

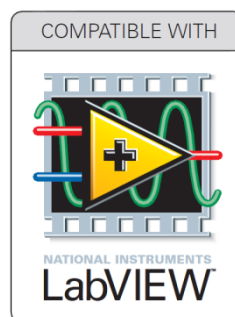


Web Pager

No front panel should be a hostage!

Version: 0.61.2

Supported UI Elements



August 2014

Overview

In this document you'll find information on supported LabVIEW User Interface (UI) elements. Most common UI elements are already supported as you can see on the picture below:

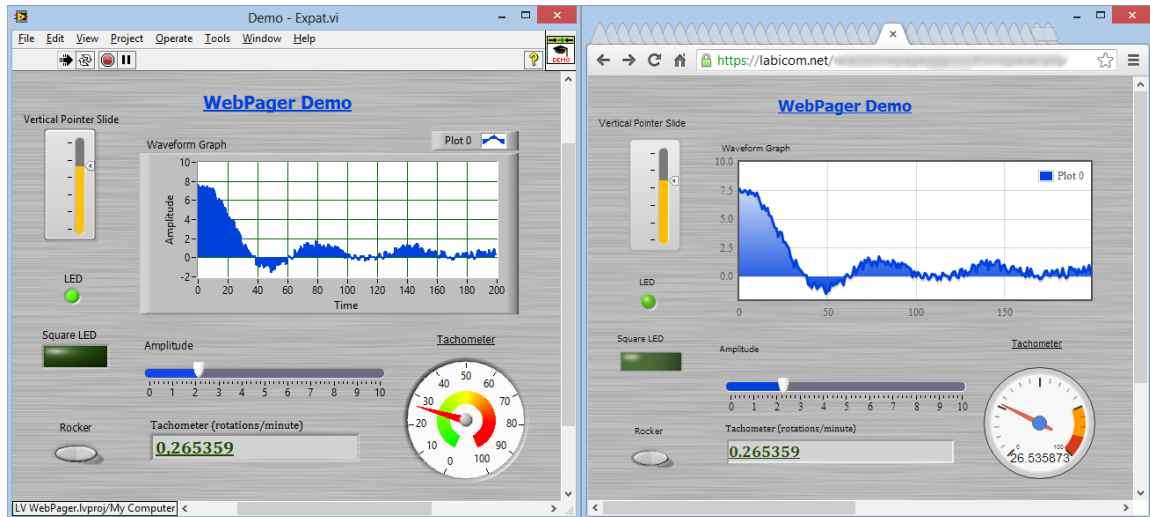


Figure 1 – LabVIEW front panel (on the left) and corresponding web page in the browser generated by WebPager (on the right).

WebPager is a LabVIEW add-on that allows accessing LabVIEW front panel from a browser without any modifications in the LabVIEW block diagram and without installing any plugins in user's browser. It doesn't require LabVIEW Run-Time Engine on client machines. The user interface created by WebPager uses only standard web-technologies – HTML5, CSS3, JavaScript.

WebPager maintains quasi real-time control over front panel via Internet from any browser-enabled device and operating system – Windows, Mac, Linux, Android, iPad, etc. Moreover, WebPager also provides API for programmatic access of its functionality.
















LabVIEW WebPager transforms LabVIEW front panel layout into HTML5 page and organizes the communication between a target VI and a newly created web page in the modern browser.














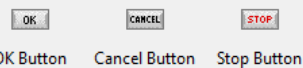





















Supported LabVIEW UI elements.


















WebPager version number prior to 1.0 will be indicating supported GUI elements available in both LabVIEW and WebPager. For example, if WebPager supports 10 elements out of LabVIEW's total of 100 (figures are arbitrary), then WebPager version is 0.1 (10 divided by 100). In other words, **currently WebPager version number represents percentage of supported LabVIEW GUI elements.** In the following list elements that are not considered as mandatory (and are not taken into the account when calculating percentage of supported elements) will be greyed out.

















