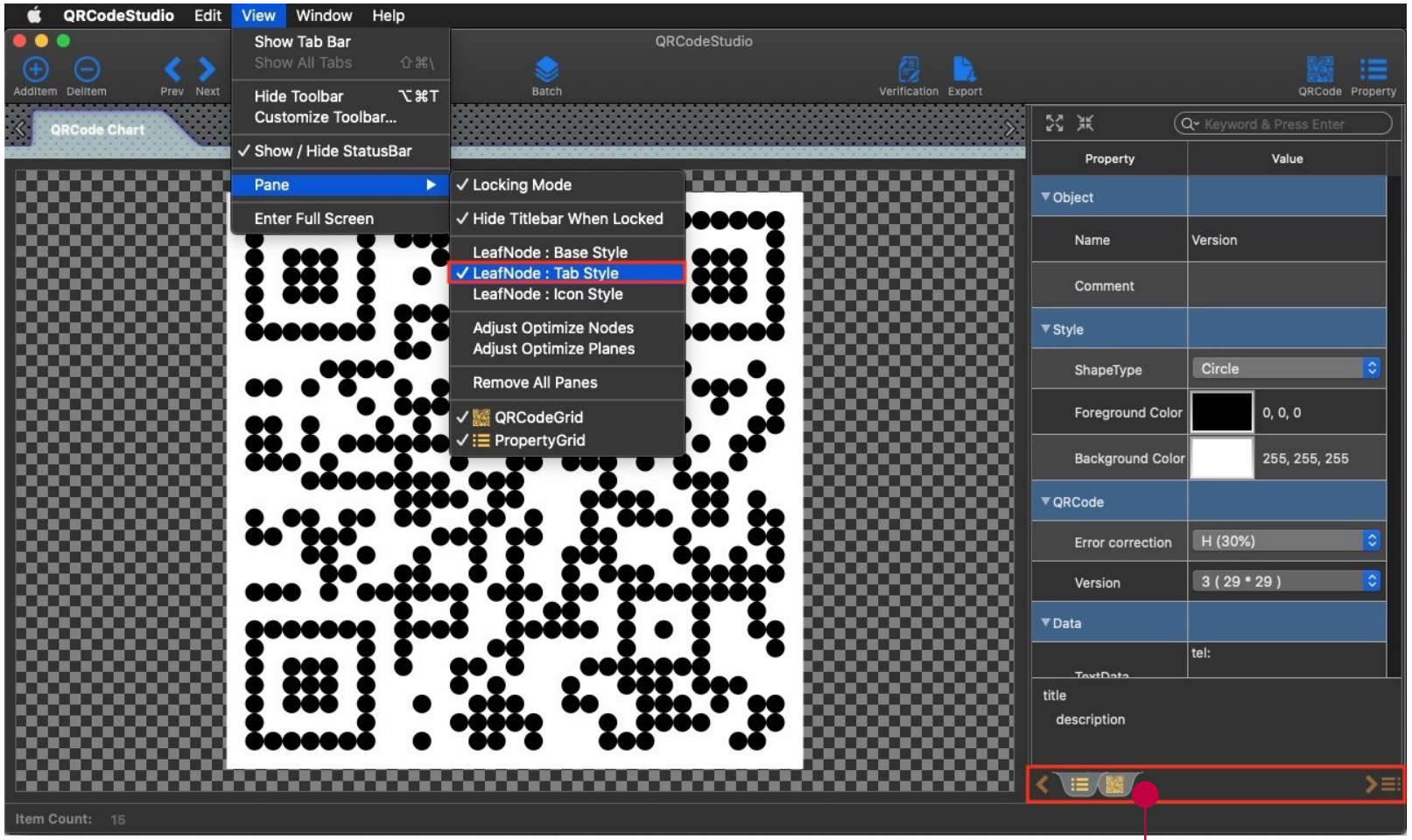
Support tool pane lock and hide title bar



