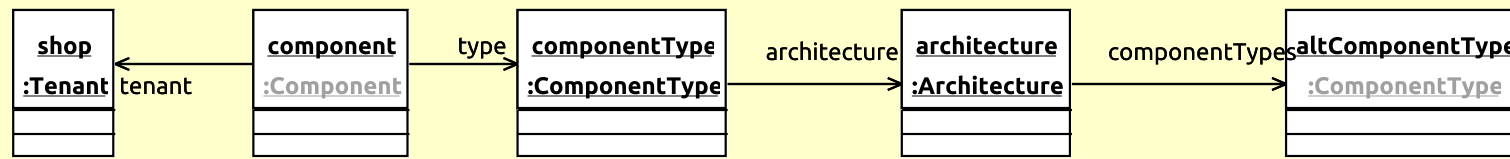


Alternative components are of different types, however the alternative type provides at least the same interface types as the currently used type.

in component:Component
in altComponentType:ComponentType

Find alternative component type

[altComponentType.providedInterfaceTypes->includesAll(componentType.providedInterfaceTypes->asSet())]
[componentType <> altComponentType]



[failure]

Heavy-weight redeploy the component

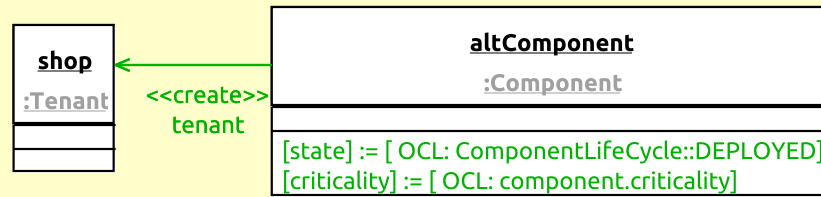
[Activity Call Action _9gGNIBg8Eeas5O4vKYohg]

[success]

Instantiate alternative component of type altComponentType

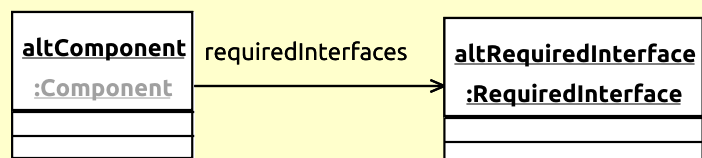
[Variable Declaration Action altComponent]

Deploy the alternative component in the appropriate shop



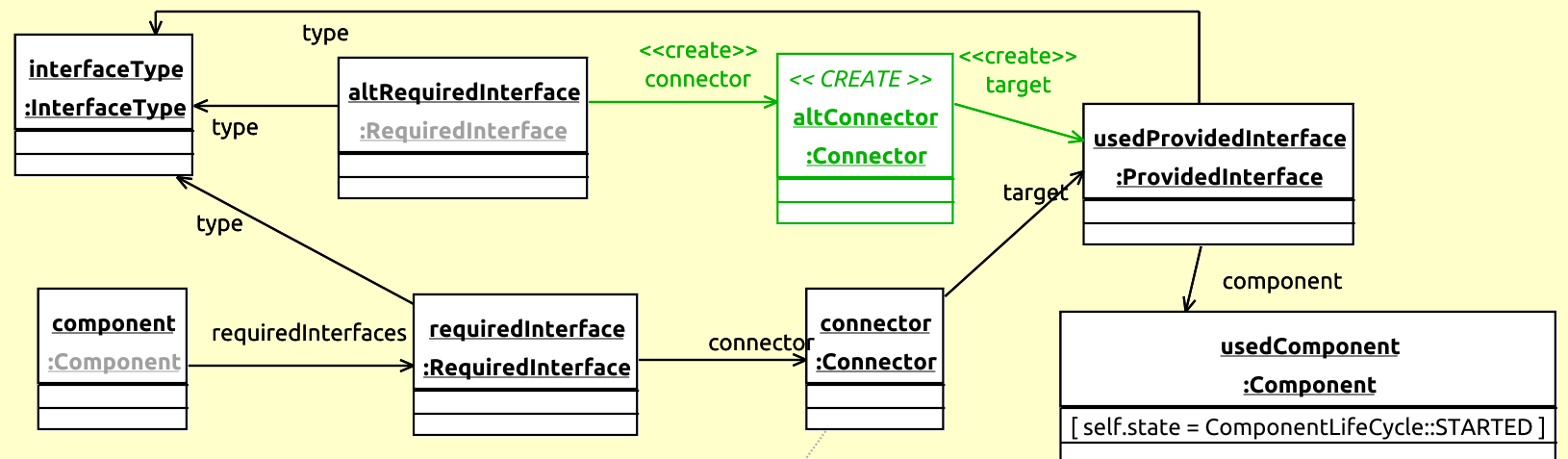
We assume that the currently used and the alternative component require (provide) both the same types of interfaces. Thus, we may use the configuration of the currently used component for the alternative component.