Table 1 – Supported LabVIEW GUI elements


















No	Name	Image	Supported in WebPager	Comments
1	Numeric Control	 Numeric Co...	Supported	
2	Numeric Indicator	 Numeric Indi...	Supported	
3	Time Stamp Control	 Time Stamp ...	Partially supported	
4	Time Stamp Indicator	 Time Stamp ...	Partially supported	
5	Vertical Fill Slide	 Vertical Fill Sl...	Supported	
6	Vertical Pointer Slide	 Vertical Poin...	Supported	
7	Vertical Progress Bar	 Vertical Prog...	Supported	
8	Vertical Graduated Bar	 Vertical Grad...	Supported	
9	Horizontal Fill Slide	 Horizontal Fi...	Supported	
10	Horizontal Pointer Slide	 Horizontal P...	Supported	
11	Horizontal Progress Bar	 Horizontal Pr...	Supported	
12	Horizontal Graduated Bar	 Horizontal G...	Supported	
13	Knob	 Knob	Partially supported	
14	Dial	 Dial	Partially supported	
15	Meter	 Meter	Supported	

16	Gauge	 Gauge	Supported	
17	Tank	 Tank	Supported	
18	Thermometer	 Thermometer	Supported	
19	Framed Color Box	 Framed Colo...	Partially supported	
20	Push Button	 Push Button	Supported	
21	Rocker	 Rocker	Supported	
22	Vert Rocker	 Vert Rocker	Supported	
23	Round LED	 Round LED	Supported	
24	Horizontal Toggle Switch	 Horizontal T...	Supported	
25	Vertical Toggle Switch	 Vertical Tog...	Supported	
26	Square LED	 Square LED	Supported	
27	Slide Switch	 Slide Switch	Supported	
28	Vertical Slide Switch	 Vertical Slide...	Supported	
29	OK, Cancel, Stop, ... buttons	 OK Button Cancel Button Stop Button	Supported	
30	Radio Buttons	 Radio Buttons	Supported	
31	String Control	 String Control	Supported	
32	String Indicator	 String Indica...	Supported	


















33	Combo Box	 Combo Box	Supported	
34	File Path Control	 File Path Co...		Coming soon
35	File Path Indicator	 File Path Indi...		Coming soon
36	Array	 Array		
37	Cluster	 Cluster		
38	Error In	 Error In 3D.ctl		
39	Error Out	 Error Out 3D...		
40	Listbox	 Listbox		
41	Multicolumn Listbox	 Multicolumn...		
42	Table	 Table	Partially supported	
43	Tree	 Tree		
44	Waveform Chart	 Waveform C...	Partially supported	
45	Waveform Graph	 Waveform G...	Partially supported	
46	XY Graph	 XY Graph		
47	Intensity Chart	 Intensity Chart		
48	Intensity Graph	 Intensity Gra...		




49	Digital Waveform Graph	 Digital Wave...		
50	Mixed Signal Graph	 Mixed Signal...		
51	Compass Plot	 Compass Plot		
52	Error Bar Plot	 Error Bar Plot		
53	Feather Plot	 Feather Plot		
54	Text Ring	 Text Ring	Partially supported	
55	Menu Ring	 Menu Ring	Partially supported	
56	Enum	 Enum	Partially supported	
57	Pict Ring	 Pict Ring		
58	Text & Pict Ring	 Text & Pict R...		
59	Tab Control	 Tab Control	Partially supported	
60	Horizontal Splitter Bar	 Hor Splitter ...		
61	Vertical Splitter Bar	 Vert Splitter ...		
62	Numeric Control (Silver)	 Numeric Co...	Supported	
63	Numeric Indicator (Silver)	 Numeric Indi...	Supported	
64	Numeric – Frameless (Silver)	 Numeric - Fr...	Supported	
65	Time Stamp (Silver)	 Time Stamp ...	Partially supported	


















