

Summary

Contact Analysis

ContactTier	<none>
CustomerRating	25
Is Strategic Partner	No
Last Courtesy Contact	10/22/2018
Next Courtesy Contact	04/22/2019
Fraud Investigations	
WebAddress	

Summary

Contact Analysis

ContactTier	<none>
CustomerRating	35
Is Strategic Partner	Yes
Last Courtesy Contact	10/22/2018
Next Courtesy Contact	04/22/2019
Fraud Investigations	
WebAddress	

Summary

Contact Analysis

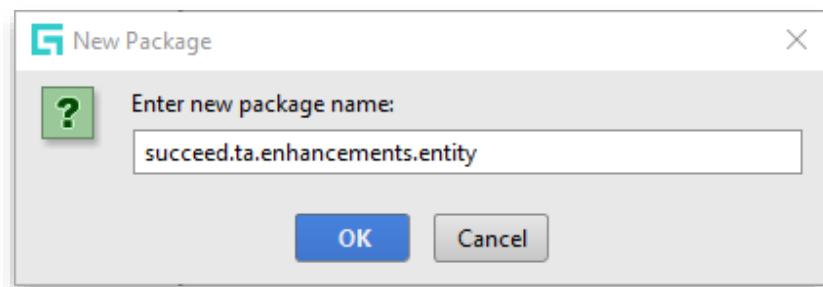
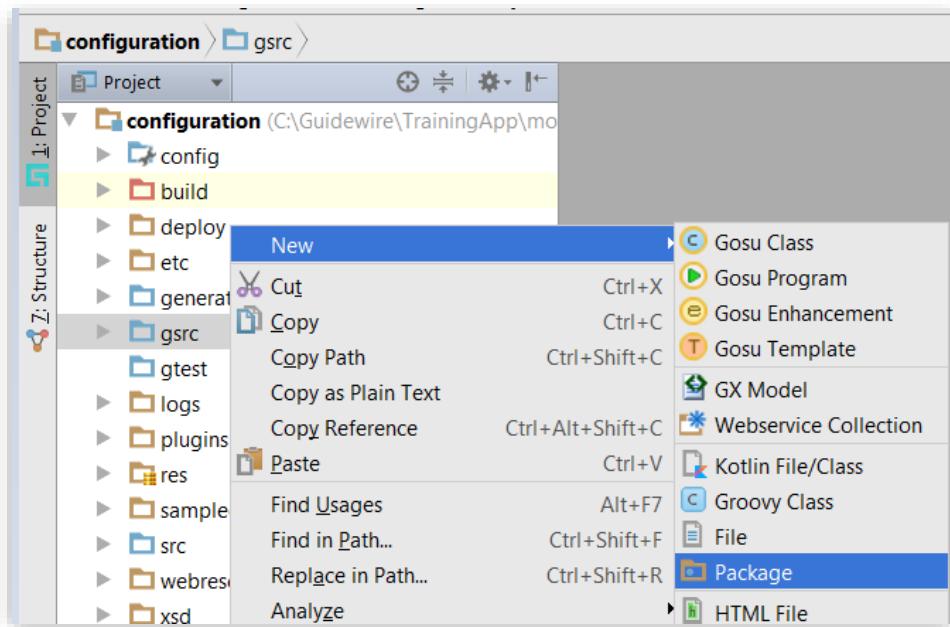
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10.3 Lab Solution: Create a new enhancement

