

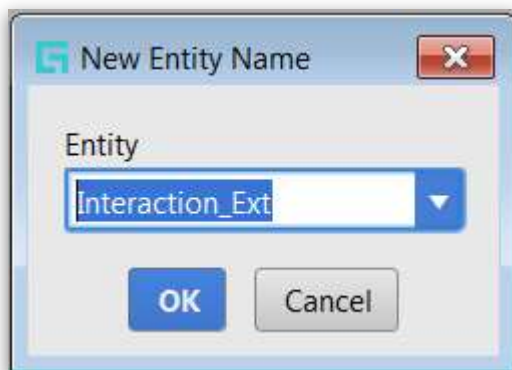
## 11.3 Lab Solution: Create and reference an Entity Name



### Solution

Exact details on how to complete the lab.

1. Create the new Interaction\_Ext entity name in the ...\\configuration\\config\\Entity Names folder



2. Create the variables in the variable table

Interaction_Ext.en				
+ -				
Name	Entity Path	Sort Path	Sort Order	Use Entity Name?
interactionDate	Interaction_Ext.InteractionDate			<input type="checkbox"/>
channel	Interaction_Ext.Channel			<input type="checkbox"/>

3. Create the Default name

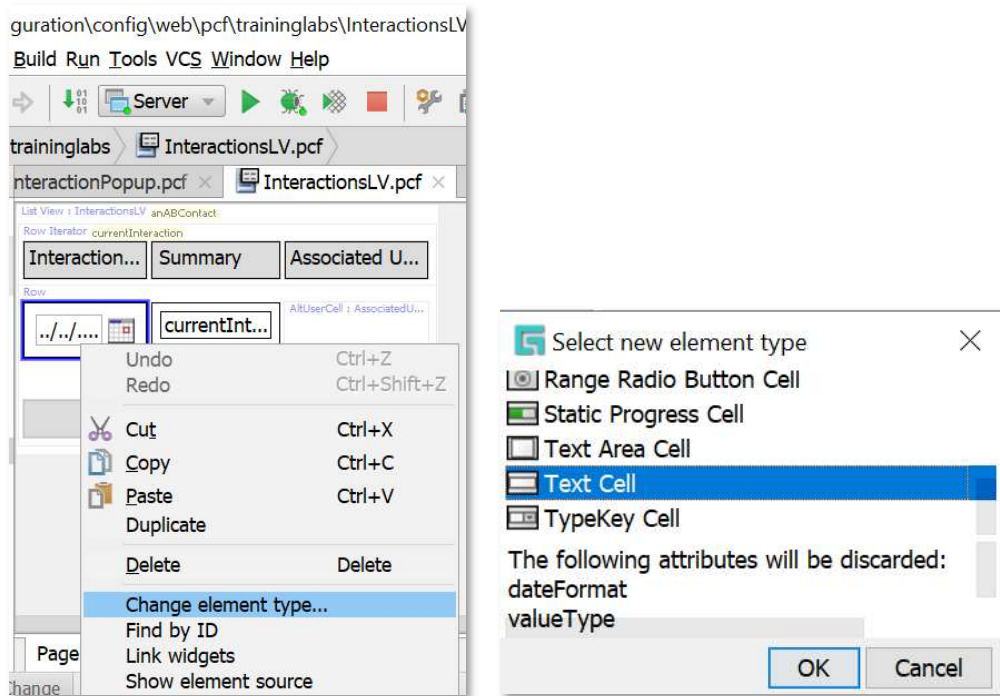
```
uses gw.api.util.DateUtil

var name = ""

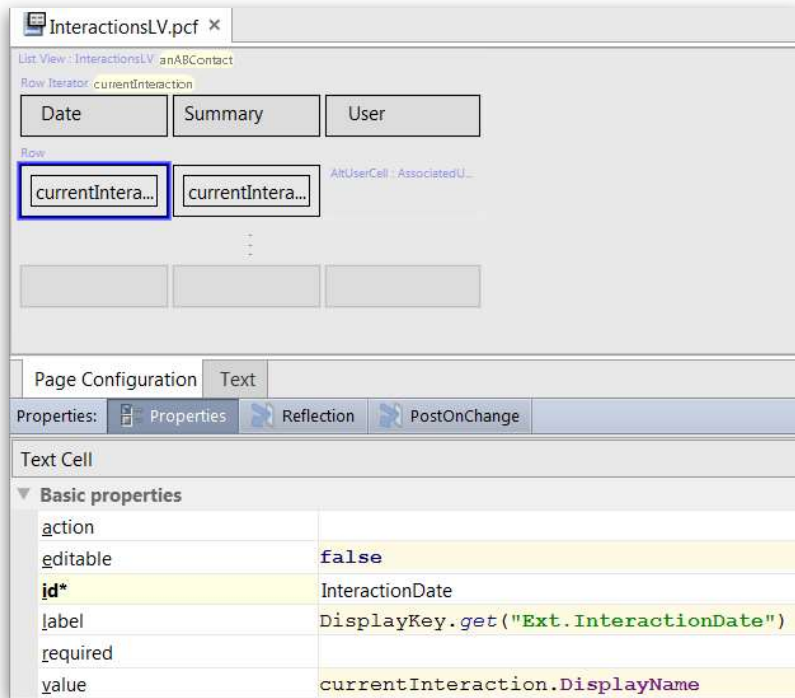
if (interactionDate == null) {
    name = "(No Date) : " + channel.DisplayName
} else {
    var numberDays = DateUtil.currentDate().differenceInDays(interactionDate)
    if (numberDays > 1) {
        name = "(" + numberDays + " days in the future) " + interactionDate + " : " +
channel.DisplayName
    } else {
        name = interactionDate + " : " + channel.DisplayName
    }
}
```

```
}  
  
return name
```

4. **Modify the InteractionsLV.pcf** – Since the Interaction Date field will now display the entity name, we'll change the InteractionDate element type from Date Cell to Text Cell.



5. Configure the editable and value properties.



6. Stop and restart the server to check your work.