66	Vertical Fill Slide (Silver)	 Vertical Fill Sl...	Supported	
67	Vertical Pointer Slide (Silver)	 Vertical Poin...	Supported	
68	Vertical Progress Bar (Silver)	 Vertical Prog...	Supported	
69	Vertical Graduated Bar (Silver)	 Vertical Grad...	Supported	
70	Horizontal Fill Slide (Silver)	 Horizontal Fi...	Supported	
71	Horizontal Pointer Slide (Silver)	 Horizontal P...	Supported	
72	Horizontal Progress Bar (Silver)	 Horizontal Pr...	Supported	
73	Horizontal Graduated Bar (Silver)	 Horizontal G...	Supported	
74	Knob (Silver)	 Knob (Silver)	Partially supported	
75	Dial (Silver)	 Dial (Silver)	Partially supported	
76	Meter (Silver)	 Meter (Silver)	Supported	
77	Gauge (Silver)	 Gauge (Silver)	Supported	
78	Tank (Silver)	 Tank (Silver)	Supported	
79	Thermometer (Silver)	 Thermomete...	Supported	
80	Color Box (Silver)	 Color Box (Si...	Partially supported	
81	Round Color Box (Silver)	 Round Color...	Partially supported	


















82	Push Button (Silver)	 Push Button ...	Supported	
83	LED (Silver)	 LED (Silver)		Coming soon
84	OK Button (Silver)	 OK Button (S...	Supported	
85	Cancel Button (Silver)	 Cancel Butto...	Supported	
86	Stop Button (Silver)	 Stop Button ...	Supported	
87	Blank Button (Silver)	 Blank Button...	Supported	
88	Process Stop (Silver)	 Process Stop...	Supported	
89	Bottom Button (Silver)	 Bottom Butt...	Supported	
90	Down Button (Silver)	 Down Butto...	Supported	
91	Up Button (Silver)	 Up Button (S...	Supported	
92	Top Button (Silver)	 Top Button (...	Supported	
93	Home Button (Silver)	 Home Butto...	Supported	
94	First Button (Silver)	 First Button (...	Supported	
95	Previous Button (Silver)	 Previous But...	Supported	
96	Next Button (Silver)	 Next Button ...	Supported	
97	Last Button (Silver)	 Last Button (...	Supported	
98	Jump Button (Silver)	 Jump Button...	Supported	


















99	Play Button (Silver)	 Play Button (...	Supported	
100	Pause Button (Silver)	 Pause Butto...	Supported	
101	Media Stop Button (Silver)	 Media Stop ...	Supported	
102	Eject Button (Silver)	 Eject Button ...	Supported	
103	Record Button (Silver)	 Record Butto...	Supported	
104	Skip Back Button (Silver)	 Skip Back Bu...	Supported	
105	Seek Back Button (Silver)	 Seek Back Bu...	Supported	
106	Seek Forward Button (Silver)	 Seek Forwar...	Supported	
107	Skip Forward Button (Silver)	 Skip Forward...	Supported	
108	Mail Button (Silver)	 Mail Button (...	Supported	
109	New Button (Silver)	 New Button ...	Supported	
110	Open Button (Silver)	 Open Button...	Supported	
111	Save Button (Silver)	 Save Button ...	Supported	
112	Save As Button (Silver)	 Save As Butt...	Supported	
113	Help Button (Silver)	 Help Button ...	Supported	
114	Copy Button (Silver)	 Copy Button...	Supported	


















115	Paste Button (Silver)	 Paste Button...	Supported	
116	Print Button (Silver)	 Print Button ...	Supported	
117	Refresh Button (Silver)	 Refresh Butt...	Supported	
118	Search Button (Silver)	 Search Butto...	Supported	
119	Add Button (Silver)	 Add Button (...)	Supported	
120	Remove Button (Silver)	 Remove Butt...	Supported	
121	Preferences (Silver)	 Preferences ...	Supported	
122	Settings Button (Silver)	 Settings Butt...	Supported	
123	Lock Button (Silver)	 Lock Button ...	Supported	
124	String Control (Silver)	 String Contr...	Supported	
125	String Indicator (Silver)	 String Indica...	Supported	
126	Combo Box (Silver)	 Combo Box (...)	Supported	
127	String Control Frameless (Silver)	 String Contr...	Supported	
128	String Indicator Frameless (Silver)	 String Indica...	Supported	
129	File Path Control (Silver)	 File Path Co...		Coming soon
130	Listbox (Silver)	 Listbox (Silver)		Coming soon
131	Multicolumn Listbox (Silver)	 Multicolumn...		


















