

Add14 Publish generated json files



Related article in Stambia.org

- <https://stambia.org/doc/140-technology-articles/mail/704-how-to-attach-a-list-of-files-to-an-email-based-on-the-content-of-a-folder>

- ❖ The Objective is to generate json files and publish a variable with the url of all those files (to attach the list to an email for example)

The screenshot displays the Stambia IDE interface. On the left, a data flow diagram shows tables T_EMAIL, T_ADDRESS, T_CUSTOMER, T_TITLE, T_PHONE_TYPE, and T_PHONE connected by arrows. In the center, a JSON structure is shown, representing the output of the data flow. On the right, a list of generated JSON files is displayed. Below the JSON structure, a table shows the values of various variables.

```

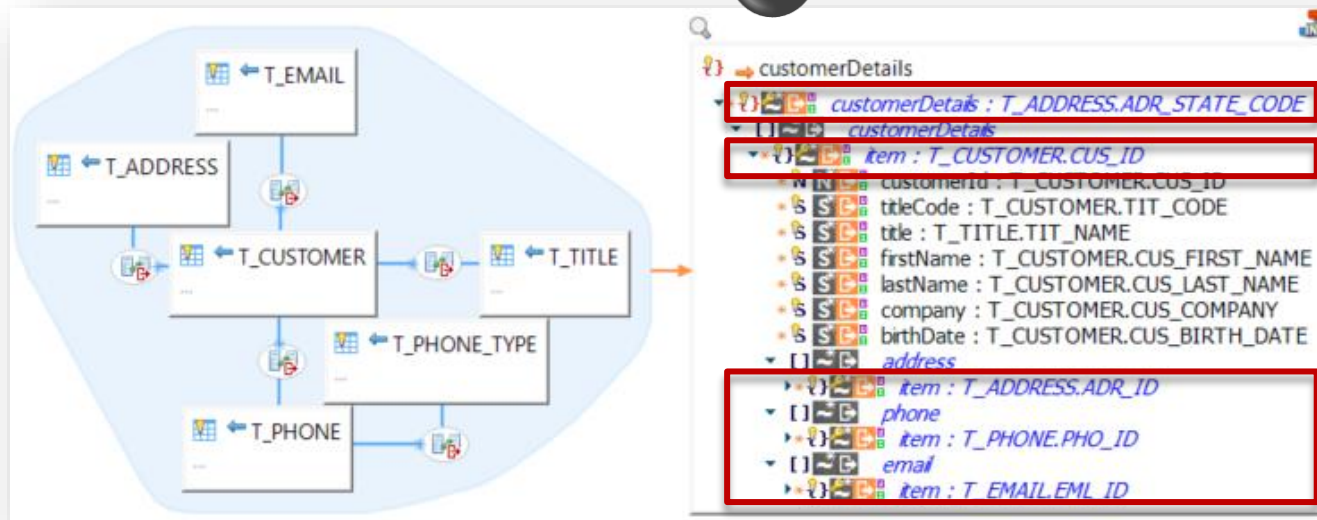
customerDetails
  customerDetails : T_ADDRESS.ADR_STATE_CODE
  customerDetails
    item : T_CUSTOMER.CUS_ID
    customerId : T_CUSTOMER.CUS_ID
    titleCode : T_CUSTOMER.TIT_CODE
    title : T_TITLE.TIT_NAME
    firstName : T_CUSTOMER.CUS_FIRST_NAME
    lastName : T_CUSTOMER.CUS_LAST_NAME
    company : T_CUSTOMER.CUS_COMPANY
    birthDate : T_CUSTOMER.CUS_BIRTH_DATE
    address
      item : T_ADDRESS.ADR_ID
    phone
      item : T_PHONE.PHO_ID
    email
      item : T_EMAIL.EML_ID
  
```

Name	Value
CORE_ACTION_ID	071d366d-c49f-45e7-8f70-672f08cb7038
CORE_BEGIN_DATE	2020/07/07 16:22:07.849
CORE_DURATION	1 248
CORE_END_DATE	2020/07/07 16:22:09.097
CORE_NAME	PUBLISH GENERATED JSON FILES
CORE_NB_ENABLED_EXECUTIONS	-1
CORE_NB_EXECUTIONS	1
CORE_PATH	PUBLISH GENERATED JSON FILES
CORE_RET_CODE	1
CORE_TOLERATED_ERROR	false
ListOfAttachements	D:/stb_wks/Training/Dev/formateur_wks_remote_20200622/Training/Files_Out/Json/States/AZ.json;...