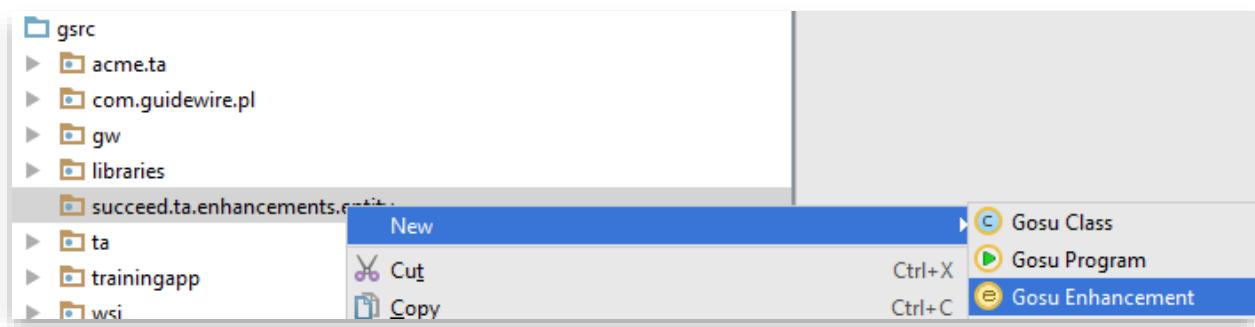


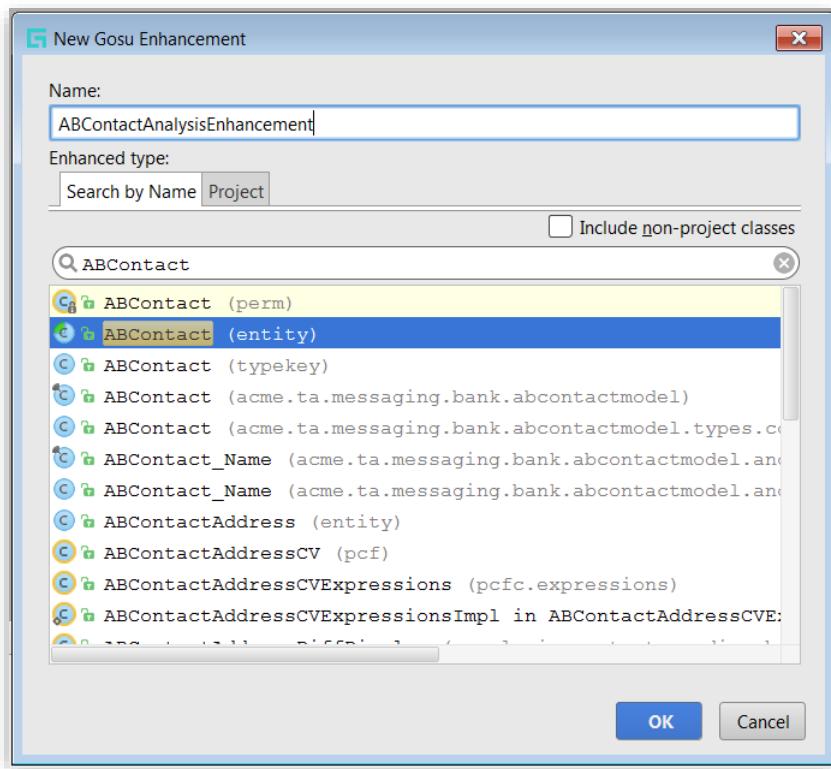
1. In Guidewire Studio, create the package and the enhancement

- In Guidewire Studio, create a package called `succeed.ta.enhancements.entity`



- b) Create an enhancement for the ABContact entity that conveys that this enhancement relates to analysis.





2. Create a getter property named **NextCourtesyContact()**

- a) Create a getter property named `NextCourtesyContact()` that returns a date that is six (6) months in the future of the Last Courtesy Contact date. If Last Courtesy Contact date is null, then the property must return null.

```
property get NextCourtesyContact() : Date {
    var nextCourtesyDate : Date = null

    if(this.LastCourtesyContact_Ext != null) {
        nextCourtesyDate = this.LastCourtesyContact_Ext.addMonths(6)
    }

    return nextCourtesyDate
}
```

3. Create a method named **upgradeToStrategicPartner()**

- a) Create a method named `upgradeToStrategicPartner()` that, for a given contact, does the following:

