

# Zuora for Salesforce ZDK Sample Code Package

Zuora for Salesforce ZDK Sample Code Package contains a set of reference implementations of a set of ZDK components.

- [Lookup Component](#)
- [Quote Wizard](#)
- [SelectProduct Component](#)
- [QuotePreview Component](#)
- [Custom Tiers Global Methods](#)

Please refer to [Zuora Knowledge Center](#) for a complete documentation of ZDK components and their usage.

## Property Component

The PropertyComponent sample code demonstrates the following functionality of the property component:

- Property component options
- Integration with the lookup component
- The use of PopulateDefaultFieldValuePlugin
- The use of PopulateRelatedObjectFieldPlugin
- Displaying and editing custom fields in the property component

Please refer to the following Apex class and VisualForce pages:

| Type             | Sample Code                            |
|------------------|--|
| Apex Class       | PropertyComponentSampleController      |
| VisualForce Page | PropertyComponentSample                |
| Custom Field     | zqu__Quote__c.Custom_Picklist_Field__c |
|                  | zqu__Quote__c.Custom_Text_Field__c     |

To see the sample code at work, you can navigate to /apex/PropertyComponentSample, as seen in the following snapshot:

Property Component Sample
Save Cancel

Quote Details

Quote Name
Opportunity
Grand Hotels Emergency Generators

Account Name
Grand Hotels & Resorts Ltd
Valid Until
[ 11/14/2013 ]

Quote Template

Customer Account Details

Sold to Contact
Bill to Contact

Payment Method
Credit Card
Invoice Delivery Method
--None--

Payment Term
--None--
Invoice Owner

Zuora Parent Billing Account Name
Currency
--None--

Subscription Terms

Start Date
[ 11/14/2013 ]

Subscription Term Type
Termed

Initial Term

Renewal Term

Auto Renew
☐

Generate Invoice
☐

Invoice Processing Option
--None--

Special Terms and Notes

Save Cancel

## Lookup Component

The LookupComponent sample code demonstrates the following functionality of the lookup component:

- Embedding LookupComponent in a page
- Customize the SOQL backing the lookup component, including custom filtering.

Please refer to the following Apex class and VisualForce pages:

| Type             | Sample Code  |
|------------------|--|
| Apex Class       | LookupComponentSampleController<br>LookupComponentSamplePageController |
| VisualForce Page | LookupComponentSample  |

To see the sample code at work, you can navigate to `/apex/LookupComponentSample`, as seen in the following snapshot:

## Lookup Component Sample

Contact(LookupComponent)



## Quote Wizard

The Quote Wizard sample code demonstrates how to develop a custom page using `zqu__QuoteWizardTemplate` that can be embedded in the Quote Wizard.

Please refer to the following Apex class and VisualForce pages:

| Type             | Sample Code               |
|------------------|---------------------------|
| Apex Class       | CustomQuoteWizardStep     |
| VisualForce Page | CustomQuoteWizardStepPage |

To see the sample code at work, you can follow the steps below to set up the custom quote wizard step as the 3rd step in the quote wizard:

- Navigate to Zuora Config > Quote Wizard Settings
- Click "Edit"
- Set "VisualForce Page" as "CustomQuoteWizardStep" and click "Save".

Now create a new quote. On the 3rd step in the quote wizard, you can see that the custom quote wizard step as seen in the screenshot below:

## SelectProduct Component

The sample code of SelectProduct component demonstrate the following component functionality:

- Component options
- The use of `SelectProductComponentOptions.IFilterPlugin` to create custom product or rate plan filters on the Product Selector page using custom fields
- The use of `QuoteWizardTemplate` to embed the custom product selector page in the Quote Wizard.

The use case demonstrated in the example is: When adding products to a quote with a pre-defined billing frequency, only the rate plans with the matching billing frequency will be displayed.

Please refer to the following Apex and VisualForce pages:

| Type | Sample Code |
|------|-------------|
|------|-------------|

|                  |   |
|------------------|---|
| Apex Class       | CustomProductFilter<br>CustomProductSelectorController<br>SelectProductSampleController |
| VisualForce Page | CustomSelectProducts<br>SelectProductSample   |
| Custom Field     | zqu__ProductRatePlan__c.BillingFrequency__c<br>zqu__Quote__c.BillingFrequency__c        |
| Custom Button    | zqu__Quote__c.SelectProductsWithFilter  |

To see the custom product selector at work, please follow the steps below:

1. In Zuora, add a custom field to "Product Rate Plan" object, with API Name "BillingFrequency\_\_c"
2. Create a product "Product A", and product rate plan "Rate Plan A" with "Billing Frequency" custom field as "Annual", and product rate plan "Rate Plan B" with "Billing Frequency" custom field as "Monthly"
3. Synchronize Product Catalog from Zuora to Salesforce
4. Add "Billing Frequency" field to the field set "zqu\_\_Quote\_\_Information" of Quote object.
5. Replace Step 3 of Quote Wizard with VisualForce page "CustomSelectProducts" page.
6. Create a New Subscription quote. Set "Billing Frequency" to "Annual".
7. In the step 3 of the quote wizard, notice that the rate plan selector only displays "Rate Plan A".

## QuotePreview Component

The sample code of QuotePreview component demonstrates the following component functionality:

- Component options
- The use of Create Order plugin
- The use of notification options

Please refer to the following Apex and VisualForce pages:

| Type             | Sample Code              |
|------------------|--------------------------|
| Apex Class       | CustomQuotePreviewSample |
| VisualForce Page | CustomQuotePreviewSample |

## Custom Tiers Global Methods

The sample code of custom tiers global methods demonstrates the following functionality:

- Populate custom tiers to zCharge object
- Update rate plans with custom tiers

Please refer to the following Apex and VisualForce pages:

| Type       | Sample Code       |
|------------|-------------------|
| Apex Class | CustomTiersSample |