

Usages of Tax Obligation for Taxpayer Registration Creation and Update, De-registration, Re-registration



Applies to:

SAP Tax and Revenue Management.

Summary

Tax obligation is the key information of a taxpayer in a tax system. Due to varieties in actual business, a tax obligation needs to be flexible enough to reflect the unambiguous agreement between taxpayer and tax office. The first registration establishes the tax obligation attached to the master data, by which the taxpayer is able to file tax returns / refund requests to the tax office. Afterwards, the tax obligation can be updated through change requests to support requirements from cancellation, extension or re-registration. The time-dependency should be considered during rules validation so that incorrect filings can be filtered out for further manual intervention.

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Tax Obligation

In SAP Tax and Revenue Management, facts are used to model the tax registration information of a taxpayer. Facts are a generic data model that can be used to model time-dependent data. Technically, facts data is connected to a contract object, which in a business sense, can be used to model a registration object of a taxpayer.

Generally, a tax obligation is created during registration, ended during de-registration and resumed during re-registration. An existing tax obligation may be updated when the validity or periodicity is changed etc.

Fact Type Tax Obligation (RG01)

The tax obligation is carried by the SAP standard delivery FACT TYPE 'RG01', as part of a FACT SET that is linked to the Revenue Type.

Fact Type Tax Obligation (RG01) consists of the following fields, which in fact terminologies are called FACT CATEGORIES:

Sequence	Fact Category	Description	Alternative Description
10	0010	Taxpayer	
20	0007	Tax Account Type	
30	0011	Location	
40	0013	Status	
50	0014	Period	Validity Start of Registration
60	0014	Period	Validity End of Registration
70	0015	Online filing commitment	
81	0004	Calendar Date	Date From
82	0004	Calendar Date	Date To
83	0016	Periodicity	

(Table 1)

Functionally, the fact type RG01 is the carrier for the tax obligation information in SAP TRM. It means the **business partner** (taxpayer), using the **contract account** and **contract object**, registers from '**date from**' until '**date to**' for revenue type (defined under contract object type) with a specific **periodicity**, whereby 'date from / to' shall be consistent to respective '**period from / to**'.

Example 1:

A tax obligation for monthly filing from 1.1.2006 to 15.12.2006:

Carrier CO	FACT_SET	FACT_TYPE	FACT_CATEGORY	Description	VALUE_GENERIC
...	MVT-CA	RG01	0010	Taxpayer	0600002272
...	MVT-CA	RG01	0016	Periodicity	MO
...	MVT-CA	RG01	0004	Date To	15.12.2006
...	MVT-CA	RG01	0007	Tax Account	005200027400
...	MVT-CA	RG01	0004	Date From	01.01.2006
...	MVT-CA	RG01	0015	Online Filing	
...	MVT-CA	RG01	0014	End of Registration	0612

...	MVT-CA	RG01	0011	Location	20000000001
...	MVT-CA	RG01	0014	Start of Registration	0601
...	MVT-CA	RG01	0013	Status	

(Table 2)

Multiple Time Slices within a Tax Obligation

Over the time a taxpayer is obliged to file and pay taxes, there may be changes.

Single Time Slice

The taxpayer can overwrite the existing tax obligation.

Example 2:

The original tax obligation extends from 15.12 to 31.12:

Carrier CO	FACT_SET	FACT_TYPE	FACT_CATEGORY	Description	VALUE_GENERIC
...	MVT-CA	RG01	0010	Taxpayer	0600002272
...	MVT-CA	RG01	0016	Periodicity	MO
...	MVT-CA	RG01	0004	Date To	31.12.2006
...	MVT-CA	RG01	0007	Tax Account	005200027400
...	MVT-CA	RG01	0004	Date From	01.01.2006
...	MVT-CA	RG01	0015	Online Filing	
...	MVT-CA	RG01	0014	End of Registration	0612
...	MVT-CA	RG01	0011	Location	20000000001
...	MVT-CA	RG01	0014	Start of Registration	0601
...	MVT-CA	RG01	0013	Status	

(Table 3)

In this case, historical data is only accessible through the change document which is not recommended in a tax system. Once the taxpayer requests to file based on the older data, or a tax office tries to view the overall data of the taxpayer in certain timeline, it's difficult to operate.

