

Common Components Messages Activities

TARGET Consolidation Contact Group
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0. Background and goal of the presentation
1. Usage Guidelines: changes between UDFS v1.1.1 and UDFS v2.0
2. Further improvements foreseen by the UDFS v2.0.1 publication

0. Background and goal of the presentation

The purpose of Common Components (CoCo) is to offer a common set of functionalities to all services through the A2A and U2A mode. A2A ISO 20022 specifications are published in MyStandards (from a technical view) and described in the RTGS/CLM UDFS (for a business view).

The aim of this presentation is to give to TCCG members a comprehensive view of the activities performed on the common component messages, with the objective to:

- describe all changes performed in MyStandards Usage Guidelines for UDFS v2.0, stating from the UDFS v1.1.1. version;
- describe some improvements which will be delivered with UDFS v2.0.1

1. Usage Guidelines: changes between UDFS v1.1.1 and UDFS v2.0

Basic information on CoCo Usage Guidelines

Common Component messages are currently stored in MyStandards in two different T2 sub-groups, RTGS and CLM. Since CRDM and BILL can support only a single schema for each message, usage guidelines are replicated between the two ¹

Messages are grouped into the following collections:

Billing - camt.076, camt.077

Cash Account Management - acmt.007, acmt.010, acmt.011, acmt.015, acmt.019

Limit - camt.011, camt.012

Standing Order - camt.024, camt.069, camt.070, camt.071

Reservation - camt.048

Party Management - reda.014, reda.016, reda.022, reda.031

Party Query Party Report - reda.015, reda.017

Cash Account Audit Trail Party Audit Trail - reda.039, reda.040, reda.042, reda.043

Direct Debit Mandate - camt.099, camt.100

Cash Account Query Report - acmt.025, acmt.026

Calendar Query Calendar Report - reda.064, reda.065

¹ There can be small differences on annotation for the same UG between the two groups, explaining different usage cases of the same message. e.g. camt.024 – Creditor is used only for ASI Procedure D (RTGS), while it is not used for CLM.

Activities performed on UGs

Starting from the UDFS v1.1.1, all activities performed on the UGs for the UDFS 2.0 can be classified on two groups:

Activities which interested all UGs:

- UGs Name Harmonization;
- Removal of Leading and Trailing blanks;
- NONREF on annotations;
- Insertion of Business rules annotations for inbound messages;
- CRDM – Mapping added on annotations.

Activities which interested a subset of UGs:

- TARGET name harmonisation on datatypes;
- Amount harmonisation to 18,2;
- Changes on fields.

The following slides will describe each activity with more detail.

Activities which interested all the UGs - 1

UGs Name Harmonization

The name of each single Usage Guideline has been harmonised, according to the following format:

Message Type_ISO Message Name_ISO message type and version

i.e. *reda.014_PartyCreationRequest_reda.014.001.01*

Removal of Leading and Trailing blanks

New datatypes have been created to avoid the insertion of blanks at the beginning and at the end of each field, in particular text fields and fields which contain identifiers. New datatypes are recognizable by the prefix *TARGET*.

NONREF on annotations:

For Message ID fields, annotation has been inserted to specify that NONREF value is used.

Activities which interested all the UGs - 2

Insertion of Business rules annotations for inbound messages:

For all inbound messages and for all the fields interested by a Business Rule (BR), an annotation has been inserted in order to describe the BRs applied (*CRDM-BusinessRules* section has been added to the annotation structure).

The CRDM, BILL, BDM and ESMIG UDFS v2.0.1 will contain a new table (*Business rules applicable to the schema*) for each message chapter, reflecting the MyStandards association filed-BRs, in order to complement the Business Rule table already present in the Annex. Simultaneously, the business rule Annex table will be deprived of the column *Code Field*, allowing a better legibility in case of a business rule is applied to multiple messages and multiple fields. *In this way, UDFS v.2.0.1 will be in line with the T2S UDFS approach.*

Activities which interested all the UGs - 3

CRDM–Mapping added on annotations.

A new field (*CRDM–Mapping*) has been added on the annotation structure of each message.

This field, used for documentation purposes, allows to link each message tag to the correspondent object - attribute of the data model.

For example, for reda.014 (Party Creation Request), for the field Party/Id

/Document/PtyCreReq/Pty/Id/Id

the following mapping has been added in the annotation

CRDM-Mapping: Party Mnemonic: Party Code

This means that the field *Id* is mapped with the attribute *Party Mnemonic* of the object *Party Code*.

This is in line with the T2S approach.

Common Components UDFS will report the data model, allowing to verify this mapping.

Activities which interested a subset of UGs - 1

TARGET name harmonisation on datatypes

Customised datatype names have been harmonised, removing the service dependent prefix and adding the *TARGET* one (where needed).

Interested collections: Billing, Cash Account Management, Party Management, Standing Order.

Amount Harmonisation to 18,2

According to the TCCG presentation, amount fields relevant for settlement have been harmonised to 18,2 format

Interested collections: Cash Account Management (acmt.007, acmt.015), Limit (camt.011), Standing Order (camt.024, camt.070), Reservation (camt.048), Direct Debit Mandate (camt.100), Cash Account Query Report (acmt.026)

Activities which interested a subset of UGs - 1

Changes on fields

A very limited number of fields/datatypes has been updated:

- *camt.024* Execution Type. Proprietary element enabled, with the addition of all values for T2S and CSLD;
- *camt.048*: LEI and Branch identification pruned for Default reservation (Standing Order for Reservation);
- *acmt.026*: Reference Account type added.

2. Further improvements foreseen by the UDFS v2.0.1 publication

UDFS – UGs improvements

UDFS

- *Schema - Outline of the schema* sections of message chapters will be amended in order to reflect the use of NONREF as message identification;
- Business rules will be updated (if needed) basing on the result of the IDFS drafting phase (not yet concluded when the UDFS v2.0 was published), with a very low impact.

UGs

- Party reda messages will be migrated to the ISO registered version, in line with the T2S approach (CR-713).
- The new BIC pattern (ISO9362_2014) will be applied to CoCo messages, where foreseen by the base message version (ISO MR2019) and not yet applied (e.g. party reda ones), following the agreement reached with ECB and with other services who share these messages (T2S);
- Any T2S code as unique fixed field will be removed;
- Message examples will be amended to reflect the status of the UGs.

MyStandards sub-groups

Currently, Common Components UGs are duplicated between the two T2 sub-groups: RTGS and CLM.

With the decision to deliver dedicated Scope Defining Document for Common Components , the current approach no longer makes sense.

A new MyStandards T2 sub-group (CoCo) will contain all the Common Components Usage Guidelines, maintaining the actual grouping and message naming convention to avoid any issue on customer side.

Links to UGs contained in the Common Components UDFS will refer to this new group (CoCo).

Further improvements foreseen by UDFS v2.0.1 publication

This approach will:

- avoid unexpected differences between the same UG duplicated in different groups;
- reduce maintenance efforts;
- give to the user a single point to get information regarding Common Component UGs.

The old UGs v2.0 will be uploaded in the CoCo sub-group, allowing users to detect changes between the the new and the old versions using the MyStandards functionalities. Consequently, the respective existing Usage Guidelines will be removed from RTGS and CLM sub-groups.

Thank you for your attention!
