**Ajax Attributes**

The following table contains Ajax attributes.

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Default value** | **Return type** | **Description** |
| listener | null | MethodExpr | It is used to process in partial request. |
| Immediate | false | boolean | It returns a boolean value that determines the phaseId, when true actions are processed at apply\_request\_values, when false at invoke\_application phase. |
| async | false | boolean | When set to true, ajax requests are not queued. |
| process | null | String | It is used to process in partial request. |
| update | null | String | It is used to update with ajax. |
| onstart | null | String | It is used to execute before ajax request is begins. |
| oncomplete | null | String | It is used to execute when ajax request is completed. |
| onsuccess | null | String | It is used to execute when ajax request succeeds. |
| delay | null | String | It is used to set time to delay. If less than delay milliseconds elapses between calls to request() only the most recent one is sent and all other requests are discarded. If this option is not specified, or if the value of delay is the literal string 'none' without the quotes, no delay is used. |
| partialSubmit | false | boolean | Enables serialization of values belonging to the partially processed components only. |
| partialSubmitFilter | null | String | Selector to use when partial submit is on, default is ":input" to select all descendant inputs of a partially processed components. |
| event | null | String | Client side event to trigger ajax request. |

## AutoComplete Attributes

The following table contains attributes for the AutoComplete attribute.

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Default value** | **Return type** | **Description** |
| id | null | String | It is an unique identifier of the component. |
| rendered | true | Boolean | It returns boolean value to specify the rendering of the component. |
| binding | null | Object | It is used for an el expression that maps to a server side UIComponent instance in a backing bean. |
| value | null | Object | It is a value of the component that can be either an EL expression of a literal text. |
| converter | null | Object | An el expression or a literal text that defines a converter for the component. |
| immediate | false | Boolean | It returns boolean when set true, process validations logic is executed at apply request values phase for this component. |
| required | false | Boolean | It is used to marks component as required. |
| RequiredMessage | null | String | It is used to set message to be displayed when required field validation fails. |
| dropdown | false | Boolean | It enables dropdown mode when set true. |
| accesskey | null | String | It is used to set access key that when pressed transfers focus to the input element. |
| autocomplete | null | String | It executes autocomplete behavior. |
| Lang | null | String | It is used to set language used in the generated markup for this component. |
| onclick | null | String | Client side callback to execute when input element is clicked. |
| active | true | Boolean | Defines if autocomplete functionality is enabled. |

## InputTextarea Attributes

The following table contains attributes for the InputTextarea component.

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Default value** | **Return type** | **Description** |
| id | null | String | It is an unique identifier of the component. |
| rendered | true | Boolean | It renders boolean value to specify the rendering of the component. |
| binding | null | Object | It is used to set an el expression that maps to a server side UIComponent instance in a backing bean. |
| value | null | Object | It is used to hold value of the component. |
| converter | null | Converter/String | An el expression or a literal text that defines a converter for the component. |
| immediate | false | Boolean | It is used to set boolean value. |
| required | false | Boolean | It is used to make a component required. |
| validator | null | Method Expr | It is a method binding expression that refers to a method validation. |
| valueChangeListener | null | Method Expr | It is a method binding expression that refers to a method for handling a value change event. |
| requiredMessage | null | String | It is used to set message to be displayed when required field validation fails. |
| converterMessage | null | String | It is used to set message to be displayed when conversion fails. |
| validatorMessage | null | String | It is used to set message to be displayed when validation fields. |
| autocomplete | null | String | It is used to set autocomplete behavior. |
| size | null | Integer | It is used to set number of characters that determine the width of the input element. |
| style | null | String | It is used to set in line CSS for the input element. |
| autoResize | true | Boolean | It is used to set autoResize true or false. |

# PrimeFaces SelectBooleanButton

The **<p:selectBooleanButton>** is used to create BooleanButton in JSF application. We can use it to get boolean input from the user. It provides a toggle button to interact with user.

## SelectBooleanButton Attributes

The following table contains attributes for the InputTextarea component.

