# What are specifics concerning the creation of new master data?

## Applies to

SAP NetWeaver Business Warehouse 7.30 (BW7.30) SP05 with SAP NetWeaver Business Warehouse Accelerator 7.20 (BWA7.20) or HANA 1.0 running as a database for SAP NetWeaver BW 7.3 SP05

## Summary

This article describes some specifics concerning the creation of master data in the BW Workspace context. It addresses the Business Warehouse Administrator as well as the Business Analyst in the line of business. As a prerequisite we recommend reading the article 'What is a BW Workspace?' and 'How can Central and Local Provider easily be combined?' from this article series.

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Company:   SAP AG

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## Author Biography

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Silvia Bratz joined SAP 13 years ago and began working as a technical SAP consultant for Business Intelligence. Today, she is a member of the BWA and Data Management team.

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## 1.    Introduction

A BW Workspace is a kind of 'small sandbox' which IT defines. IT sets the boundaries, IT sets the amount of resources that a BW Workspace can consume and exposes some of the central data models to the BW Workspace (data of the models and their related semantics). The BW Workspace exposes the central data in a logical fashion only. The data is not copied over into the BW Workspace, which means that no data replication is needed.
The goal is to enable the Key Business Users to use this functionality in a dedicated and separated environment, which is deeply embedded and integrated in the existing BW landscape. The BW Workspaces bridge the gap between the architected and the departmental data marts. Therefore, Workspaces are integrated, independent and, as the usage of the SAP Business Warehouse Accelerator is mandatory, they are completely in-memory.

## 2.    SID creation and Master Data

New characteristic values which are not yet known to the BW system can been introduced by uploading a file to a Local Provider in a BW Workspace.

In a BW Workspace the Administrator has the option to allow the creation of master data for this BW Workspace. This can be achieved by setting the flag 'Creation of Master Data is Allowed'.

Per default the flag is not set. This means that a CompositeProvider where a Data Provider with new master data is combined with a UNION operation cannot be activated in the BW Workspace when the field link takes place with an InfoObject where the characteristic values of the new data are not available in the BW master data table.

When adding and combining local data in a BW Workspace where the flag is set (creation allowed), SIDs are created at Query runtime for characteristic values which are not available in the master data tables of the central BW system. We can distinguish between SID creation and visibility of master data in the F4 help.

SID creation

New SIDs are always generated at Query runtime in case:

- It is explicitly allowed via the setting in the BW Workspace maintenance AND
- The field has been linked with a BW InfoObject AND
- There is no SID for these characteristic values of this InfoObject in the master data table available yet AND
- The binding type is UNION AND
- The master data has no SID convert* (SID convert happens with InfoObjects with data type 'NUMC' and with a length <= 9)

*Even in the case of master data where the SID convert takes place SIDs are created when in a query the option 'Keep Filter Value' is chosen. This behaviour cannot be avoided - also not if the creation of master data is not allowed in the BW Workspace maintenance.

New SIDs are always generated at Query runtime in case:

- The binding type is JOIN AND
- An InfoObject has been assigned to a field during upload to a Local Provider which does not represent a join condition, i.e. which is used as a dedicated field for display and navigation AND
- The master data has no SID convert* (SID convert happens with InfoObjects with data type 'NUMC' and with a length <= 9).

*Even in the case of master data where the SID convert takes place SIDs are created when in a query the option 'Keep Filter Value' is chosen. This behaviour cannot be avoided - also not if the creation of master data is not allowed in the BW Workspace maintenance.

Master Data in F4 Help

Under some circumstances also the master data is available in the F4-help (type 'M') although the flags in the SID tables (CHCKFL, DATAFL, INCFL) are not set. This is the case when the BW Accelerator is used and master data is explicitly indexed (F4 Input Help). New entries in the SID table generally lead to new entries in the RSDDTREXNEWSID table. When theses entries are indexed again automatically via the master data daemon, these master data values are visible when searching with F4-help (type 'M').

In the BW on HANA use case the values are not visible after having executed a query on the CompositeProvider (SID table flags are not set). The system in this case behaves like a database without BWA.

## 3.    Creation of Master Data not allowed (UNION)

### 3.1.    InfoObject 'Customer ID'

In this scenario example a Local Provider is linked to a MultiProvider with a UNION operation. The field link is the 'CUSTOMER ID'. The Local Provider contains Customer IDs which are not contained in the master data table. The InfoObject 'WSP_CUST' has a BWA index (F4 Input Help).