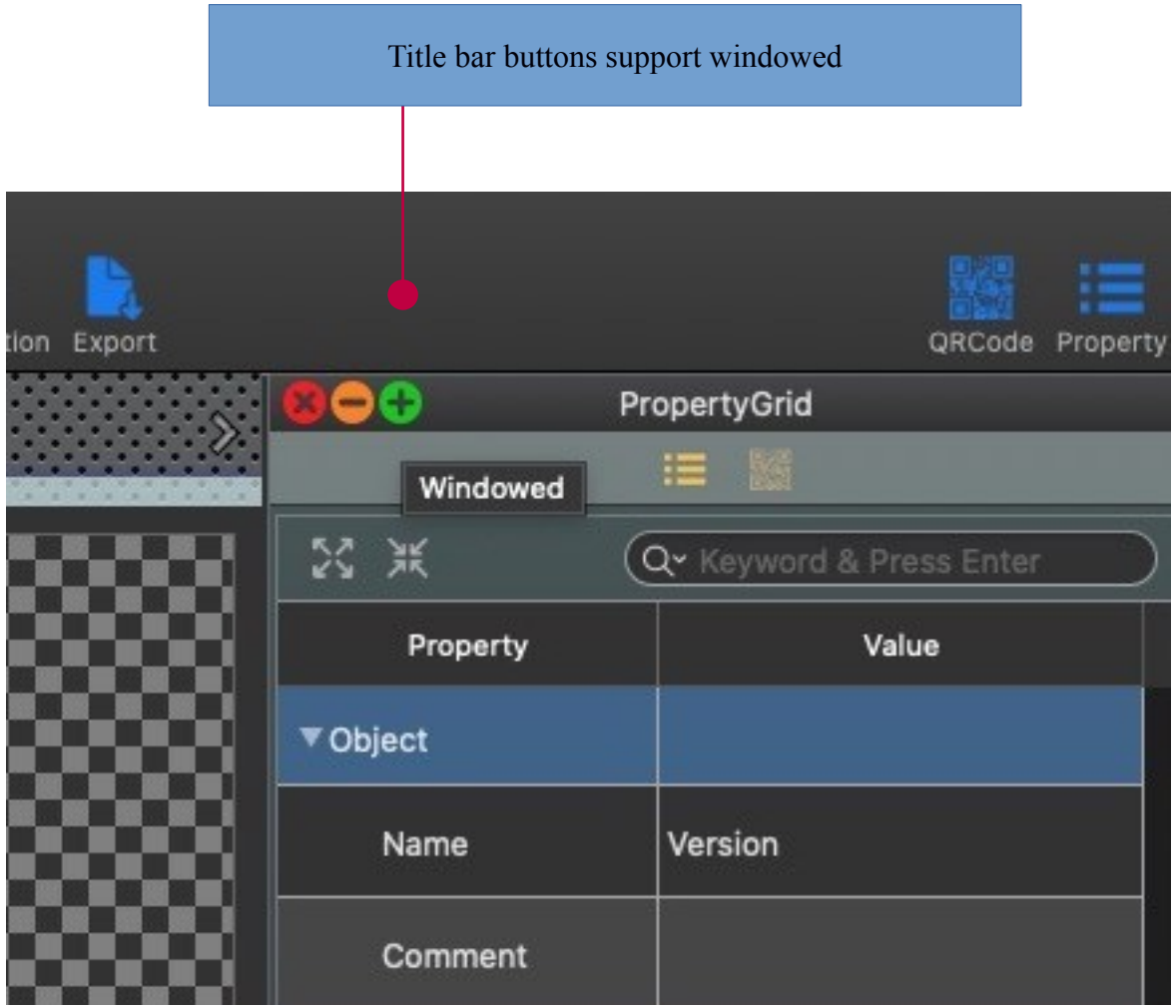
Merge pane supports base mode (PopupMenu)