Multiple Time Slice

Alternatively, when the taxpayer wants to change the periodicity of the filing or the value of other facts than RG01, you can add one more time slice of fact type RG01 to accommodate both values with respective validities. This is valid when the two adjacent validities have no gap in-between.

Example 3:

An original tax obligation for monthly filing from 1.1.2006 to 31.12.2006 is changed to 2 slices:

- Monthly filing from 1.1.2006 to 30.6.2006 and
- Quarterly filing from 1.7.2006 to 31.12.2006

Before split:

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Monthly filer, Year 2006											

After split:

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Monthly filer, first half-year, 2006						Quarterly filer, second half-year, 2006					

RG01 representation in table DFACTS:

Carrier CO	FACT_SET	FACT_TYPE	FACT_TYPE_REP	FACT_CATEGORY	Description	VALUE_GENERIC
...	MVT-CA	RG01	0001	0010	Taxpayer	0600002272
...	MVT-CA	RG01	0001	0016	Periodicity	MO
...	MVT-CA	RG01	0001	0004	Date To	30.06.2006
...	MVT-CA	RG01	0001	0007	Tax Account	005200027400
...	MVT-CA	RG01	0001	0004	Date From	01.01.2006
...	MVT-CA	RG01	0001	0015	Online Filing	
...	MVT-CA	RG01	0001	0014	End of Registration	0606
...	MVT-CA	RG01	0001	0011	Location	20000000001
...	MVT-CA	RG01	0001	0014	Start of Registration	0601
...	MVT-CA	RG01	0001	0013	Status	
...	MVT-CA	RG01	0002	0010	Taxpayer	0600002272
...	MVT-CA	RG01	0002	0016	Periodicity	QU
...	MVT-CA	RG01	0002	0004	Date To	20061231
...	MVT-CA	RG01	0002	0007	Tax Account	005200027400
...	MVT-CA	RG01	0002	0004	Date From	01.07.2006
...	MVT-CA	RG01	0002	0015	Online Filing	
...	MVT-CA	RG01	0002	0014	End of Registration	06Q4
...	MVT-CA	RG01	0002	0011	Location	20000000001
...	MVT-CA	RG01	0002	0014	Start of Registration	06Q3
...	MVT-CA	RG01	0002	0013	Status	

(Table 4)

As mentioned earlier, a Fact Type is included in a Fact Set. Once the Fact Type RG01 is set to **'Multiple Values'**, there can be multiple occurrences of RG01. Different time slices of Fact Types are represented by different fact type repetitions within a Fact Set.

Fact Type Sequence 10

Assigned Fact Types

Fact Type	RG01
FT Description	Tax Obligation
Alternative Text	
<input checked="" type="checkbox"/> Multiple Values	
<input checked="" type="checkbox"/> Time-Dependent	
Authorization Group	
<input type="checkbox"/> Mandatory	

Fact Categories Date From/ Date To in RG01 versus Table Fields valid_to / valid_from in table DFACTS

There may be confusion towards the table fields in table DFACTS, where facts data is stored, and the fact categories with similar name. 'Date From / Date To' from the definition of the fact category are part of fact type RG01 and describe the start and (optionally) end date of this tax obligation for the taxpayer. In contrast, 'Valid_to / valid_from' are table columns of database table DFACTS, being used technically to represent multiple time slices for a Fact Type. These table fields are only relevant if fact type RG01 is marked as 'Time-Dependent' in Customizing (see below).

Based on this clarification, values of the table columns must not be used to represent business meaning for RG01. A tax obligation can consist of multiple "Date From / Date To" pairs, which serve as multiple validities of the obligation.

Note: For non-RG01 Fact Types, unless specified differently, valid_to defines the time slice cutting point of different business attributes. It does not work the same way for RG01 because with RG01 there are additional and dedicated Fact Categories defined for this particular usage.

