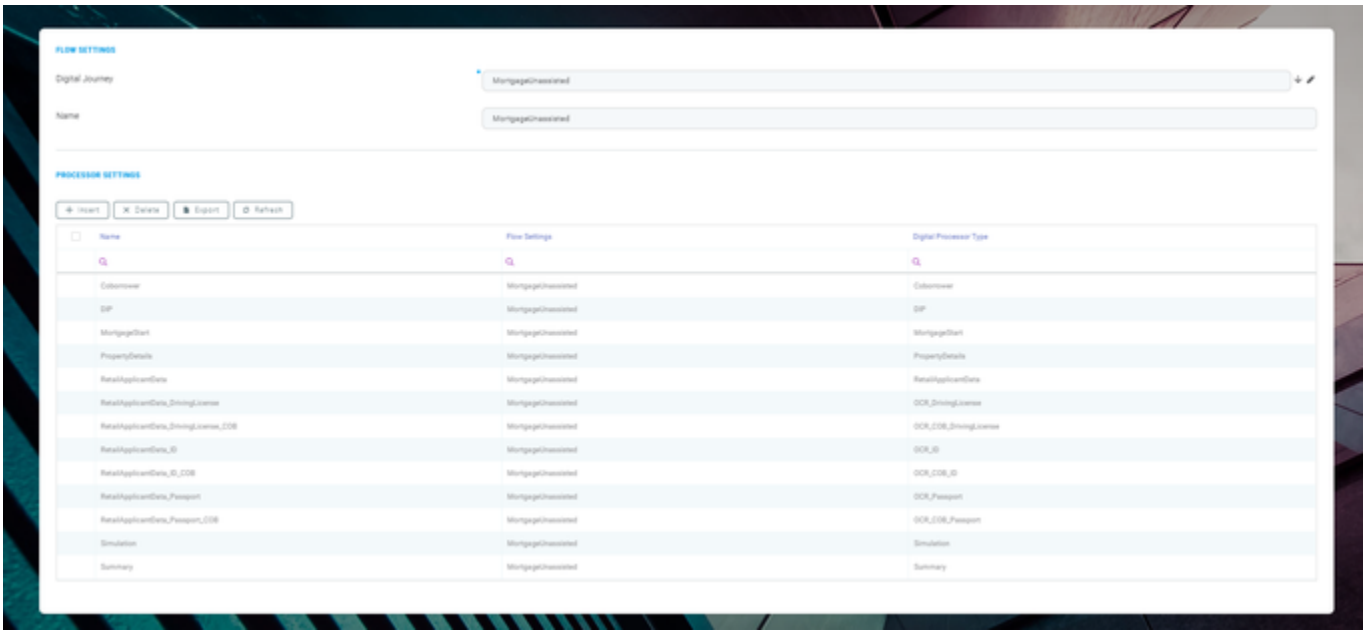
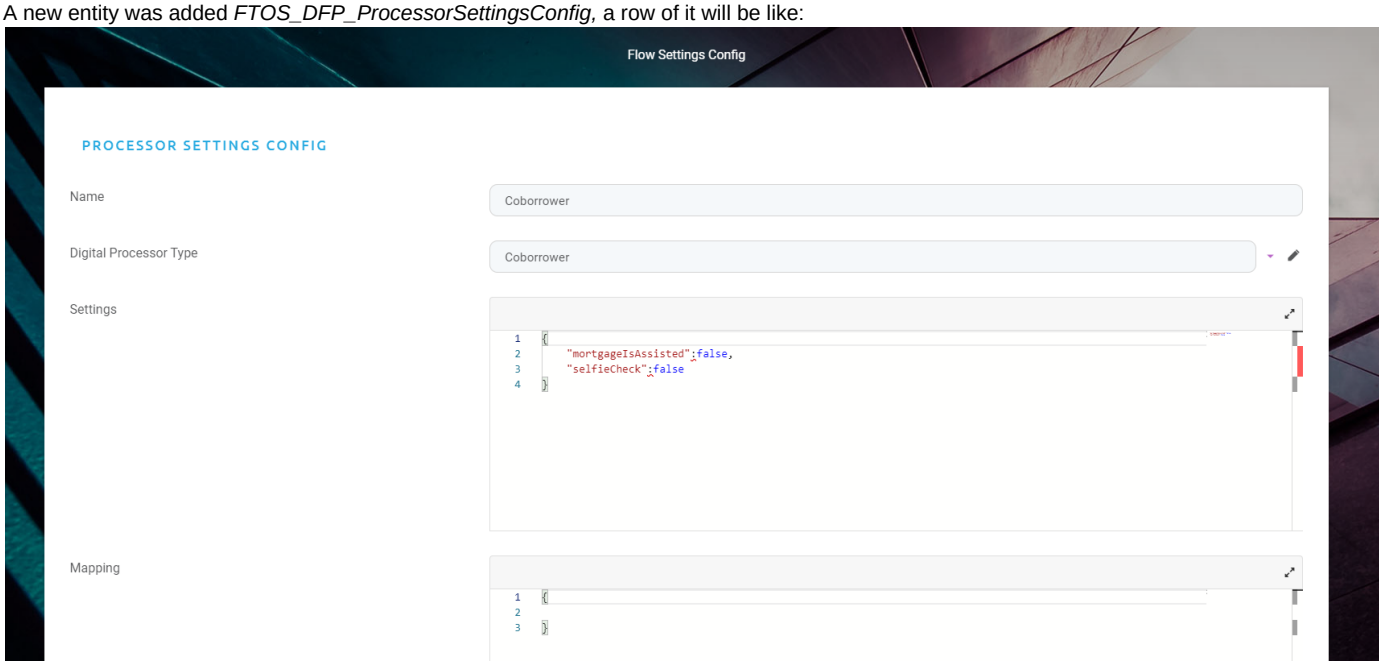
FlowSettings - why&where