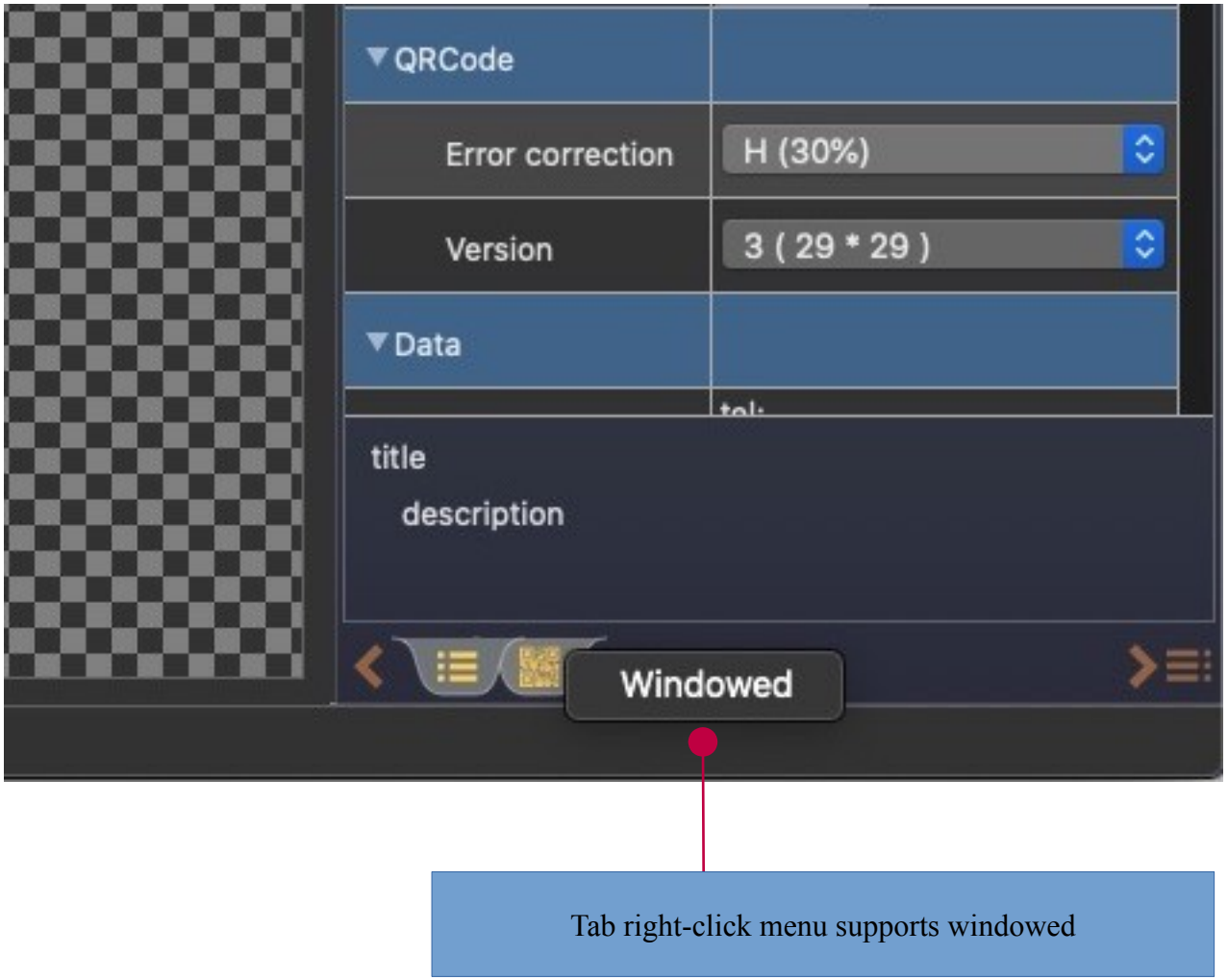



Merge pane supports icon mode
QRCodeStudio
Edit
View
Window
Help
Show Tab Bar
Show All Tabs
Hide Toolbar
Customize Toolbar...
Show / Hide StatusBar
Pane
Enter Full Screen
Locking Mode
Hide Titlebar When Locked
LeafNode : Base Style
LeafNode : Tab Style
LeafNode : Icon Style
Adjust Optimize Nodes
Adjust Optimize Planes
Remove All Panes
QRCodeGrid
PropertyGrid
QRCodeStudio
AddItem
DelItem
Prev
Next
Batch
Verification
Export
QRCode
Property
QRCode Chart
Keyword & Press Enter
Property
Value
Object
Name
Version
Comment
Style
ShapeType
Circle
Foreground Color
0, 0, 0
Background Color
255, 255, 255
QRCode
Error correction
H (30%)
Version
3 (29 * 29)
Data
TextData
tel:
title
description
Item Count: 15



Merge pane supports tab mode (Support tab dragging tool pane)


Title bar buttons support windowed
Export
QRCode
Property
PropertyGrid
Windowed
Keyword & Press Enter
Property
Value
Object
Name
Version
Comment


QRCode
Error correction
H (30%)
Version
3 (29 * 29)
Data
title
description
Windowed
Tab right-click menu supports windowed

