Mapping Information Document

Mapping Name	PFDA_DM_FHIR_Patient_To_SDTM_DM
Mapping Description	fhir to sdtm demographic
Creation Date	Tue Feb 18 15:06:17 UTC 2025
Last Modified On	Thu Apr 17 16:38:03 UTC 2025
Created By	Sandeep Naredla
Last Modified By	Sandeep Naredla
Group Owner	Group_1

Source Schemas		
Schema Name	Schema ID	Schema Root
PFDA_CDMH3_JSCH_Uscore_Bundle	JSONSchema:010003003037 17407072664180 0137	Root

Target Schemas			
Schema Name	Schema ID	Schema Root	Stream Name
TSCH_SDTM_DM	TextSchema:1720290 96001158325928018100004	Root	output_1

Global Variables

Variable Name	Value

Custom Methods

Alias Name	Class Name	Method Name	Paramaters

Mapping Information

TARGET NAME	TARGET FIELD	MAPPING FIELD	FOR EACH	SORTING RULES			COMMENTS	LOCAL VARIABLES	
				Source Element	Data Type	Order		Variable Name	Value
TSCH_SDTM_DM	/Root/Record/STUDYID	concat('RWDTOSDTM-' , Current-date('yyyyMMdd'))							
TSCH_SDTM_DM	/Root/Record/DOMAIN	'DM'							
TSCH_SDTM_DM	/Root/Record/SUBJID	id							
TSCH_SDTM_DM	/Root/Record/BRTHDTC	birthDate							
TSCH_SDTM_DM	/Root/Record/DTHDTC	deceasedDateTime							
TSCH_SDTM_DM	/Root							varEthnicLkp	DBQuery { SELECT FROM_CODE, TO_CODE FROM CDMH2_REFERENCE.CODE_CONVERSION_V W WHERE FROM_VOCABULARY='FHIR-Ethnicity' AND TO_VOCABULARY = 'SDTM-ETHNICC',$oraConnInfo ,'true' }
								varSexLkp	DBQuery {SELECT FROM_CODE, TO_CODE FROM CDMH2_REFERENCE.CODE_CONVERSION_V

							W WHERE FROM_VOCABULARY= 'FHIR-BirthSex' AND TO_VOCABULARY = 'SDTM-SEX' ,$oraConnInfo ,'true' }
						varRaceLkp	DBQuery { SELECT FROM_CODE, TO_CODE FROM CDMH2_REFERENCE.CODE_CONVERSION_VW WHERE FROM_VOCABULARY ='FHIR-Race' AND TO_VOCABULARY = 'SDTM-RACE', $oraConnInfo ,'true' }
TSCH_SDTM_DM	/Root/Record		$Input_PFDA_CDMH3_JSCH_Uscore_Bundle/Root/entry/resource[resourceType = 'Patient']				
TSCH_SDTM_DM	/Root/Record/SEX	$varSexLkp//Root/Record[./FROM_CODE = gender]/TO_CODE					
TSCH_SDTM_DM	/Root/Record/DTHFL	WHEN CONDITION{deceasedBoolean='true' or deceasedDateTime != '' } VALUE=['Y'] OTHERWISE VALUE=['']					
TSCH_SDTM_DM	/Root/Record/ETHNIC	$varEthnicLkp//Root/Record[./FROM_CODE = $varSrcEthnicCode]/TO_CODE				varSrcEthnicCode	extension[contains(url,'ethnicity') = 1]/extension[contains(url,'ombCategory') = 1

							]/value Coding/code
TSCH_SDTM_DM	/Root/Record/USUBJID	identifier/value					
TSCH_SDTM_DM	/Root/Record/RACE	WHEN CONDITION{ $varSrcRaceCount > 1} VALUE =['MULTIPLE'] OTHERWISE VALUE=[$varRaceLkp//Root/Record[./FROM_CODE = $varSrcRace]/TO_CODE]				varSrcRace	extension[contains(url,'race')=1]/extension[contains(url,'ombCategory')=1]/valueCoding[code = 'American Indian' or code ='Alaska Native' or code='Asian' or code ='Black or African American' or 'Native Hawaiian or Other Pacific Islander' or 'White']/code
						varSrcRaceCount	count (extension[contains(url,'race')=1]/extension[contains(url,'ombCategory')=1]/valueCoding/code)