

# GWT - COMPLEX WIDGETS

[http://www.tutorialspoint.com/gwt/gwt\\_complex\\_widgets.htm](http://www.tutorialspoint.com/gwt/gwt_complex_widgets.htm)

Copyright © tutorialspoint.com

Complex widgets allow users to have advanced interaction capability with the application. Every complex widget inherits properties from the Widget class which in turn inherits properties from the UIObject.

S.N.	Widget & Description
1	<a href="#">GWT UIObject Class</a>  This widget contains text, not interpreted as HTML using a <div> element, causing it to be displayed with block layout.
2	<a href="#">GWT Widget Class</a>  This widget can contain HTML text and displays the HTML content using a <div> element, causing it to be displayed with block layout.

## Complex Widgets

Following are few important *Complex Widgets*:

S.N.	Widget & Description
1	<a href="#">Tree</a>  This widget represents a standard hierarchical tree widget. The tree contains a hierarchy of TreeItems that the user can open, close, and select.
2	<a href="#">MenuBar</a>  This widget represents a standard menu bar widget. A menu bar can contain any number of menu items, each of which can either fire a Command or open a cascaded menu bar.
3	<a href="#">DatePicker</a>  This widget represents a standard GWT date picker.
4	<a href="#">CellTree</a>  This widget represents a view of a tree. This widget will only work in standards mode, which requires that the HTML page in which it is run have an explicit <!DOCTYPE> declaration.
5	<a href="#">CellList</a>  This widget represents a single column list of cells.

6

### [CellTable](#)

This widget represents a tabular view that supports paging and columns.

7

### [CellBrowser](#)

This widget represents a **browsable** view of a tree in which only a single node per level may be open at one time. This widget will only work in standards mode, which requires that the HTML page in which it is run have an explicit `<!DOCTYPE>` declaration.