

# Local Reference Field

Transact Extensibility for Java (English) 2020 Q1



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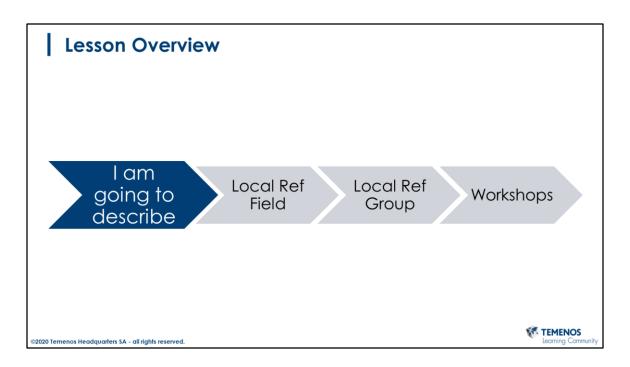
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I am going to describe Local Ref Field Local Ref Group Workshops

#### **Local Application in Java Framework**

- T24 Application allow the entry of additional local customized input fields without any program modifications
- Addition of Local fields is only valid on applications, which have already reserved a field called LOCAL.REF
  - LOCAL.TABLE This table allows to specify details of local fields to be defined.
  - LOCAL.REF.TABLE this table is to attach the local field created to the specific application

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T24 Application allow the entry of additional local customized input fields without any program modifications

Addition of Local fields is only valid on applications, which have already reserved a field called LOCAL.REF

LOCAL.TABLE - This table allows to specify details of local fields to be defined. LOCAL.REF.TABLE - this table is to attach the local field created to the specific application

#### **Java Methods**

- Method of T24 Record
  - getLocalRefField
  - getLocalRefGroups
  - getLocalRefNames
- All record classes have the above methods to access local reference fields

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Method of T24 Record getLocalRefField getLocalRefGroups getLocalRefNames

## getLocalRefField(FieldName)

- This interface is used to read the single field in Local Reference
- Parameters

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- Input: FieldName Name of the Local Ref Field
- Returns: value in TField

This interface is used to read the single field in Local Reference Parameters

Input: FieldName – Name of the Local Ref Field

Returns: value in TField

### getLocalRefGroups(FieldName)

- This interface is to read the Multi Value Group
- Parameters
  - Input: FieldName Name of the Multi Value Group
  - Returns: List of LocaRefGroup

This interface is to read the Multi Value Group Parameters

Input: FieldName – Name of the Multi Value Group

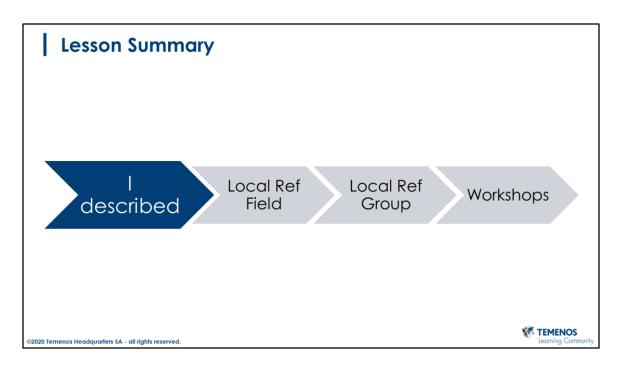
Returns: List of LocaRefGroup

#### getLocalRefNames() This interface returns the names of the local reference field in the Record Object Parameters Input: Null Vector<String> localRefNames = customerRec.getLocRefNames(); List<EducationClass> eduList = cusEduRec.getEducation(); List<br/>LocalRefGroup><br/>localRef.clear();<br/>v © localRefNames= Vector<E> (id=1898) for(int i=0;i<eduLis capacityIncrement= 0 elementCount= 108 elementData= Object[160] (id=1906) String education String universit CUSTOMER.SEGMENT, CU.EFF.DATE, USREGS.US.STATE, USREGS.APPLIED.CERTIFIED, USREGS.W String course = localRef.add(i, **TEMENOS** 2020 Temenos Headquarters SA - all rights reserved.