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Default value** | **Return type** | **Description** |
| id | null | String | It is an unique identifier of the component. |
| rendered | true | Boolean | It returns boolean value to specify the rendering of the component. |
| binding | null | Object | It is used to set an expression that maps to a server side UIComponent instance in a backing bean. |
| value | null | Object | It holds value of the component referring to a List. |
| converter | null | Converter/String | It is used to set an expression or a literal text that defines a converter for the component. |
| immediate | false | Boolean | It is used to set boolean value. If value is true, process validations logic is executed at apply request values phase for this component. |
| required | false | Boolean | It is used to make component as required. |
| requiredMessage | null | String | It is used to set message to be displayed when required field validation fails. |
| onchange | null | String | It is used to call a method on value change. |
| style | null | String | It is used to set Inline style of the component. |
| onIcon | null | String | It is used to set icon to display when button is selected. |
| offIcon | null | String | It is used to set icon to display when button is unselected. |
| onfocus | null | String | It executes when button receives focus. |
| onblur | null | String | It executes when button loses focus. |

# PrimeFaces SelectBooleanCheckbox

PrimeFaces provides **<p:selectBooleanCheckbox>** component to create boolean checkbox. It is used to get a boolean value from the user. It is an extended version of the standard checkbox with theme integration.

## SelectBooleanCheckbox Attributes

The following table contains attributes for the SelectBooleanCheckbox component.

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Default value** | **Return type** | **Description** |
| id | null | String | It is an unique identifier of the component. |
| rendered | true | Boolean | It is used to render component. It takes boolean value. |
| binding | null | Object | It is used to set an expression that maps to a server side UIComponent instance in a backing bean |
| value | null | Object | It is used to set value of the component referring to a List. |
| converter | null | Converter/String | It is used to set text that defines a converter for the component. |
| required | false | Boolean | It is used to make component as required. |
| widgetVar | null | String | It is a name of the client side widget. |
| disabled | false | Boolean | It is used to disable the component. |
| label | null | String | It is used to set user presentable name. |
| onchange | null | String | It is used to call script on value change. |
| style | null | String | It is used to set CSS of the component. |
| styleClass | null | String | It is used to set style class of the container. |
| itemLabel | null | String | It is used to set label displayed next to checkbox. |
| tabindex | null | String | It is used to specify tab order for tab key navigation. |
| onfocus | null | String | It is used to execute script when checkbox receives focus. |
| onblur | null | String | It is used to execute script when checkbox loses focus. |
| title | null | String | It is used to set tooltip information. |

## SelectBooleanCheckbox Skinning Attributes

|  |  |
| --- | --- |
| **Style Class** | **Applies** |
| .ui-chkbox | It is a main container element. |
| .ui-chkbox-box | It is a container of checkbox icon. |
| .ui-chkbox-icon | It is used for checkbox icon. |

# PrimeFaces Calender

It is an input component which is used to select date. The **<p:calendar>** component is used to create a calendar in JSF application. It includes various features like: display modes, paging, localization, ajax selection etc.

Value of the calendar should be a **java.util.Date.**

## Calendar Attributes

The following table contains attributes for the Calendar component.

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Default value** | **Return type** | **Description** |
| id | null | String | It is an unique identifier of the component. |
| rendered | true | Boolean | It takes boolean value to specify the rendering of the component. |
| value | null | java.util.Date | It is used to set value of the component. |
| converter | null | Converter/String | It takes an expression or a literal text that defines a converter for the component. |
| required | false | Boolean | It is used to make component as required. |
| mindate | false | Date or String | It is used to set calendar's minimum visible date. |
| maxdate | null | Date or String | It is used to set calendar's maximum visible date. |
| pages | 1 | Integer | It enables multiple page rendering. |
| mode | popup | String | It is used to define how the calendar will be displayed. |
| pattern | MM/dd/yyyy | String | It is used to set DateFormat pattern for localization. |
| timeZone | null | Time Zone | It is used to specify the timezone used for date conversion. |
| showWeek | false | Boolean | It is used to display the week number next to each week. |
| disabledWeekends | false | Boolean | It disables weekend columns. |
| showOtherMonths | false | Boolean | It displays days belonging to other months. |
| selectOtherMonths | false | Boolean | It enables selection of days belonging to other months. |
| yearRange | null | String | It is used to set year range. |
| timeOnly | false | Boolean | It shows only timepicker without date. |

## Skinning

The following table contains structural style classes.

|  |  |
| --- | --- |
| **Style Class** | **Applies** |
| .ui-datepicker | It is used for main container. |
| .ui-datepicker-header | It is used for header container. |
| .ui-datepicker-prev | It is used for previous month navigator. |
| .ui-datepicker-next | It is used for next month navigator. |
| .ui-datepicker-title | It is used for title. |
| .ui-datepicker-month | It is used for month display. |
| .ui-datepicker-table | It is used for date table. |
| .ui-datepicker-week-end | This class is used for label of weekends. |
| .ui-datepicker-other-month | Class for dates belonging to other months. |
| .ui-datepicker td | It is used for each cell date. |
| .ui-datepicker-buttonpane | This is button panel class. |
| .ui-datepicker-current | This class is used for today button. |
| .ui-datepicker-close | It is used to display close button. |