Flow settings will be used for a defined digital journey. On each step an endpoint will be called to fill in some virtual attributes with the digital journey id and the other settings like: mortgageIsAssisted.

A new entity was added *FTOS_DFP_ProcessorSettingsConfig,* a row of it will be like:



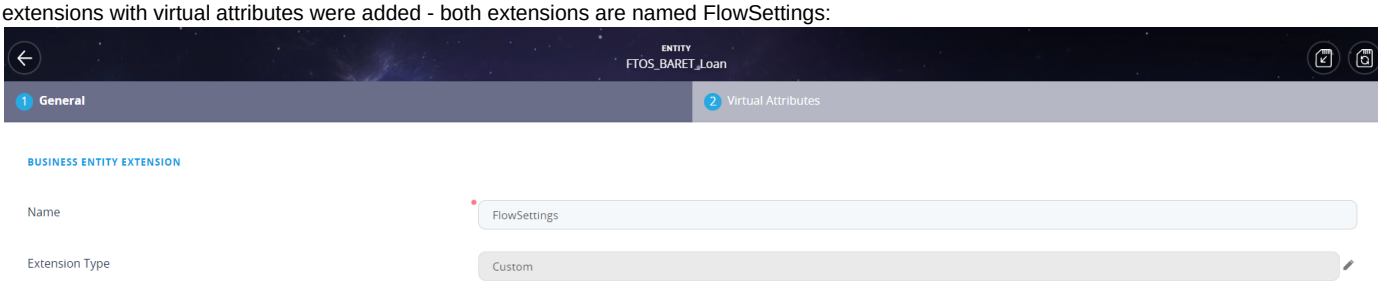
Each time a new processor setting is added on the flow setting, the “Setting“ field will be filled with the settings added on *FTOS_DFP_ProcessorSettingsConfig* for that specific digital processor type.

The scope of using this, is to have configs for each component, basically for each component will be a digital processor type and some settings. (You can set specific parameters that are using in the flow)