A sample table entry for a complete RG01 would look like the following:

Example 4:

...	VALID_TO	FACT_	FACT_	FACT_	Description	VALUE_GENERIC	...
		SET	TYPE	CATEGORY			
...	99.991.231.235.959	MVT-CA	RG01	0010	Taxpayer	0600002272	...
...	99.991.231.235.959	MVT-CA	RG01	0016	Periodicity	MO	...
...	99.991.231.235.959	MVT-CA	RG01	0004	Date To	31.12.2006	...
...	99.991.231.235.959	MVT-CA	RG01	0007	Tax Account	005200027400	...
...	99.991.231.235.959	MVT-CA	RG01	0004	Date From	01.01.2006	...
...	99.991.231.235.959	MVT-CA	RG01	0015	Online Filing		...
...	99.991.231.235.959	MVT-CA	RG01	0014	End of Registration	0612	...
...	99.991.231.235.959	MVT-CA	RG01	0011	Location	20000000001	...
...	99.991.231.235.959	MVT-CA	RG01	0014	Start of Registration	0601	...
...	99.991.231.235.959	MVT-CA	RG01	0013	Status		...

(Table 5)

Here Fact Category 0004, stands for 'Valid To' and 'Valid From' within the fact type RG01, differentiated by column Fact Category Sequence '82' and '81' respectively, which are not shown in this table.

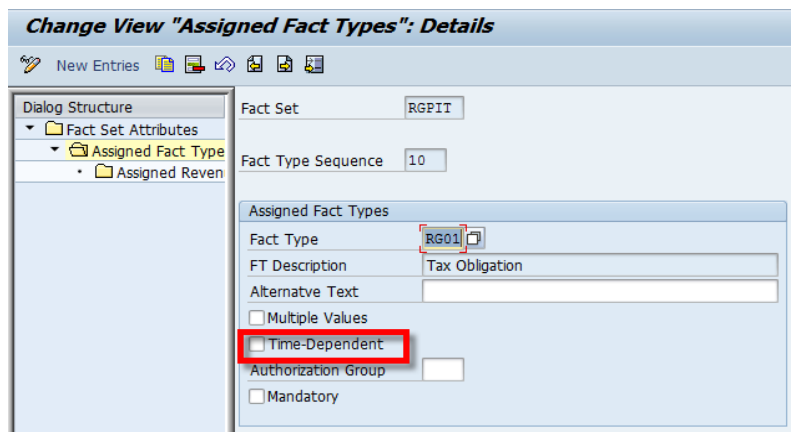
If there is more than 1 time-span of the same tax type for the same taxpayer, there can be 2 situations.

One without time-wise gaps in-between, then we just tick the 'multiple values' checkbox in Customizing and increase the Fact Type Repetition. Refer to table 4.

The other one with gaps, then we need to tick the 'time-dependent' checkbox in Customizing and vary / split the 'VALID_TO' for each occurrence.

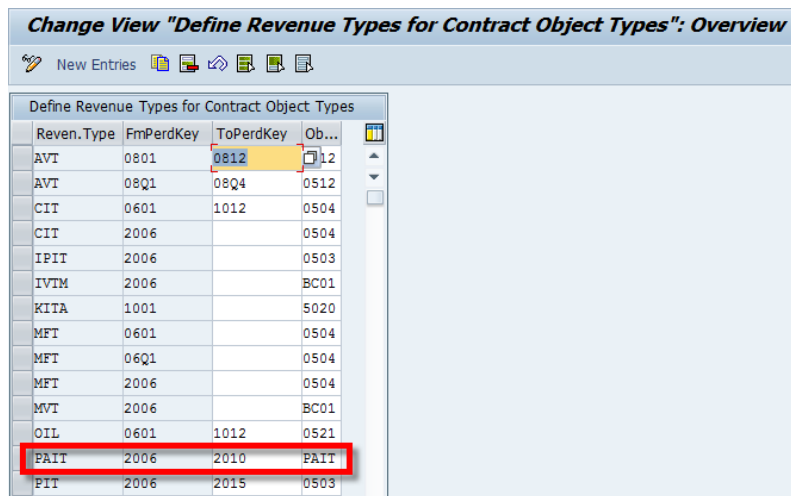
Customizing

As FACT TYPE RG01 is included in a FACT SET for one specific revenue type, it's also possible to have multiple RG01 occurrences within a tax obligation. If one tax obligation shall be changed over the time from additional requests from the taxpayer, the FACT TYPE inclusion in the FACT SET has to be set to 'Time-Dependent' like the following.