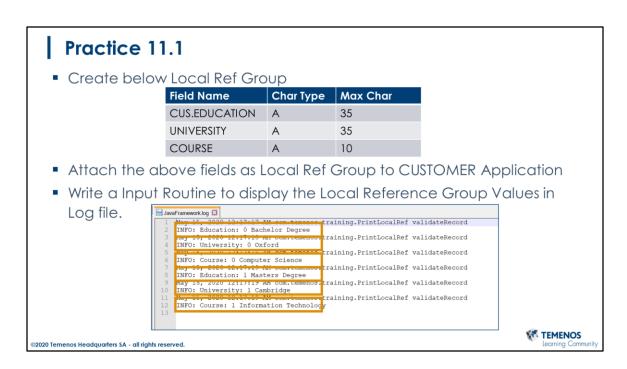
This interface returns the names of the local reference field in the Record Object Parameters

Input: Null

Returns: Vector<String>

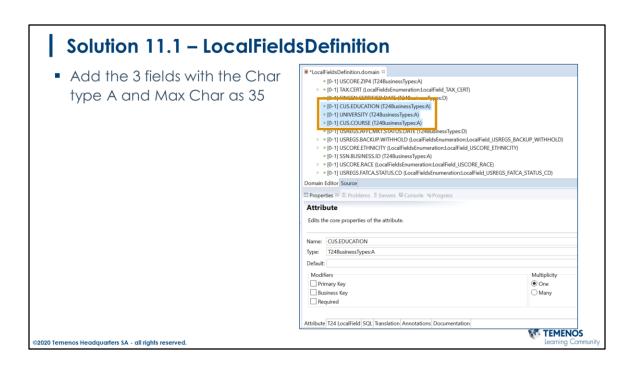


I described Local Ref Field Local Ref Group Workshops

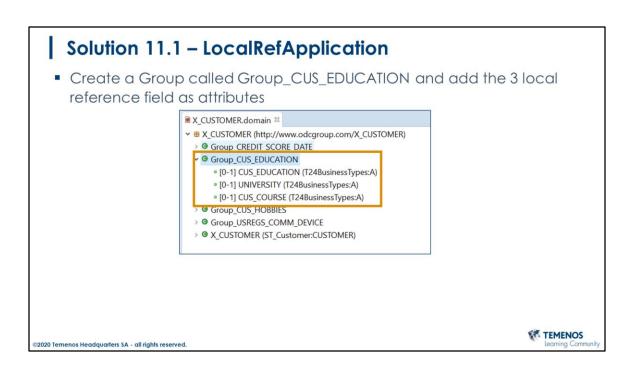


Create below Local Ref Group

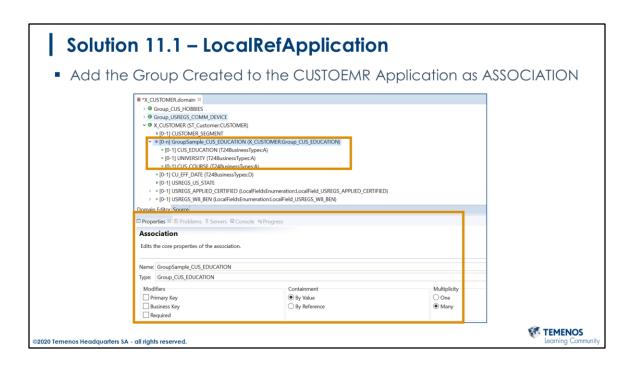
Attach the above fields as Local Ref Group to CUSTOMER Application Write a Input Routine to display the Local Reference Group Values in Log file.



Add the 3 fields with the Char type A and Max Char as 35

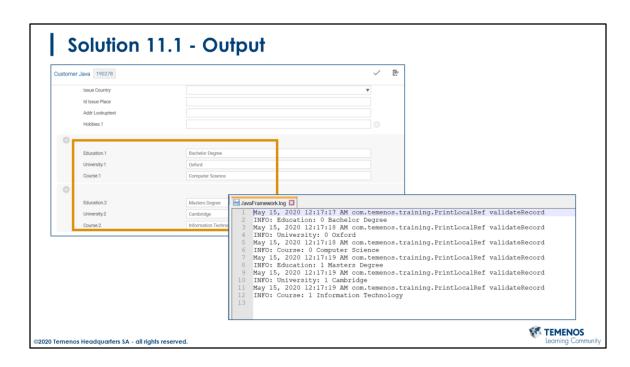


Create a Group called Group\_CUS\_EDUCATION and add the 3 local reference field as attributes



Add the Group Created to the CUSTOEMR Application as ASSOCIATION

Create the Above Program and attach it as INPUT Routine to any CUSTOMER version



The log file should have the Education Local Ref Group printed

#### Practice 11.2

Create a local application called CUSTOMER.EDUCATION with below

fields

Field Name	Data Type	Max Char
CUS.EDUCATION	Α	35
UNIVERSITY	Α	35
COURSE	Α	10

TABLE.NAME	CUSTOMER.EDUCATION
PRODUCT	ST
FILE.TYPE	Н
CLASSIFICATION	CUS

 Write a updateRecord method that should update the CUSTOMER table with Education Details given in the CUSTOMER.EDUCATION local table

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Create a local application called CUSTOMER.EDUCATION with below fields

**Field Name** 

**Data Type** 

**Max Char** 

**CUS.EDUCATION** 

Α

35

**UNIVERSITY** 

Α

35

**COURSE** 

Α

10

Write a updateCoreRecord method that should update the CUSTOMER table with Education Details given in the CUSTOMER.EDUCATION local table

