

# Interest Rate Swap (upgrade steps)

Customization Upgrade Guide  
Release 5.5  
Area: Advanced Interest Derivatives

**Latest version of this document**

The latest version of this document can be found at <https://docs.avalq.com>

**Feedback**

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## Version history

Version / Date	Section	Description of the change
5.5v0 / 27 January 2023		This is a new document for release 5.5.

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# 1 Introduction

This document is for customization specialists. It describes the changes you might want to make to your existing customization when you upgrade to Avaloq Core release 5.5.

## Prerequisite knowledge

You are familiar with the Avaloq Banking System and are an Avaloq Certified Professional.

In particular, you should understand the concepts in the documents that follow:

- Interest Rate Swap (IRS) - Customization Guide (Doc. ID: 2087)
- Migration Preconditions - Upgrade Document (Doc. ID: 1607)

## 1.1 Migration to new AE (Asset Evaluation)

For more details specific to the new AE functionality see [Financial Instruments - Customization Upgrade Guide \(Doc ID: 4369\)](#).

As part of migration to the new AE functionality, the “Calculation Scenario” field on the IRS Unwind has become mandatory, and to populate it, new field rule(s) for the `ae_calc_scen_id` (“Calculation Scenario”) field must be created. Rules for both IRS Unwind and Novation Step Out must also be created.

Bank receives		Bank Pays		Net	
Amount	1,000,000.00	Amount	-1,000,000.00	Amount	0.00
Principal Value	-30,629.42	Principal Value	-27,046.61	Principal Value	-57,676....
Present Value	-1,030,629.42	Present Value	972,953.39	Present Value	-57,676....
Accrued Interest	0	Accrued Interest	0	Accrued Interest	0.00
Market Value	-1,030,629.42	Market Value	972,953.39	Market Value	-57,676....

  

Total	
Balloon	
Net Unwind Amount	-57,676....

OK

## Sample code snippet

```
-- ASSET EVALUATION CALCULATION SCENARIO
```

```
----- UNWIND -----  
INSERT INTO DOC_DFLT_FLD_VAL_RULE_LD (  
    RULE_SET  
    ,META_TYP  
    ,FLD  
    ,COND  
    ,RULE_KIND  
    ,RULE  
    ,PRIO  
    ,DESCN  
    ,RULE_ID  
    ) VALUES (  
    'IRS'  
    , 'irs'  
    , 'ae_calc_scen_id'
```

```

, '[doc.order_type_grp_id = code_order_type_grp.irs_unwind and doc.is_cfc_order = ''-'']'
, 'expr'
, '[code_md_scen.std_id]'
, '1000'
, 'Dflt AE Calc Scen'
, 1
);

---- NOVATION - STEP OUT ----
INSERT INTO DOC_DFLT_FLD_VAL_RULE_LD(
    RULE_SET
, META_TYP
, FLD
, COND
, RULE_KIND
, RULE
, PRIO
, DESCN
, RULE_ID
) VALUES (
    'IRS'
, 'irs'
, 'ae_calc_scen_id'
, '[doc.order_type_grp_id = code_order_type_grp.nov_step_out and doc.is_cfc_order = ''-'']'
, 'expr'
, '[code_md_scen.std_id]'
, '1000'
, 'Dflt AE Calc Scen'
, 1
);

```