(Image 1)

Contract object type is assigned to revenue type and period chains.



(Image 2)

Fact set is assigned to contract object type.

Change View "Fact Set Assignment to Contract Object Type": Overview

Ob...	Name of CO Type	Fact Set	Fact Set Description
LOXX	Branch / Location XX		
PAII	Tax	RGPII	Registration of Individual Taxes (PIT)
RW	Cash Ref. No. (Integr. PSM-FM)		
SD	Cash Reference No. (Integr.SD)		
SIVI	VAT Reference Number		
TUII	Tuition Fees (Campus Mgmt)		

(Image 3)

Tax Obligation Creation

Creation of a tax obligation (TOBL) is the first step to establish the linkage between a taxpayer and the tax office. Normally it takes place during a taxpayer registration process. Sometimes it is also triggered from an implicit process, which may be relevant in the context of a tax filing from non-existing-yet taxpayer.

Generally, the filling of the FACT TYPE 'RG01' is fulfilled by existing TRM BRFplus action 'Create TOBL'. This is required during registration process.

Name: Short Text: [Show Documentation](#)

Application: Access Level:

[Show More](#)

Action Followup Actions

Detail

Technical Information

Class Name: BRFplus Form Processing Framework

Method Name: No Description

Mapped Parameters

[Add Parameter](#)

- 1_ET_MESSAGE - Optional , Exporting (Table with BAPI Return Information) [Show Details](#)
- 2_EX_ERROR - Optional , Exporting (Error) [Show Details](#)
- 3_IS_TOBL_CORE - Mandatory , Importing (General Data) [Show Details](#)
- 4_IT_TOBL_ITEM - Mandatory , Importing (TOBL Items) [Show Details](#)
- 5_IV_HANDLINGKEY - Optional , Importing (Duplicate Prevention Key) [Show Details](#)

(Image 4)

Details can be found from the BRFplus documentation. The possible multiple time-slices within the TOBL, called TOBL items(s), can be defined in the table IT_TOBL_ITEM.

Tax Obligation Update

During the whole active period of a taxpayer, the tax obligation may be changed to suffice business objectives.

Tax Obligation Update by BRFplus Action 'Update TOBL'

A tax obligation may consist of only 1 valid time slice.

For example, a taxpayer may register for corporate income tax for 2 years since 2010 but request to extend the period by another year. In such a case, the existing slice of the tax obligation has to be updated.

This can be achieved by TRM BRFplus Action 'Update TOBL'.

Technical Information

Class Name: BRFplus Form Processing Framework
Method Name: Change the TOBL

Mapped Parameters

1. [ET MESSAGE - Optional, Exporting \(Table with BAPI Return Information \)](#) Show Details

2. [EX ERROR - Optional, Exporting \(Error \)](#) Hide Details

Component Name	Description	Mandatory Flag	Assigned Value	Move Type
EX_ERROR	Error	<input type="checkbox"/>	...	

3. [IS DEREGISTER - Optional, Importing \(Deregistrate Tax Obligation \)](#) Hide Details

Component Name	Description	Mandatory Flag	Assigned Value	Move Type
IS_DEREGISTER	Deregistrate Tax Obligation	<input type="checkbox"/>	...	
END_DATE	End Date	<input checked="" type="checkbox"/>	...	
KEY_DATE	Field of type DATS	<input checked="" type="checkbox"/>	...	