Generated JSON files list:

- AZ.json
- CA.json
- CO.json
- DE.json
- FL.json
- GA.json
- HI.json
- IL.json
- MA.json
- MD.json
- MI.json
- MN.json
- NC.json
- NE.json
- NH.json
- NV.json
- NY.json
- OH.json
- OR.json
- PA.json
- TN.json
- TX.json
- WA.json

- ❖ 1 – Use the Generate XML_CustomerDetails mapping and replace the xml target by the json file
 - Set ADR_STATE_CODE on the higher level to generate one json file per state
 - Execute the mapping



Field stateCode

Standard
Structure
Core

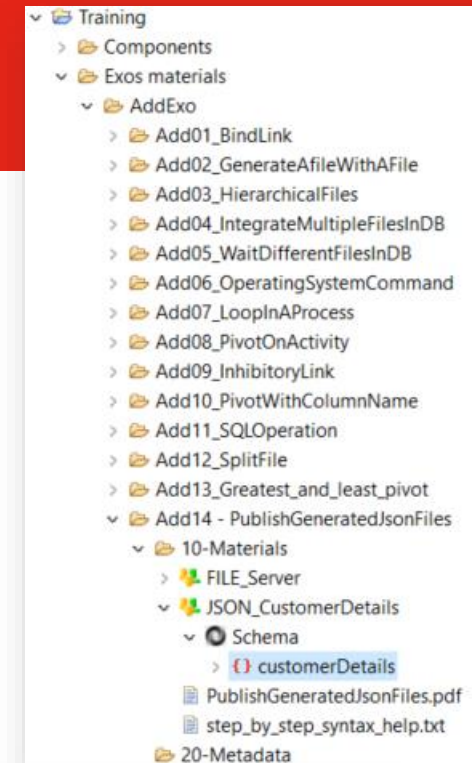
Alias: stateCode

Execution Location
☒ Enable ☐ Source ☐ Staging Area ☐ Target

Mapping
☐ Use as Key ☒ Enable Insert ☒ Enable Update ☐ Aggregate

Description

Tags
STATE



Template I_customerDetails

Standard
Core

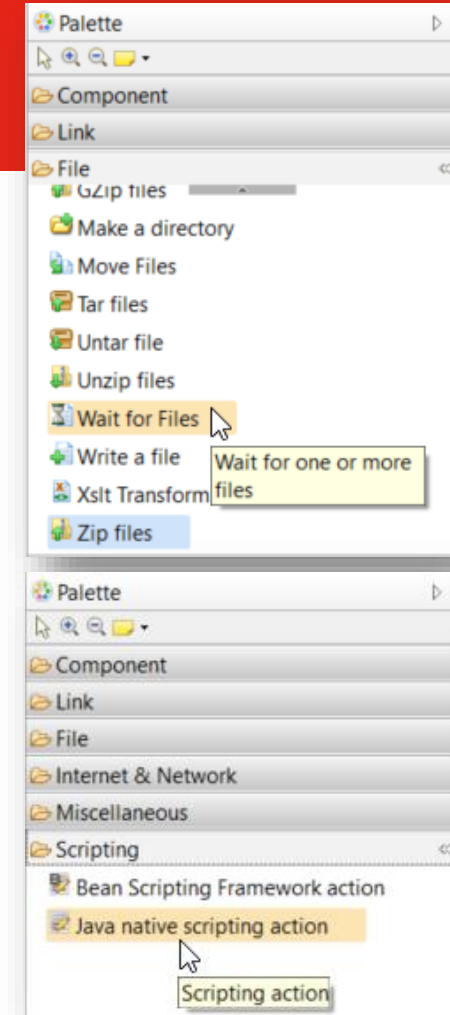
Action Process INTEGRATION Rdbms to Xml

☒ Distinct ☒ Write Xml Declaration
☐ Transactional Mode ☐ Write Xml Descriptor
☒ Xml Commit ☒ Delete Previous Files

Out File Name
Out File Mask
[STATE].json

❖ 2 - Create a process with the mapping developed

- Add a FileWait action
- Add a Scripting action



Sessions Session Detail Expression Editor

```

1 var fileDir = "%b(rhino){var pattern = /\\/g;String(__ctx__.getSourceResultSet().getString('FILE_DIR')).replace(pattern, '/')}%b";
2 var List = __ctx__.getVariableValue("~/ListOfAttachements") + fileDir + "/" + ":{FILE_NAME}:" + ";";
3 __ctx__.publishVariable("~/ListOfAttachements",List);
  
```

Native Evaluation Evaluation

❖ 3 – Execute the process and consult the result :

