

Oracle Integration Cloud Service : Process

Workshop

Chapter 2

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## Demo Attributes

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| **Product(s)** | Oracle Integration Cloud Service (OICS) – 18.1.3 |
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| **Demo Title(s)** | PaaS – Integration & Process |

## Chapter overview

In this workshop, the objective will be to modify a web form associated with the process, and populate it.

Your tasks include:

* Accessing the Form “TravelApprovalForm”
* Populate the form with the new fields
* Add a dynamic rule
* Customize a presentation
* Add a task component to your process

This lab assumes you have logged into OAICS, and created your application (see previous lab). This begins when you have opened your application.

| **S.No.** | **Action** | **Description** | |
| --- | --- | --- | --- |
| Part B: [Process Modelling] Modify and run the travel request application | | | |
| 3.01 | Chapter 3: How to modify a WebForm From **Application Home**  Access the **Form** tab  Click on the “*TravelRequest*” **WebForm** form and open it |  | |
| 3.02 | This is the form building tool which is built-in with the process designer  On the left, you have the **Properties** screen. This is where you will be able to set up the design and parameters of your form  In the middle, you have the **Canvas**. This is where you will organize your form using Drag & Drop  On the right, you have the **Palette** screen. This is where you will take all your components from |  | |
|  | We are going to submit a travel expense request using a web form.  We will now modify this web form.  We will :   * Add a new Drop-down list component to it * Create a Dynamic business rule | | |
| 3.03 | Drag and drop a field of type “Select” (a drop-down list) from the ***Basic Palette*** on the **Canvas o**n top of *“Estimated Cost”*  From the **Properties** screen on the left, change the label to Country, and the label to Country of Destination  After Tab-out, this will automatically update the label of the field on the canvas |  | |
| 3.04 | While still focused on your new field (country of destination), scroll down on the left “Properties” pane until you see Options Source.  Make sure the Static box is toggled, and under “options Names” and “options Values”, enter:  *France France*  *Germany Germany*  *United Kingdom United Kingdom* |  | |
|  | Using the components within the **Palette**, and simple Drag & Drop movement, you will be able to populate an entire form | | |
| 4.01 | Chapter 4: Add Dynamic to your form We will now implement a Business Rule and add dynamic to our form  Please select the “*Estimated Cost*” component on your form |  | |
| 4.02 | Go to the **Properties** pane on the left   * Scroll down and reach the **Event** line * Click the “+” sign to create an event. Select “On Change” * Edit the event by clicking on the pencil   We want our form to hide the validation field when the amount is less than 2000. |  | |
| 4.03 | Click on “**If**” and replicate this picture for the “**If**” condition  Select *Control> Estimated Cost > value*  *Is less than*  *Constant > 2000*  We will then configure the **action** linked to this condition.  Please click on **+Action**  Choose the control name “justification  Select the action to “*Hide*” |  | |
| 4.04 | Save your form |  | |
| 4.05 | You can test your form using the preview feature  The preview button is accessible on the top of your screen | |  |
| 4.06 | When your form is in preview mode, you can simulate the business rules.  Try to enter a value less than 2000, and you should see the Travel Justification field disappear. On the contrary, if the value is greater or equal to 2000, it should still be visible.  Also, change the type of device, and see how your form adapts.  To close the preview and return to the previous screen click the X in the top right hand corner. | |  |
| 4.07 | We are now going to add another *presentation* to our form.  Presentations are a smart way to create variations of a form without having to recreate it from scratch.  In our case, we just want a few fields to remain, and we will also add a message to that form.   * From the form’s properties (Make sure you have not clicked on any fields), scroll down to Presentations * Click the “+” sign to add a new presentation | |  |
| 4.08 | Name your presentation *TravelApproved*  Base it on “*main*” and not “*from scratch*” (which is the default)  Click the **Create** button. | |  |
| 4.09 | On your new form:   * Remove the fields and simply leave First Name, Last Name, and Estimated Cost by highlight and clicking on the  icon * Add a new message by drag and drop on top of First Name – Last Name. (The message widget is at the bottom of the basic palette)   From the Properties of your new message field in General add an appropriate message , then click “*Styling*”, scroll down *to Font Size* and choose *x-large* | |  |
| 4.10 | Your new form should look like this: | |  |
|  | **We have completed this chapter and will now work on our process** | | |
| 5.01 | Chapter 5: Configure a process Please go to the **Process** Tab and open your *“Travel Approval*” process | |  |
| 5.02 | We will now modify our process. Our goal is to add a new task that will appear to the user in order to letthem know that the trip has been approved.  For this, we will add a human task (Green) to the Employee lane | |  |
| 5.03 | From the BPMN palette on the right, please select a “*Submit*” component | |  |
| 5.04 | Drag & drop the “*Submit”* component into the **Employee** SwimLane | |  |
| 5.05 | Click on the arrow that links the blue “Book Travel” Box to the “Completed” circle, pick the tip of it and attach it to your new green user task, instead | |  |
| 5.06 | Following the exact same method, link your new User Task to the “*Completed*” task   * Click on “*User Task*” * Click on the arrow * Link the arrow to the “*Completed* “ Task | |  |
| 5.07 | Select the “User task “Component, and chose its name (by double clicking on the word “user Task” just below the green box. Re-name it to “Travel Approved”  Then, open the properties panel by clicking on the burger menu | |  |
| 5.08 | 1. Add your form to the task (there is only 1) 2. Select the presentation named “Travel Approved”” 3. Add a title to your task by using the expression editor (fx) from the drop down menu and the following expression: "Request Approved for: [" + TravelRequestForm.firstName + " ]" 4. Add a description to your task, whichever you like | |  |
|  | Once done, you can now **Save** your application and **Publish** it. | |  |
|  | **Congratulation.**  You just finished the creation of your first Process application | | |