4. [IS PERIODICITY - Optional, Importing \(Change Periodicity \)](#) Hide Details

Component Name	Description	Mandatory Flag	Assigned Value	Move Type
IS_PERIODICITY	Change Periodicity	<input type="checkbox"/>	...	
DATE_FROM	Start Date	<input checked="" type="checkbox"/>	...	
DATE_TO	End Date	<input checked="" type="checkbox"/>	...	
PERIODICITY	Periodicity	<input checked="" type="checkbox"/>	...	

5. [IS TOBL CORE - Mandatory, Importing \(General Data \)](#) Hide Details

Component Name	Description	Mandatory Flag	Assigned Value	Move Type
IS_TOBL_CORE	General Data	<input checked="" type="checkbox"/>	...	
BUSINESS_PARTNER	Business Partner	<input checked="" type="checkbox"/>	...	
CONTRACT_ACCOUNT	Contract Account	<input checked="" type="checkbox"/>	...	
CONTRACT_OBJECT	Contract Object	<input checked="" type="checkbox"/>	...	
REVENUE_TYPE	Revenue Type	<input checked="" type="checkbox"/>	...	

(Image 5)

Details can be found from the BRFplus documentation.

Tax Obligation Update by BRFplus Action 'Update CO'

As previously mentioned, most likely, we have a tax obligation consisting of multiple slices.

Then TRM action 'Update CO' can be used to update the facts attached to the carrier – the contract object. This action has the advantage over 'Update TOBL' that it can also update facts other than fact type RG01.

Due to the data model of facts, line items of the facts table (DFACTS) have to be prepared carefully before the 'Update CO' is triggered.

BAPI_CTRACPSOBJECT_FACTS and DFACTS

As part of the interface of the action 'Update CO', facts-to-be-updated have to be prepared according to type BAPI_CTRACPSOBJECT_FACTS, which is slightly different to the facts table DFACTS.

The most prominent attribute is ACTIVITY under BAPI_CTRACPSOBJECT_FACTS. It defines how the line is treated in the update function. Domain PS_BAPI_FACT_AKTYP contains the details. **Leaving it empty means the corresponding line in the FACTS table shall be updated according to the given line, if found.** The activities can be cross checked with the backend transaction PSOBWORK where the facts can be directly edited.

Fix values for the domain:

RT	Repeat Fact Type Line
RC	Repeat Fact Category Line
DT	Delete Repetition of Fact Type Line
DC	Delete Repetition of Fact Category Line
SP	Split time dependency of Fact Type
ML	Move time dependency lower period
MU	Move time dependency upper period
DL	Delete current validity period and move lower one

Case Study - Change of Periodicity

Sometimes a taxpayer is required to change the filing periodicity.

See example 3 above.

An original tax obligation for monthly filing from 1.1.2006 to 31.12.2006 is changed to 2 slices:

- Monthly filing from 1.1.2006 to 30.6.2006 and
- Quarterly filing from 1.7.2006 to 31.12.2006

Sample BRFplus configuration could be like the following:

Rule Type	Rule Description	References
Expr-Table Operation	Change DFACTS after processing expression READ_FACT_PERIOD_TO	
	In the facts table, 'period to' has fact category sequence '60', under fact type 'RG01' *	
Initialization	Initialize value of LS_FACTS-ACTIVITY Change	meant for update of the existing line
Assign Context	Change LS_FACTS-CONTRACT_OBJECT_KEY from context element SYS_FORM_BUNDLE-REG_ID	set the carrier object
Assign Context	Change LS_FACTS-FACT_TYPE_SEQUENCE from context element DFACTS-FACT_TYPE_SEQ	set the fact type sequence number
Assign Context	Change LS_FACTS-FACT_TYPE_REPETITION from context element DFACTS-FACT_TYPE_REP	set the fact type repetition number
Assign Context	Change LS_FACTS-FACT_CATEGORY_SEQUENCE to '82' *	for fact category 'date to' specifically
Assign Context	Change LS_FACTS-FACT_CATEGORY_REPETITION	

