

Reading list / examples

- Go to: <https://ipywidgets.readthedocs.io/en/latest/examples/Widget%20List.html>
- Long tutorial: <https://www.youtube.com/watch?v=eWzY2nGfkXk&t=2856s>
- Launch as binder:

This page was generated from examples/Widget List.ipynb.

Interactive online version: [launch](#) [binder](#)

/ ... / source / examples /		
Name		Last Modified
images		5 days ago
Beat Frequencies.ipynb		5 days ago
Controller.ipynb		5 days ago
Exploring Graphs.ipynb		5 days ago
Export As (nbconvert).ipynb		5 days ago
Factoring.ipynb		5 days ago
Image Browser.ipynb		5 days ago
Image Processing.ipynb		5 days ago
Index.ipynb		an hour ago
Layout Example.ipynb		5 days ago
Layout Templates.ipynb		5 days ago
Lorenz Differential Equations.ipynb		14 minutes ago
Media widgets.ipynb		5 days ago
Output Widget.ipynb		14 minutes ago
Using Interact.ipynb		5 days ago
Variable Inspector.ipynb		5 days ago
Widget Alignment.ipynb		5 days ago
• Widget Asynchronous.ipynb		5 days ago
Widget Basics.ipynb		an hour ago
Widget Custom.ipynb		5 days ago
• Widget Events.ipynb		a minute ago
Widget List.ipynb		32 minutes ago
Widget Low Level.ipynb		5 days ago
Widget Styling.ipynb		5 days ago
Widget TagsInput.ipynb		5 days ago

1. Widget Basics.ipynb:

1. Multiple display() calls
2. Widget properties
3. Linking two similar widgets

2. Widget List.ipynb

1. Numeric widgets
2. Boolean widgets. EXERCISE:
 1. Return widgets.ToggleButton to variable d.
 2. In new cell run display(d).
 3. In new cell print d.value
3. Selection widgets. TIP:
 1. Selection values in Enumerator class.
4. String widget
 1. Label
 2. Textarea
5. Button:

Icon support: <https://fontawesome.com/v5.15/icons?d=gallery&p=6>

See Widget Event.ipynb
6. Play (animation widget)
7. Date, Time, Datetime picker
8. File Upload
9. Container/Layout widgets

3. Output Widget.ipynb

1. Interacting with output widgets from background threads

4. Widget Event.ipynb

1. Example: on_click event
2. Observe & signature
3. Debouncing or Throttling

Two ways to limit output.
Throttling is supposed to be more interactive.

5. Widget Styling.ipynb

1. Flex box: <https://css-tricks.com/snippets/css/a-guide-to-flexbox/>
2. The Grid layout

6. Layout Templates.ipynb

As we showed in Layout and Styling of Jupyter widgets multiple widgets can be arranged together using the flexible GridBox specification. However, use of the specification involves some understanding of CSS properties and may impose sharp learning curve. Here, we will describe layout templates built on top of GridBox that simplify creation of common widget layouts.

1. AppLayout

Header, center, footer, left_sidebar, right_sidebar
2. GridSpecLayout

7. Using Interact.ipynb

1. Basic interact
2. Disabling continuous updates (interact_manual)
3. Interactive_output
4. Arguments that are dependent on each other

8. Widget Low Level.ipynb