Custom RAD Extensibility Maintenance Screens Oracle Banking Payments Release 14.%0.0.0 [A Upp[2018]



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2	Approach	.4

1 Preface

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This document is a step by step guide to demonstrate how to make additions to an existing Maintenance screen/function Id.

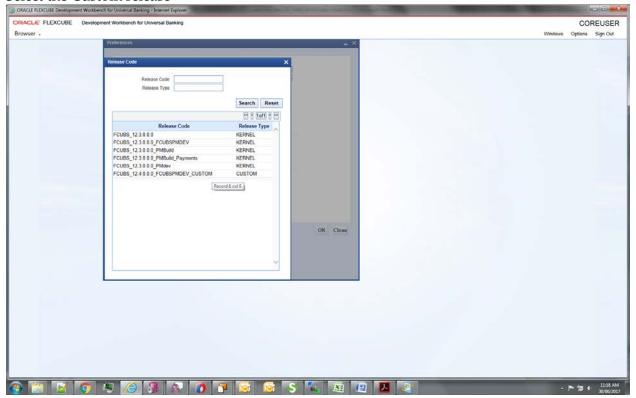
2 Approach

For demo purpose, we will be taking a Maintenance screen: PMDHSTPR (Host Parameters). We will create a demo table, add it to the RAD with 3 fields and then Save/query the record.

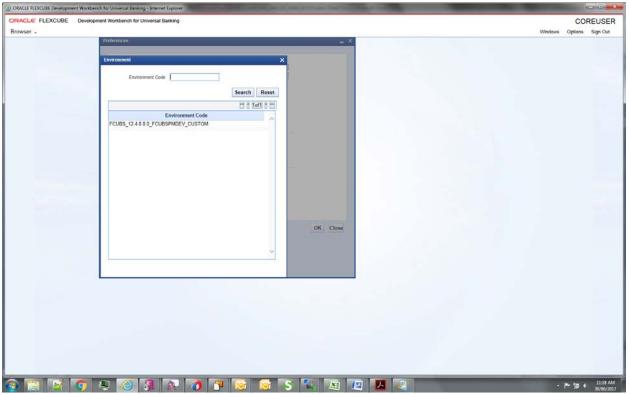
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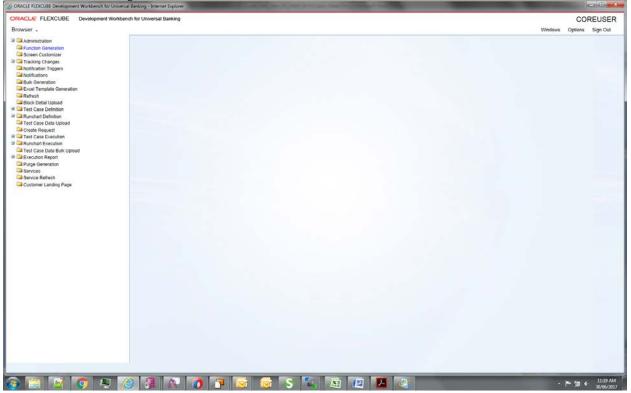
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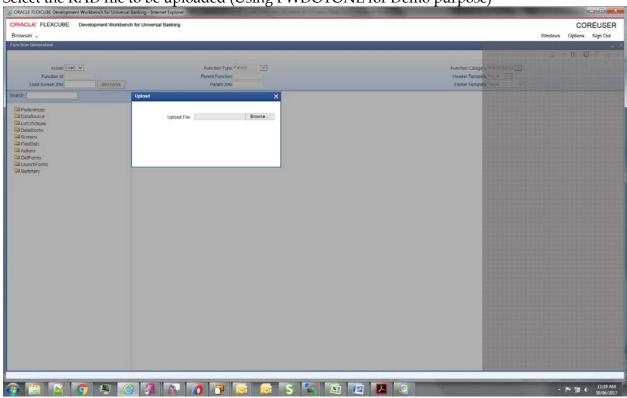


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Select the function generation





Select the RAD file to be uploaded (Using PWDOTONL for Demo purpose)

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Added a new data source in the data source list and added fields for it. New table name CUSTOM_TEST

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Points to note:

- 1. Here Field1 is used only for mapping with parent table. It must be part of Data Block and a fieldset (although it could be made invisible, but it has to be present in one of the fieldsets).
- 2. Relationship given:

```
STTMS_HOST_PARAM.HOST_CODE=CUSTOM_TEST.FIELD1
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Added new Data Block- CUSTOM_TEST and then added three fields to it- Field1 (PK field, and to be used for entity/table mapping), Field2 and Field3. Make sure the PK is mentioned in Block PK fields.

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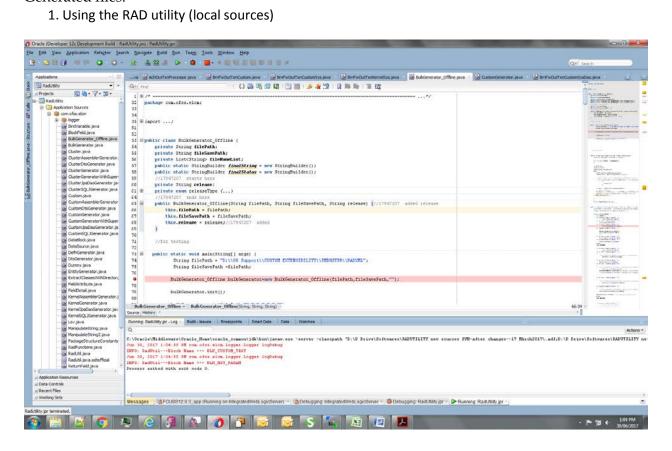
Field2 and Field3 are visible, Field1 is made invisible.

Created a new Field set FST_CUSTOM_TEST and added all the three fields to it. Added it in the Body section.

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1. Using the RAD utility (local sources)



2. Using RADTOOL:

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a. Step 1: Check Java functions in preferences

b. Step 2: While generating, check Java Classes.

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Points to Note:

- 1. The generated artifacts need to be added to the project.
- 2. Common Files and Entity files will replace existing kernel files. Others will be of different names, e.g., HstParamCustomSys.java (instead of HstParamSys.java as in case of Kernel files).
- 3. These files extend kernel files, and hence all kernel functionality would be retained and additional code can be added in these Custom files as need be.
- 4. Please note that any additional business logic/validations can be added in Added in Custom.java file (for example, in this case, HstParamCustom.java).

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After deploying the java files, UIXML and JS the screen (Blue Circled are the Custom fields)

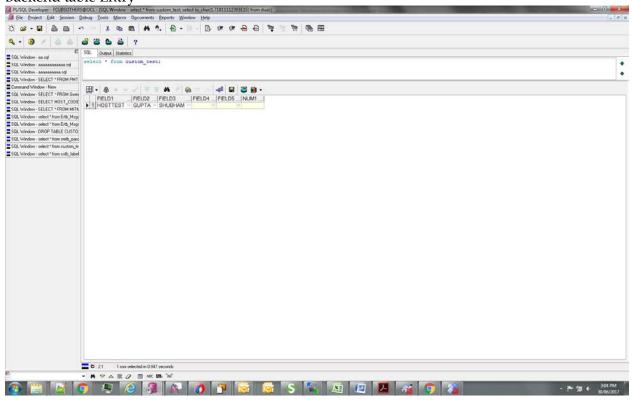
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