#### **Field Name**

Data Type

**Max Char** 

**CUS.EDUCATION** 

Α

35

UNIVERSITY

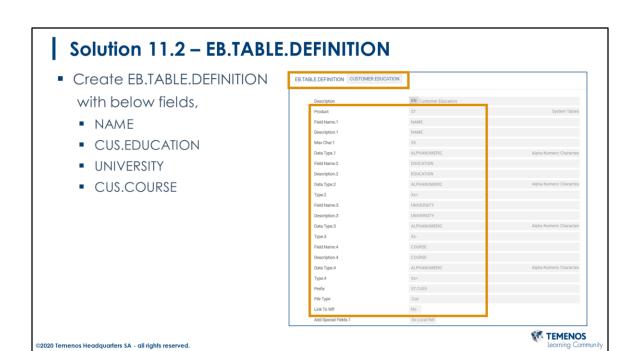
Α

35

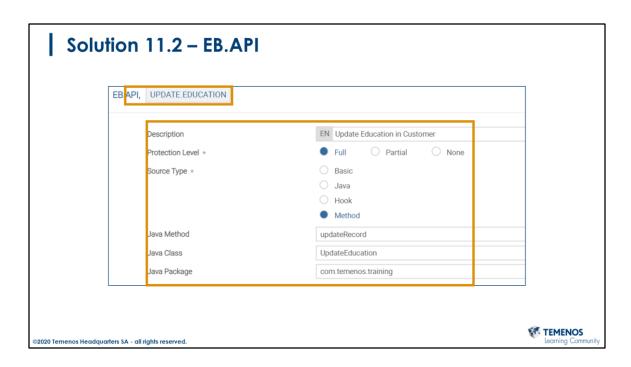
COURSE

Α

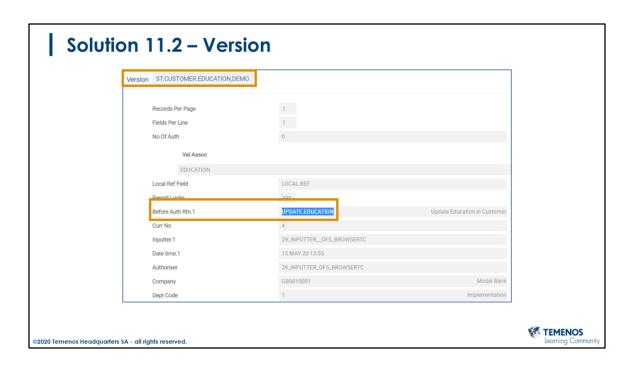
10



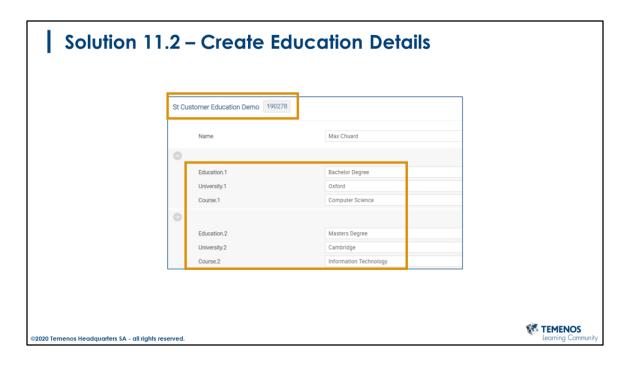
Create EB.TABLE.DEFINITION
with below fields,
NAME
CUS.EDUCATION
UNIVERSITY
CUS.COURSE



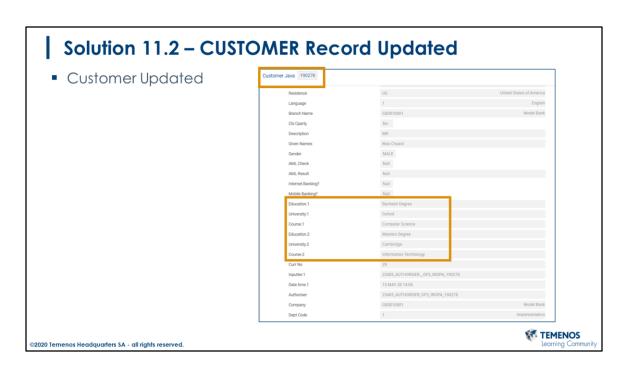
Create EB.API for the updateRecord Method



Attach the EB.API as Before Auth Routine in VERSION created for ST.CUSTOMER.EDUCATION Application



Create an entry in CUSTOMER.EDUCATION application with Customer Number



Customer Table Updated with the education details entered in CUSTOMER.EDUCATION Application