	to '0000'	
Assign Context	Change LS_FACTS-VALUE_GENERIC from context element SYS_FORM_BUNDLE-APPLY_TO	
Expr-Procedure Call		convert ISO date format to ABAP internal format**
Assign Context	Change LS_FACTS-VALUE_GENERIC from converted date format	
Expr-Procedure Call		convert YMD date format to DMY date format***
Assign Context	Change LS_FACTS-VALID_TO_DATE_KEY to 31.12.9999	
Assign Context	Insert LS_FACTS to table object LT_FACTS	
Assign Context	Change LS_FACTS-FACT_CATEGORY_SEQUENCE to '60'	for fact category 'period to' specifically
Assign Context	Change LS_FACTS-VALUE_GENERIC from context element SYS_FORM_BUNDLE-PERIOD_KEY	
Assign Context	Change LS_FACTS-VALID_TO_DATE_KEY to 31.12.9999	
Assign Context	Change LS_FACTS-ACTIVITY to 'RT' ****	repeat fact type line
Assign Context	change LV_NEW_PERSL from the new period key crossing the periodicity	get the quarterly based period key after the current monthly one
Expr-Procedure Call		get the new period key
Expr-Loop	loop the existing RG01 within table LT_FACTS	
Assign Context		Change LS_FACTS-FACT_TYPE_SEQUENCE from value of LT_FACTS-FACT_TYPE_SEQ
Assign Context		Change LS_FACTS-FACT_TYPE_REPETITION to new fact repetition number
Expr-Procedure Call		increment the existing fact repetition number
		new fact type repetition shall be '0002' instead of '0001'
Assign Context		Change LS_FACTS-FACT_CATEGORY_SEQUENCE from LT_FACTS-FACT_CAT_SEQ
Assign Context		Change LS_FACTS-FACT_CATEGORY_REPETITION from LT_FACTS-FACT_CAT_REP
Assign Context		Change LS_FACTS-VALID_TO_DATE_KEY to 31.12.9999

Assign Context		Change LS_FACTS-VALUE_GENERIC according to fact category sequence	
Expr-Decision Table			when '83' return 'MO'
			when '81' return LV_NEW_DATE_FROM
			when '50' return period key
Assign Context		Change LS_FACTS-VALUE_GENERIC in other cases not included above	
Expr-Formula			return the VALUE_GENERIC directly
Rule		If	fact category sequence equals to 81 or 82 and value_generic is not initial
Assign Context		Then	convert date format in VALUE_GENERIC
Expr-Procedure Call			convert ISO date format to ABAP internal format
Assign Context		insert LS_FACTS to table LT_FACTS	
Initialization		Initialize LS_FACTS-ACTIVITY	
Act-Update Co		update CO with facts prepared from above	

(Table 6)

* Refer to table 1 for the mapping between the fact category and its sequence

** In BRFplus, date format by default is represented in ISO format. Year/Month/Day are separated by "-". This shall be converted to ABAP internal format for further processing. Sample source code could be like the following:

```

FUNCTION Z_CONVERT_DATE_NO_ISO.
  *-----
  * * * * * Local Interface:
  * *   IMPORTING
  * *     REFERENCE (IV_ISO_SOURCE_DATE) TYPE IF_FDT_TYPER=>ELEMENT_TEXT
  * *   EXPORTING
  * *     REFERENCE (EV_TARGET_DATE) TYPE IF_FDT_TYPER=>ELEMENT_TEXT
  * *-----

data: lt_temp TYPE TABLE OF string,
      ls_temp TYPE string.

split IV_ISO_SOURCE_DATE AT '-' INTO TABLE lt_temp.
LOOP AT lt_temp INTO ls_temp.
  EV_TARGET_DATE = ls_temp && EV_TARGET_DATE.
ENDLOOP.
ENDFUNCTION

```

*** It is crucial to check the date format within the system to see what format is expected from the backend
 **** Setting BAPI_CTRACPSOJECT_FACTS-ACTIVITY to 'RT' means adding one more repetition of the fact type. There is no need to prepare multiple lines with 'RT' in *activity*.

Update Tax Obligation RG01 with the other FACTS

The tax obligation data is normally not the only data carried by the contract object. A customer may well put a lot other business attributes together with the facts concept. E.g. arbitrary taxable unit(s) such as business size, turn-over amount or process related values such as de-registration reason.

