JavaServer Faces technology offers the concept of composite components with Facelets. A composite component is a special type of template that acts as a component.

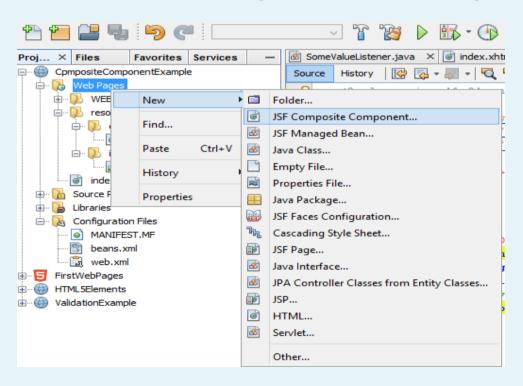
- A composite component consists of a collection of markup tags and other existing components.
- This reusable, user-created component has a customized, defined functionality and can have validators, converters, and listeners attached to it like any other component.

- With Facelets, any XHTML page that contains markup tags and other components can be converted into a composite component.
- Using the resources facility, the composite component can be stored in a library that is available to the application from the defined resources location.

Tag	Description
composite:interface	Declares the usage contract for a composite component. The composite component can be used as a single component whose feature set is the union of the features declared in the usage contract.
composite:implementation	Defines the implementation of the composite component. If a composite:interface element appears, there must be a corresponding composite:implementation.
composite:attribute	Declares an attribute that may be given to an instance of the composite component in which this tag is declared.
composite:insertChildren	Any child components or template text within the composite component tag in the using page will be reparented into the composite component at the point indicated by this tag's placement within the composite:implementation section.
composite:valueHolder	Declares that the composite component whose contract is declared by the composite:interface in which this element is nested exposes an implementation of ValueHolder suitable for use as the target of attached objects in the using page.
composite:editableValueHolder	Declares that the composite component whose contract is declared by the composite:interface in which this element is nested exposes an implementation of EditableValueHolder suitable for use as the target of attached objects in the using page.
composite:actionSource	Declares that the composite component whose contract is declared by the composite:interface in which this element is nested exposes an implementation of ActionSource2 suitable for use as the target of attached objects in the using page.

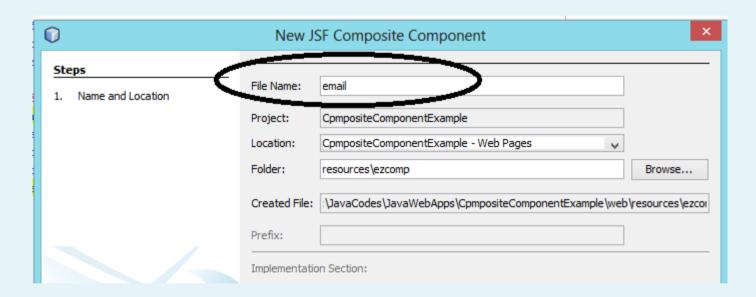
Creating an Composite Component

- In project tree right click over Web Pages.
- Select New->JSF Composite Component...



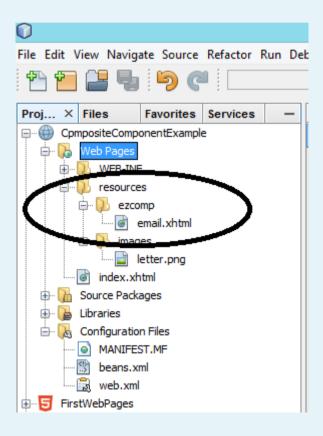
Creating an Composite Component

 Give name for your component and press Finsih



Creating an Composite Component

Your project tree should be now as follow



Example Implementation

Using Component



Enter your email: Enter your email