QRCode Version

Version	Modules	ECC Level	Data bits	Numeric	Alphanumeric	Binary	Kanji
1	21x21	L	152	41	25	17	10
		M	128	34	20	14	8
		Q	104	27	16	11	7
		H	72	17	10	7	4
2	25x25	L	272	77	47	32	20
		M	224	63	38	26	16
		Q	176	48	29	20	12
		H	128	34	20	14	8
3	29x29	L	440	127	77	53	32
		M	352	101	61	42	26
		Q	272	77	47	32	20
		H	208	58	35	24	15
4	33x33	L	640	187	114	78	48
		M	512	149	90	62	38
		Q	384	111	67	46	28
		H	288	82	50	34	21
5	37x37	L	864	255	154	106	65
		M	688	202	122	84	52
		Q	496	144	87	60	37
		H	368	106	64	44	27
6	41x41	L	1,088	322	195	134	82

Version	Modules	ECC Level	Data bits	Numeric	Alphanumeric	Binary	Kanji
		M	864	255	154	106	65
		Q	608	178	108	74	45
		H	480	139	84	58	36
7	45x45	L	1,248	370	224	154	95
		M	992	293	178	122	75
		Q	704	207	125	86	53
		H	528	154	93	64	39
8	49x49	L	1,552	461	279	192	118
		M	1,232	365	221	152	93
		Q	880	259	157	108	66
		H	688	202	122	84	52
9	53x53	L	1,856	552	335	230	141
		M	1,456	432	262	180	111
		Q	1,056	312	189	130	80
		H	800	235	143	98	60
10	57x57	L	2,192	652	395	271	167
		M	1,728	513	311	213	131
		Q	1,232	364	221	151	93
		H	976	288	174	119	74
11	61x61	L	2,592	772	468	321	198
		M	2,032	604	366	251	155
		Q	1,440	427	259	177	109
		H	1,120	331	200	137	85

Version	Modules	ECC Level	Data bits	Numeric	Alphanumeric	Binary	Kanji
12	65x65	L	2,960	883	535	367	226
		M	2,320	691	419	287	177
		Q	1,648	489	296	203	125
		H	1,264	374	227	155	96
13	69x69	L	3,424	1,022	619	425	262
		M	2,672	796	483	331	204
		Q	1,952	580	352	241	149
		H	1,440	427	259	177	109
14	73x73	L	3,688	1,101	667	458	282
		M	2,920	871	528	362	223
		Q	2,088	621	376	258	159
		H	1,576	468	283	194	120
15	77x77	L	4,184	1,250	758	520	320
		M	3,320	991	600	412	254
		Q	2,360	703	426	292	180
		H	1,784	530	321	220	136
16	81x81	L	4,712	1,408	854	586	361
		M	3,624	1,082	656	450	277
		Q	2,600	775	470	322	198
		H	2,024	602	365	250	154
17	85x85	L	5,176	1,548	938	644	397
		M	4,056	1,212	734	504	310
		Q	2,936	876	531	364	224

Version	Modules	ECC Level	Data bits	Numeric	Alphanumeric	Binary	Kanji
		H	2,264	674	408	280	173
18	89x89	L	5,768	1,725	1,046	718	442
		M	4,504	1,346	816	560	345
		Q	3,176	948	574	394	243
		H	2,504	746	452	310	191
19	93x93	L	6,360	1,903	1,153	792	488
		M	5,016	1,500	909	624	384
		Q	3,560	1,063	644	442	272
		H	2,728	813	493	338	208
20	97x97	L	6,888	2,061	1,249	858	528
		M	5,352	1,600	970	666	410
		Q	3,880	1,159	702	482	297
		H	3,080	919	557	382	235
21	101x101	L	7,456	2,232	1,352	929	572
		M	5,712	1,708	1,035	711	438
		Q	4,096	1,224	742	509	314
		H	3,248	969	587	403	248
22	105x105	L	8,048	2,409	1,460	1,003	618
		M	6,256	1,872	1,134	779	480
		Q	4,544	1,358	823	565	348
		H	3,536	1,056	640	439	270
23	109x109	L	8,752	2,620	1,588	1,091	672
		M	6,880	2,059	1,248	857	528

