

The image shows three overlapping screenshots of a 'Summary' form, specifically the 'Analysis' tab. Red arrows indicate the sequence of changes being made to the form:

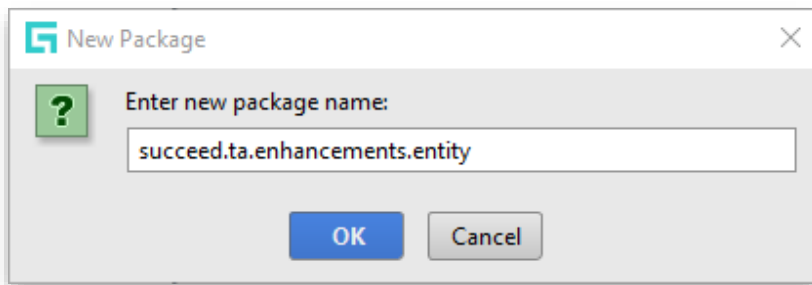
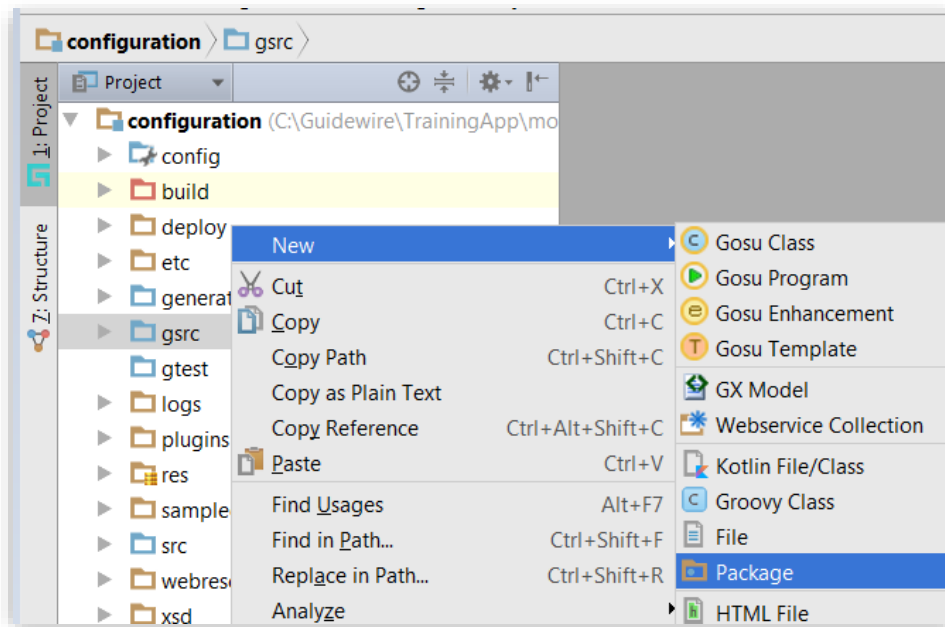
- Top Screenshot:** Shows the initial state. The 'Is Strategic Partner' field is set to 'No'. The 'Upgrade to Strategic Partner' button is visible.
- Middle Screenshot:** The 'CustomerRating' field has been changed from 25 to 35.
- Bottom Screenshot:** The 'Is Strategic Partner' field has been changed from 'No' to 'Yes'.