For all required interfaces of the alternative component



[for each]

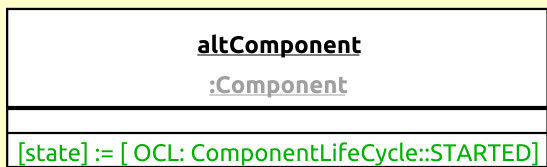
Connect required interfaces of the alternative component siliarly to the old component



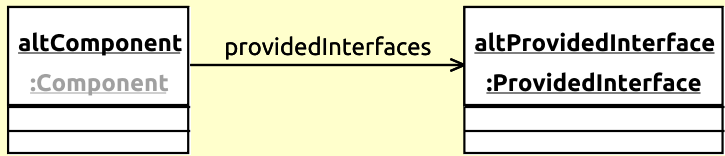
connector:Connector is removed when removing the component.
Component contains the connector via required interfaces.

[end]

Start the alternative component

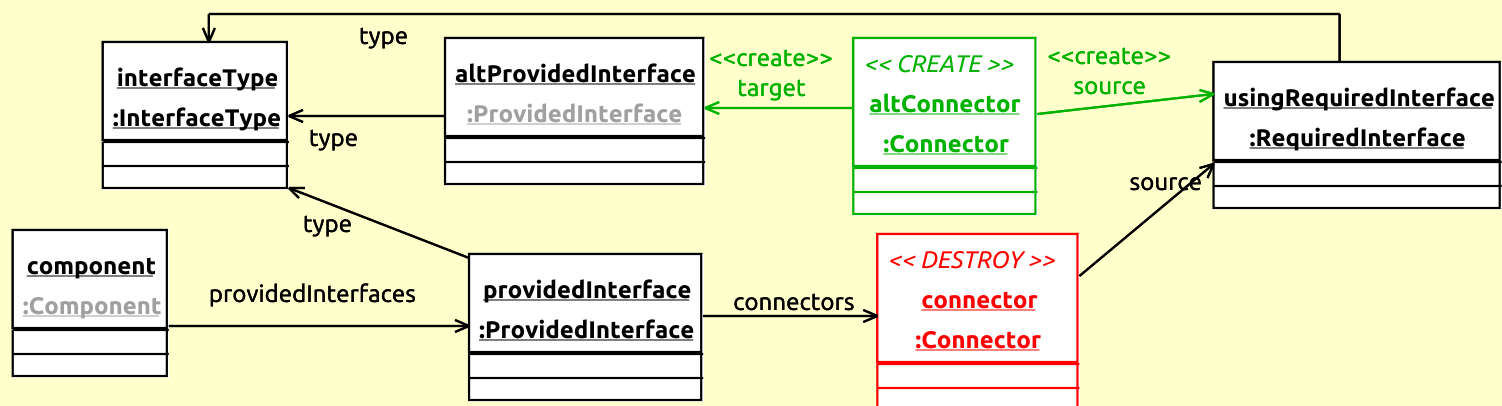


For all provided interfaces of the alternative component



[for each]

Reroute required interfaces of other components to the provided interfaces of the alternative component



[end]

[end]

Remove the old component

[Activity Call Action _3YvaGxhMEeaKAMVq-_H_Mw]

[for each]