The example below is about an update of a De-Registration Reason defined in a separate Fact Type.

First De-Registration

During the first registration, an empty RG02 for de-registration reason is maintained. The valid_from / valid_to are set by default as 0 to 99991231235959.

...JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC...
FACTS for Registration + empty De-Registration											

In the DFACTS table for the De-Registration:

VALID FROM	VALID TO	FACT SET	FACT TYPE	FACT CAT	VALUE GENERIC
0	99.991.231.235.959	RG02	DREG	0027	

When the first de-registration comes in, it means a non-empty de-registration reason shall be set around an effective date. This is done through filling a split date.

The set-up is similar to table 6, but SPLIT_DATE_NEW shall be filled with the de-registration (split) date.

For example, the first de-registration comes in with de-registration reason **1** effective **since 31.3.2011**, then the parameters of the line BAPI_CTRACPSOJECT_FACTS would be like:

ACTIVITY: 'ML' meaning 'from the lower period',
 SPLIT_DATE_NEW: 31.3.2011
 VALUE_GENERIC: 1

or if the de-registration is effective **until 31.3.2011**, then the parameters would be like:

ACTIVITY: 'MU' meaning 'valid until the upper period'
 SPLIT_DATE_NEW: 31.3.2011
 VALUE_GENERIC: 1

After execution, for the 1st case, DFACTS will be updated to:

VALID FROM	VALID TO	FACT SET	FACT TYPE	FACT CAT	VALUE GEN
20.110.331.000.000	99.991.231.235.959	RG02	DREG	0027	1

...JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC...
			De-Registration								

For the 2nd case:

VALID FROM	VALID TO	FACT SET	FACT TYPE	FACT CAT	VALUE GEN
0	20.110.331.235.959	RG02	DREG	0027	1

...JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC...
De-Registration											

Second De-Registration without Time Gaps

After the first de-registration, the taxpayer can register again and de-register again. If the second registration has no time gap with the first one, we can first de-limit the VALID_TO by the date of the 2nd de-registration, and set the split date by the date of the 1st de-registration.

...JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC...
1 st De-Registration with reason 1			2 nd De-Registration with reason 2								

As there are 2 de-registration entries, BAPI_CTRACPSOBJECT_FACTS will contain 2 lines, with respective parameters like the following:

```
ACTIVITY:      'MU'
SPLIT_DATE_NEW: 31.8.2011
VALID_TO_DATE: 31.3.2011
VALUE_GENERIC: 1
```

That is:

...JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC...
1 st De-Registration with reason 1											

Then:

```
ACTIVITY:      'SP' meaning split the time
SPLIT_DATE_NEW: 31.3.2011
VALID_TO_DATE: 31.8.2011
VALUE_GENERIC: 2
```

That is:

...JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC...
1 st De-Registration with reason 1			2 nd De-Registration with reason 2								

Second De-Registration with Time Gaps

In most cases, de-registration comes with the time gap.

...JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC...
1 st De-Registration			2 nd Registration			2 nd De-Registration					

Then we can first de-limit the VALID_TO by the date of the 2nd de-registration,

ACTIVITY: 'MU'
SPLIT_DATE_NEW: 30.9.2011
VALID_TO_DATE: 31.3.2011
VALUE_GENERIC: 1

That is:

...JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC...
1 st De-Registration with reason 1											

Then split the date for the 2nd registered period,

ACTIVITY: 'SP'
SPLIT_DATE_NEW: 31.3.2011
VALID_TO_DATE: 30.9.2011
VALUE_GENERIC: (empty)

That is:

...JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC...
1 st De-Registration with reason 1			2 nd Registration								

Then split the 2nd part for the 2nd de-registration reason,

ACTIVITY: 'SP'
SPLIT_DATE_NEW: 30.6.2011
VALID_TO_DATE: 30.9.2011
VALUE_GENERIC: 2

That is:

...JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC...
1 st De-Registration with reason 1			2 nd Registration			2 nd De-Registration with reason 2					

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