- Sets the `IsStrategicPartner_Ext` field to true.
- If the value of the `CustomerRating_Ext` field is null, sets the value to 25.
- If the value of the `CustomerRating_Ext` field is between 0 and 989.9, increments that value by 10.
- If the value of the `CustomerRating_Ext` field is more than 989.9, sets the value to 999.9.

```

function upgradeToStrategicPartner() : void {
    if (this.IsStrategicPartner_Ext != true) {
        this.IsStrategicPartner_Ext = true
    }

    if (this.CustomerRating_Ext == null) {
        this.CustomerRating_Ext = 25
    } else if (this.CustomerRating_Ext >= 0 and this.CustomerRating_Ext <= 989.9) {
        this.CustomerRating_Ext += 10
    } else {
        this.CustomerRating_Ext = 999.9
    }
}

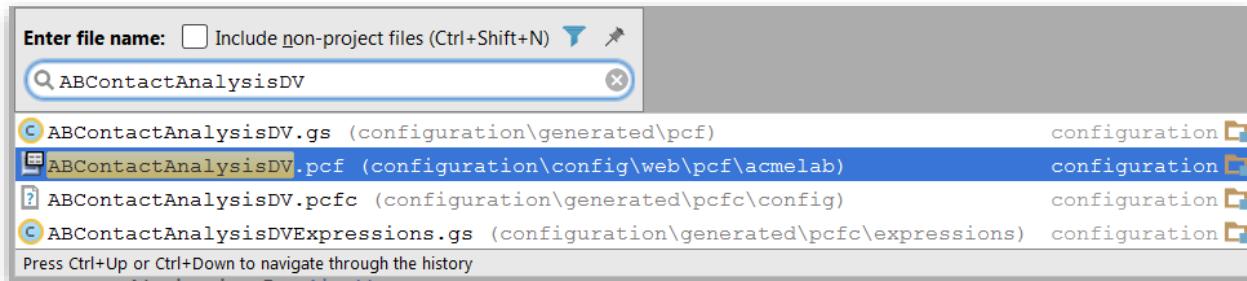
```

10.3.1 Modify the PCF configuration



1. Modify ABContactAnalysisDV

- a) In Studio, open ABContactAnalysisDV.pcf. Use CTRL + SHIFT + N shortcut in Studio to search for the PCF file:



- b) Modify the Strategic Partner widget to be read-only.

ABContactAnalysisDV.pcf

Detail View : ABContactAnalysisDV anABContact

Contact Analysis

Contact Tier anABContact.ContactTier

Customer Rating anABContact.CustomerRati...

Strategic Partner Yes No

Page Configuration Text

Properties: Properties Layout config Reflection PostOnChange

Boolean Radio Button Input

Basic properties

editable	false
falseLabel	
id*	IsStrategicPartner
label	DisplayKey.get("Ext.IsStrategicPartner")
required	
trueLabel	
value*	anABContact.IsStrategicPartner_Ext

- c) Add the appropriate read-only input widget below Last Courtesy Contact.
- d) Create a displaykey for the widget's label property that reads Next Courtesy Contact.
- e) Configure the widget to display the enhancement property value.

ABContactAnalysisDV.pcf

Detail View : ABContactAnalysisDV anABContact

Input Column

Contact Tier	anABContact.ContactTier
Customer Rating	anABContact.CustomerRati...
Strategic Partner	<input type="radio"/> Yes <input type="radio"/> No
Last Courtesy Contact	././....
Next Courtesy Contact	././....

Page Configuration **Text**

Properties: **Properties** **Layout config** **Reflection** **PostOnChange**

Date Input

Basic properties

<u>dateFormat</u>	<none selected>
<u>editable</u>	false
id*	NextCourtesyContact
<u>label</u>	DisplayKey.get("Ext.NextCourtesyContact")
<u>required</u>	
<u>timeFormat</u>	<none selected>
value*	anABContact.NextCourtesyContact

2. Modify ABContactAnalysisPage

- In Studio, open ABContactAnalysisPage.pcf.
- In the existing toolbar, add a toolbar button.
- Create a displaykey for the button's label property that reads Upgrade to Strategic Partner.
- Configure the toolbar button so that it calls the upgradeToStrategicPartner() method when clicked.
- Configure the button so that it is only clickable when the contact is not a strategic partner and when the page is in edit mode.

ABContactAnalysisPage.pcf

Page : ABContactAnalysisPage anABContact

Tab Bar : TabBar

Search Contact Administration Unsaved Work International Example List About Preferences Clear Layout Preferences Log Out

Info Bar : ABContactInfoBar anABContact

[label]: value [label]: value [label]: value [label]: value type.Display Name::anABCOr

Actions [ABContactLGMenuActions]

Screen Toolbar

Menu Links : ABContactLG

Menu Item

Summary

Edit Update Cancel Upgrade to Strategic Partner

Panel Ref

Page Configuration Text

Properties Properties

Toolbar Button

Basic properties

- action anABContact.upgradeToStrategicPartner()
- id*** UpgradeToStrategicPartner
- label DisplayKey.get("Ext.UpgradeToStrategicPartner")

Advanced properties

- available CurrentLocation.InEditMode and anABContact.IsStrategicPartner_Ext != true