Chapter 4

What is panel?

Panel is a generic grouping component for JSF components, with features such as toggling, closing, a built-in pop-up menu, and AJAX listeners.

Panel’s attributes are:

|  |  |  |  |
| --- | --- | --- | --- |
| id | false | javax.el.ValueExpression  (*must evaluate to*java.lang.String) | Unique identifier of the component in a namingContainer. |
| rendered | false | javax.el.ValueExpression  (*must evaluate to*java.lang.Boolean) | Boolean value to specify the rendering of the component, when set to false component will not be rendered. |
| binding | false | javax.el.ValueExpression  (*must evaluate to*javax.faces.component.UIComponent) | An el expression referring to a server side UIComponent instance in a backing bean. |
| widgetVar | false | javax.el.ValueExpression  (*must evaluate to*java.lang.String) | Name of the client side widget. |
| header | false | javax.el.ValueExpression  (*must evaluate to*java.lang.String) | Header text. |
| footer | false | javax.el.ValueExpression  (*must evaluate to*java.lang.String) | Footer text. |
| toggleable | false | javax.el.ValueExpression  (*must evaluate to*java.lang.Boolean) | Makes panel toggleable. Default is false. |
| toggleSpeed | false | javax.el.ValueExpression  (*must evaluate to*java.lang.Integer) | Speed of toggling in milliseconds. Default is 500 |
| style | false | javax.el.ValueExpression  (*must evaluate to*java.lang.String) | Style of the panel. |
| styleClass | false | javax.el.ValueExpression  (*must evaluate to*java.lang.String) | Style class of the panel. |
| collapsed | false | javax.el.ValueExpression  (*must evaluate to*java.lang.Boolean) | Renders a toggleable panel as collapsed. Default is false. |
| closable | false | javax.el.ValueExpression  (*must evaluate to*java.lang.Boolean) | Make panel closable. Default is false. |
| closeSpeed | false | javax.el.ValueExpression  (*must evaluate to*java.lang.Integer) | Speed of closing effect in milliseconds. Default is 500. |
| visible | false | javax.el.ValueExpression  (*must evaluate to*java.lang.Boolean) | Renders panel as hidden. Default is true. |
| closeTitle | false | javax.el.ValueExpression  (*must evaluate to*java.lang.String) | Title label for closer element of closable panel. |
| toggleTitle | false | javax.el.ValueExpression  (*must evaluate to*java.lang.String) | Title attribute for toggler element of toggleable panel. |
| menuTitle | false | javax.el.ValueExpression  (*must evaluate to*java.lang.String) | Title attribute for menu element on panel header. |
| toggleOrientation |  |  |  |

PanelGrid : PanelGrid is an extension to the standard panelGrid with theme integration, grouping and responsive features.

AccordionPanel : AccordionPanel is a container component with vertically stacked panels.

ScrollPanel : ScrollPanel is used to display overflowed content with cross-browser theme aware scrollbars instead of browser scrollbars.

TabView : TabView is a tabbed panel component.

Toolbar : Toolbar is a grouping component for buttons and other content.

Panel

Panel is a grouping component with a header, content and footer.

OutputLabel

OutputLabel is an extension to standard outputLabel component. Extended features are;

OutputLabel sets its value as the label of the target component to be displayed in validation errors so that target component does not need to define label attribute again.

Support for components with non-trivial markup like spinner, autocomplete, calendar and so on which are not supported by standard outputLabel.

Theme aware error styling when associated component is not valid.

Required field indicator.

AccordionPanel

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DataGrid

DataGrid displays data in a grid layout. Responsive mode is provided to optimize the display for different screen sizes.

GraphicImage

GraphicImage is capable of presenting images that are created programatically at runtime or images stored in a database.

Dashboard

Dashboard is a layout component featuring dragdrop based content reordering similar to portal environments.

Layout - Element

\* Deprecated

Layouts can also be created at element level. Example below is a simple split panel implementation.