10.3 Lab Solution: Create a new enhancement

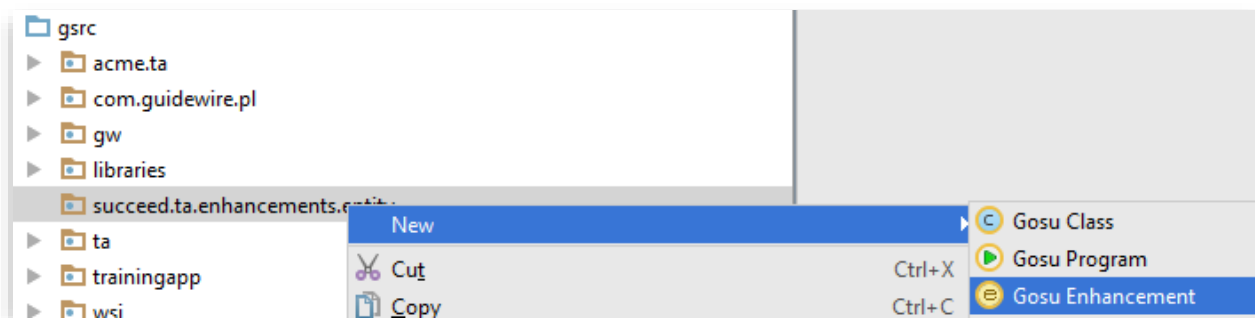


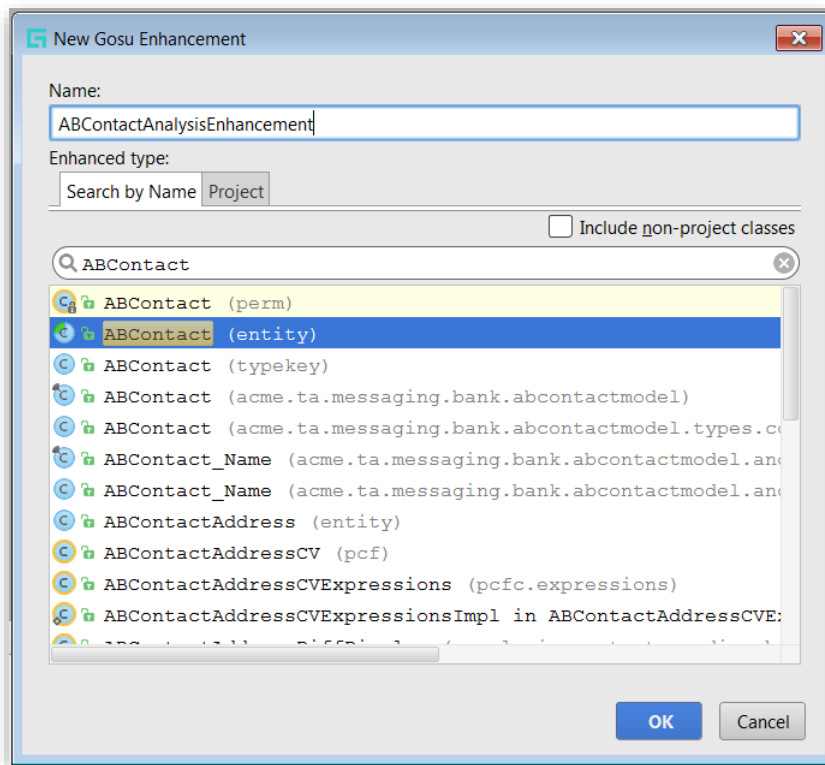
Solution

1. In Guidewire Studio, create the package and the enhancement
 - a) 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
    }
}
```

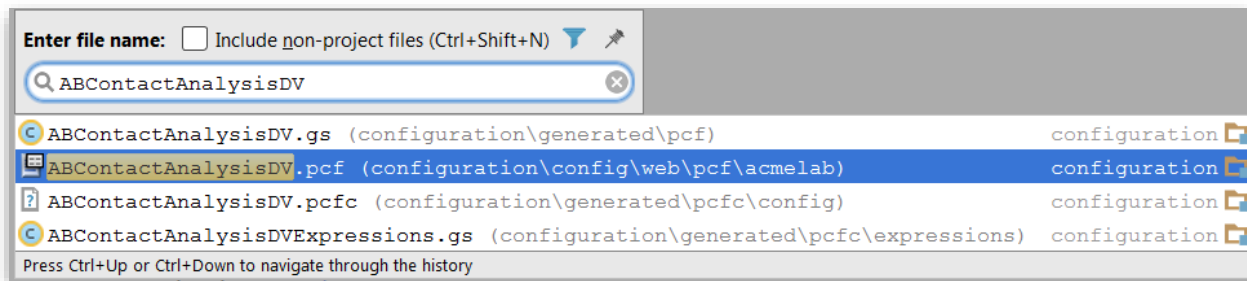
10.3.1 Modify the PCF configuration



Solution

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 x

Detail View : ABContactAnalysisDV anABContact

Input Column

Contact Analysis

Contact Tier

Customer Rating

Strategic Partner ☐ Yes ☐ No

Page Configuration Text

Properties:

Boolean Radio Button Input

▼ Basic properties

editable	<input checked="" type="checkbox"/> false	✓
falseLabel		✓
id*	IsStrategicPartner	
label	DisplayKey.get("Ext.IsStrategicPartner")	✓
required		✓
trueLabel		✓
value*	anABContact.IsStrategicPartner_Ext	✓

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

ABContactAnalysisDV.pcf x

Detail View : ABContactAnalysisDV anABContact

Input Column

Contact Tier

Customer Rating

Strategic Partner ☐ Yes ☐ No

Last Courtesy Contact

Next Courtesy Contact

Page Configuration Text

Properties: Properties Layout config Reflection PostOnChange

Date Input

▼ Basic properties

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

SearchContactAdministrationUnsaved WorkInternationalExample ListAboutPreferencesClear Layout PreferencesLog Out

Info Bar: ABContactInfoBar anABContact

[label]: value [label]: value [label]: value [label]: value type.DisplayName\::anABCor

Actions

[ABContactLGMenuActions]

Menu Links: ABContactLG

Menu Item

Summary

Screen

Toolbar

EditUpdateCancelUpgrade to Strategic Partner

Panel Ref

Page ConfigurationText

Properties Properties

Toolbar Button

Basic properties

actionanABContact.upgradeToStrategicPartner ()

id*UpgradeToStrategicPartner

labelDisplayKey.get ("Ext.UpgradeToStrategicPartner")

Advanced properties

availableCurrentLocation.InEditMode and anABContact.IsStrategicPartner_Ext != true