132	Table (Silver)	 Table (Silver)	Partially supported	
133	Tree (Silver)	 Tree (Silver)		
134	Waveform Chart (Silver)	 Waveform C...	Partially supported	
135	Waveform Graph (Silver)	 Waveform G...	Partially supported	
136	XY Graph (Silver)	 XY Graph (Sil...		
137	Intensity Chart (Silver)	 Intensity Cha...		
138	Intensity Graph (Silver)	 Intensity Gra...		
139	Mixed Signal Graph (Silver)	 Mixed Signal...		
140	Digital Waveform Graph (Silver)	 Digital Wave...		
141	Text Ring (Silver)	 Text Ring (Sil...	Partially supported	
142	Menu Ring (Silver)	 Menu Ring (...	Partially supported	
143	Enum (Silver)	 Enum (Silver)	Partially supported	
144	Pict Ring (Silver)	 Pict Ring (Sil...		
145	Text&Pict Ring (Silver)	 Text & Pict R...		
146	System Numeric	 System Num...	Supported	
147	System Spin Control	 System Spin ...		Coming soon

















148	System Vertical Slide	 System Verti...		Coming soon
149	System Horizontal Slide	 System Horiz...		Coming soon
150	System Vertical Pointer Slide	 System Verti...		Coming soon
151	System Horizontal Pointer Slide	 System Horiz...		Coming soon
152	System Vertical Progress Bar	 System Verti...		
153	System Horizontal Progress Bar	 System Horiz...		
154	System Button	 System Button		Coming soon
155	System Cancel Button	 System Canc...		Coming soon
156	System Radio Button	 System Radi...		Coming soon
157	System Checkbox	 System Chec...		Coming soon
158	System Mixed Checkbox	 System Mixe...		
159	System Radio Buttons	 System Radi...	Supported	
160	System String	 System String	Supported	
161	System Combo Box	 System Com...	Supported	
162	System Path Control	 System Path ...		Coming soon
163	System Ring	 System Ring	Partially supported	
164	System Enum	 System Enum	Partially supported	

165	System Tab Control	 System Tab ...	Partially supported	
166	System Listbox	 System Listbox		Coming soon
167	System Multicolumn Listbox	 System Multi...		
168	System Tree	 System Tree		
169	System Table	 System Table		Coming soon
170	Numeric Control (Classic)	 Numeric Co...	Supported	
171	Numeric Indicator (Classic)	 Numeric Indi...	Supported	
172	Simple Numeric (Classic)	 Simple Num...	Supported	
173	Waveform (Classic)	 Waveform		Coming soon
174	Simple Vertical Slide (Classic)	 Simple Vertic...		Coming soon
175	Vertical Slide (Classic)	 Vertical Slide		Coming soon
176	Vertical Fill Slide (Classic)	 Vertical Fill Sl...		Coming soon
177	Vertical Pointer Slide (Classic)	 Vertical Poin...		Coming soon
178	Tank (Classic)	 Tank		Coming soon
179	Thermometer (Classic)	 Thermometer		Coming soon
180	Simple Horizontal Slide (Classic)	 Simple Horiz...		Coming soon
181	Horizontal Slide (Classic)	 Horizontal Sl...		Coming soon



182	Horizontal Fill Slide (Classic)	 Horizontal Fi...		Coming soon
183	Horizontal Pointer Slide (Classic)	 Horizontal P...		Coming soon
184	Knob (Classic)	 Knob	Partially supported	
185	Dial (Classic)	 Dial	Partially supported	
186	Meter (Classic)	 Meter	Supported	
187	Gauge (Classic)	 Gauge	Supported	
188	Color Box (Classic)	 Color Box	Partially supported	
189	Framed Color Box (Classic)	 Framed Colo...	Partially supported	
190	Color Ramp (Classic)	 Color Ramp		
191	Time Stamp Control (Classic)	 Time Stamp ...	Partially supported	
192	Time Stamp Indicator (Classic)	 Time Stamp ...	Partially supported	
193	Square Button (Classic)	 Square Button		Coming soon
194	Flat Square Button (Classic)	 Flat Square B...		Coming soon
195	Square LED (Classic)	 Square LED		Coming soon
196	Square Light (Classic)	 Square Light		Coming soon
196	Square Radio Button (Classic)	 Square Radio...		Coming soon
198	Round Button (Classic)	 Round Button		Coming soon