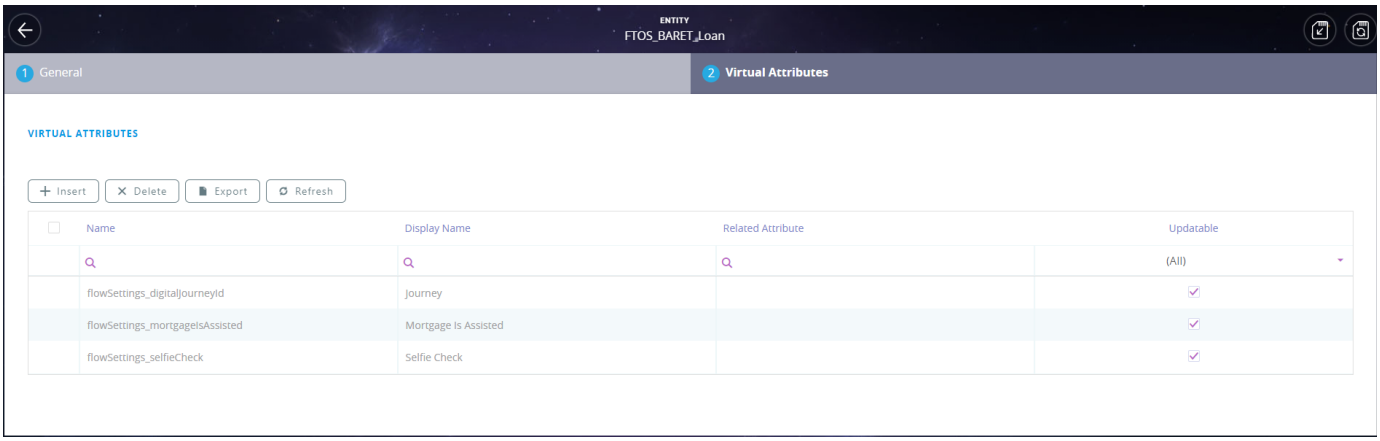
On the insert form of journey (*FTOS_BARET_MortgageB2C_Start*), the digital journey id is saved on *FTOS_BARET_Loan* entity. It’s called endpoint “`FTOS_GetDigitalJourneyNameById`“ to get the digital journey id using the name - **This is something temporary until a new version of application which will automatically save the digital journey id to the main entity**.

```
ebs.callActionByNameAsync("FTOS_GetDigitalJourneyNameById",
{digitalJourneyName: "MortgageUnassisted"})
    .then(function(r){
        if(r.IsSuccess){
            formData.model.digitalJourneyId = r.UIResult.Data.
digitalJourneyId;
        }
    })
```

On this specific scenario there are two main entities: FTOS_BARET_Loan & FTOS_BNKAP_RetailApplicantData. For these, some custom extensions with virtual attributes were added - both extensions are named FlowSettings:



with the same custom attributes on both entities:



Those attributes are added on UI as hidden.

On each form, the same call will be done:

```
var flowSettingCL = ebs.importClientScript("FTOS_FlowSettings_Utils");
flowSettingCL.setFlowSettingVirtualCustomAttributes(formData.id,
"PropertyDetails")
    .then(function (r) {
```

in the “then” scenario of the async method will be added the entire script of *After Events.*

Client Script `FTOS_FlowSettings_Utils`

- contains one async function `setFlowSettingVirtualCustomAttributes` which will

- call endpoint `FTOS_GetFlowSettings_ByLoanIdAndDigitalProcessorTypeName` with two params: loanId and `digitalProcessorTypeName` for getting the flow settings
- use the result from getting the settings (previous point) and set them to virtual custom attributes on form (including digital journey id)

Server library `FTOS_FlowSettings_Utils`

functions:

- **getDigitalJourneyId** - returns digital journey id using loan id
- **getFlowSettingsParametersByLoanIdAndDigitalProcessorTypeId** - based on loanId and digitalProcessorTypeId and functions `getDigitalJourneyId` and `getFlowSettingsParametersByDigitalJourneyIdAndDigitalProcessorTypeId`, it returns digitalJourneyId, ProcessorSettingsId, settings and mapping from flow settings
- **getFlowSettingsParametersByLoanIdAndDigitalProcessorTypeName** based on loanId and digitalProcessorTypeName and functions `getDigitalJourneyId` and `getFlowSettingsParametersByDigitalJourneyIdAndDigitalProcessorTypeName`, it returns digitalJourneyId, ProcessorSettingsId, settings and mapping from flow settings
- **getFlowSettingsParametersByDigitalJourneyIdAndDigitalProcessorTypeId** - using digitalJourneyId and digitalProcessorTypeId, it returns digitalJourneyId, ProcessorSettingsId, settings and mapping from flow settings
- **getFlowSettingsParametersByDigitalJourneyIdAndDigitalProcessorTypeName** - using digitalJourneyId and digitalProcessorTypeName, it returns digitalJourneyId, ProcessorSettingsId, settings and mapping from flow settings
- **getFlowSettingName**: return flow settings name based on digital journey id

Server endpoint `FTOS_GetFlowSettings_ByLoanIdAndDigitalProcessorTypeName` calls function `getFlowSettingsParametersByLoanIdAndDigitalProcessorTypeName` from server library