Version	Modules	ECC Level	Data bits	Numeric	Alphanumeric	Binary	Kanji
		Q	4,912	1,468	890	611	376
		H	3,712	1,108	672	461	284
24	113x113	L	9,392	2,812	1,704	1,171	721
		M	7,312	2,188	1,326	911	561
		Q	5,312	1,588	963	661	407
		H	4,112	1,228	744	511	315
25	117x117	L	10,208	3,057	1,853	1,273	784
		M	8,000	2,395	1,451	997	614
		Q	5,744	1,718	1,041	715	440
		H	4,304	1,286	779	535	330
26	121x121	L	10,960	3,283	1,990	1,367	842
		M	8,496	2,544	1,542	1,059	652
		Q	6,032	1,804	1,094	751	462
		H	4,768	1,425	864	593	365
27	125x125	L	11,744	3,514	2,132	1,465	902
		M	9,024	2,701	1,637	1,125	692
		Q	6,464	1,933	1,172	805	496
		H	5,024	1,501	910	625	385
28	129x129	L	12,248	3,669	2,223	1,528	940
		M	9,544	2,857	1,732	1,190	732
		Q	6,968	2,085	1,263	868	534
		H	5,288	1,581	958	658	405
29	133x133	L	13,048	3,909	2,369	1,628	1,002

Version	Modules	ECC Level	Data bits	Numeric	Alphanumeric	Binary	Kanji
		M	10,136	3,035	1,839	1,264	778
		Q	7,288	2,181	1,322	908	559
		H	5,608	1,677	1,016	698	430
30	137x137	L	13,880	4,158	2,520	1,732	1,066
		M	10,984	3,289	1,994	1,370	843
		Q	7,880	2,358	1,429	982	604
		H	5,960	1,782	1,080	742	457
31	141x141	L	14,744	4,417	2,677	1,840	1132
		M	11,640	3,486	2,113	1,452	894
		Q	8,264	2,473	1,499	1,030	634
		H	6,344	1,897	1,150	790	486
32	145x145	L	15,640	4,686	2,840	1,952	1,201
		M	12,328	3,693	2,238	1,538	947
		Q	8,920	2,670	1,618	1,112	684
		H	6,760	2,022	1,226	842	518
33	149x149	L	16,568	4,965	3,009	2,068	1,273
		M	13,048	3,909	2,369	1,628	1,002
		Q	9,368	2,805	1,700	1,168	719
		H	7,208	2,157	1,307	898	553
34	153x153	L	17,528	5,253	3,183	2,188	1,347
		M	13,800	4,134	2,506	1,722	1,060
		Q	9,848	2,949	1,787	1,228	756
		H	7,688	2,301	1,394	958	590

Version	Modules	ECC Level	Data bits	Numeric	Alphanumeric	Binary	Kanji
35	157x157	L	18,448	5,529	3,351	2,303	1,417
		M	14,496	4,343	2,632	1,809	1,113
		Q	10,288	3,081	1,867	1,283	790
		H	7,888	2,361	1,431	983	605
36	161x161	L	19,472	5,836	3,537	2,431	1,496
		M	15,312	4,588	2,780	1,911	1,176
		Q	10,832	3,244	1,966	1,351	832
		H	8,432	2,524	1,530	1,051	647
37	165x165	L	20,528	6,153	3,729	2,563	1,577
		M	15,936	4,775	2,894	1,989	1,224
		Q	11,408	3,417	2,071	1,423	876
		H	8,768	2,625	1,591	1,093	673
38	169x169	L	21,616	6,479	3,927	2,699	1,661
		M	16,816	5,039	3,054	2,099	1,292
		Q	12,016	3,599	2,181	1,499	923
		H	9,136	2,735	1,658	1,139	701
39	173x173	L	22,496	6,743	4,087	2,809	1,729
		M	17,728	5,313	3,220	2,213	1,362
		Q	12,656	3,791	2,298	1,579	972
		H	9,776	2,927	1,774	1,219	750
40	177x177	L	23,648	7,089	4,296	2,953	1,817
		M	18,672	5,596	3,391	2,331	1,435
		Q	13,328	3,993	2,420	1,663	1,024

Version	Modules	ECC Level	Data bits	Numeric	Alphanumeric	Binary	Kanji
		H	10,208	3,057	1,852	1,273	784

QRCode : Error Correction

Error Correction	
Level L (Low)	7% of codewords can be restored.
Level M (Medium)	15% of codewords can be restored.
Level Q (Quartile)	25% of codewords can be restored.
Level H (High)	30% of codewords can be restored.