199	Flat Round Button (Classic)	 Flat Round B...		Coming soon
200	Round LED (Classic)	 Round LED		Coming soon
201	Round Light (Classic)	 Round Light		Coming soon
202	Round Radio Button (Classic)	 Round Radio...		Coming soon
203	Vertical Switch (Classic)	 Vertical Switch	Supported	
204	Horizontal Switch (Classic)	 Horizontal S...	Supported	
205	Vertical Toggle Switch (Classic)	 Vertical Tog...	Supported	
206	Horizontal Toggle Switch (Classic)	 Horizontal T...	Supported	
207	Checkbox (Classic)	 Checkbox		Coming soon
208	Labeled Square Button (Classic)	 Labeled Squ...		Coming soon
209	Labeled Round Button (Classic)	 Labeled Rou...		Coming soon
210	Labeled Rectangular Button (Classic)	 Labeled Rect...		Coming soon
211	Labeled Oblong Button (Classic)	 Labeled Obl...		Coming soon
212	System Button (Classic)	 System Button		Coming soon
213	System Cancel Button (Classic)	 System Canc...		Coming soon
214	System Checkbox (Classic)	 System Chec...		Coming soon
215	System Radio Button (Classic)	 System Radi...		Coming soon

216	Rectangular Stop Button (Classic)	 Rectangular ...		Coming soon
217	Round Stop Button (Classic)	 Round Stop ...		Coming soon
218	LED Button (Classic)	 LED Button		Coming soon
219	Classic Radio Buttons (Classic)	 Classic Radio...	Supported	
220	Square Push Button (Classic)	 Square Push ...	Supported	
221	Round Push Button (Classic)	 Round Push ...	Supported	
222	Vertical Slide Switch (Classic)	 Vertical Slide...	Supported	
223	Square Push Button 2 (Classic)	 Square Push ...	Supported	
224	Round Push Button 2 (Classic)	 Round Push ...	Supported	
225	Horizontal Slide Switch (Classic)	 Horizontal Sl...	Supported	
226	String Control (Classic)	 String Control	Supported	
227	String Indicator (Classic)	 String Indica...	Supported	
228	Simple String (Classic)	 Simple String	Supported	
229	File Path Control (Classic)	 File Path Co...		Coming soon
230	File Path Indicator (Classic)	 File Path Indi...		Coming soon
231	Combo Box (Classic)	 Combo Box	Supported	
232	Listbox (Classic)	 Listbox		Coming soon

233	Multicolumn Listbox (Classic)	 Multicolumn...		
234	Table (Classic)	 Table		Coming soon
235	Tree (Classic)	 Tree		
236	Waveform Chart (Classic)	 Waveform C...	Partially supported	
237	Waveform Graph (Classic)	 Waveform G...	Partially supported	
238	XY Graph (Classic)	 XY Graph		
239	Intensity Chart (Classic)	 Intensity Chart		
240	Intensity Graph (Classic)	 Intensity Gra...		
241	Digital Waveform Graph (Classic)	 Digital Wave...		
242	Text Ring (Classic)	 Text Ring	Supported	
243	Menu Ring (Classic)	 Menu Ring	Supported	
244	System Ring (Classic)	 System Ring	Supported	
245	Pict Ring (Classic)	 Pict Ring		
246	Text & Pict Ring (Classic)	 Text & Pict R...		
247	Enum (Classic)	 Enum	Supported	
248	Tab Control (Classic)	 Tab Control	Partially supported	



249	2D Picture Control	 2D Picture	Supported	
250	SubPanel	 SubPanel	Supported	