The InfoObject 'Customer ID' contains the following characteristic values/SIDs (/BIC/SWSP_CUST):

| Customer ID | SID | Flag: Value in check tables | Flag: Value in dimension or available as | Flag: Value is built into all inclusion |
|---|---|---|---|---|
| | 0 | X | X | X |
| ABI | 49 | X | X | X |
| ALBI NORD | 2 | X | X | X |
| ALBI SUED | 3 | X | X | X |
| APEL AG | 4 | X | X | X |
| BASEL | 5 | X | X | X |
| BELDE | 6 | X | X | X |
| BERLIN | 7 | X | X | X |
| BESTEASTER | 8 | X | X | X |
| CHEAP | 9 | X | X | X |
| CHOWWAN | 10 | X | X | X |
| CUCUCULA | 11 | X | X | X |
| DAMLER | 12 | X | X | X |
| DB | 13 | X | X | X |
| FARD | 14 | X | X | X |
| FRANKFURT | 15 | X | X | X |
| GLUGGLUG | 16 | X | X | X |
| HALTON | 17 | X | X | X |
| HAMBURG | 18 | X | X | X |
| HEIDELBERG | 19 | X | X | X |
| HEXMEX | 20 | X | X | X |
| HIRSCH | 21 | X | X | X |
| HITTIAG | 22 | X | X | X |
| HOLIDAYOUT | 23 | X | X | X |
| HURNBACHER | 24 | X | X | X |
| INTERCONT | 25 | X | X | X |
| KIOSKAG | 26 | X | X | X |
| KOELN | 27 | X | X | X |
| LADL | 28 | X | X | X |
| MATRO | 29 | X | X | X |
| MAYER | 30 | X | X | X |
| MCDOLD | 31 | X | X | X |
| MENEKEN | 32 | X | X | X |
| MULTIMARKT | 33 | X | X | X |
| MUNICH | 34 | X | X | X |
| PAPSICO | 35 | X | X | X |
| PARK | 36 | X | X | X |
| REWA | 37 | X | X | X |
| SAP | 38 | X | X | X |
| SCHLUCK | 39 | X | X | X |
| SCHLUCKER | 40 | X | X | X |
| SPECHT | 41 | X | X | X |
| SPUR | 42 | X | X | X |
| STEAKS | 43 | X | X | X |
| STUTTGART | 44 | X | X | X |
| TRUESTEIN | 45 | X | X | X |
| WV AG | 46 | X | X | X |
| ZAPFLE | 47 | X | X | X |
| ZUERICH | 48 | X | X | X |

## 3.2. Local Flat Files

The local flat file 'Customer_ABC' contains the key 'Customer' as well as the customer ABC Rating information.

| Customer | Industry Segment |
|---|---|
| ABI | BEVERAGE |
| ALBI NORD | CATERING |
| ALBI SUED | BEVERAGE |
| APEL AG | CATERING |
| BASEL | BEVERAGE |
| BELDE | CATERING |
| BERLIN | BEVERAGE |
| BESTEASTER | CATERING |
| CHEAP | BEVERAGE |
| CHOWWAN | CATERING |
| CUCUCULA | BEVERAGE |
| DAMLER | CATERING |
| DB | BEVERAGE |
| FARD | CATERING |
| FRANKFURT | BEVERAGE |
| GLUGGLUG | CATERING |
| HALTON | BEVERAGE |
| HAMBURG | CATERING |
| HEIDELBERG | BEVERAGE |
| HEXMEX | CATERING |
| HIRSCH | BEVERAGE |
| HITTIAG | CATERING |
| HOLIDAYOUT | BEVERAGE |
| HURNBACHER | CATERING |
| INTERCONT | BEVERAGE |
| KIOSKAG | CATERING |
| KOELN | BEVERAGE |
| LADL | CATERING |
| MATRO | BEVERAGE |
| MAYER | CATERING |
| MCDOLD | BEVERAGE |
| MENEKEN | CATERING |
| MULTIMARKT | BEVERAGE |
| MUNICH | CATERING |
| PAPSICO | BEVERAGE |
| PARK | CATERING |
| REWA | BEVERAGE |
| SAP | CATERING |
| SCHLUCK | BEVERAGE |
| SCHLUCKER | CATERING |
| SPECHT | BEVERAGE |
| SPUR | CATERING |
| STEAKS | BEVERAGE |
| STUTTGART | CATERING |
| TRUESTEIN | BEVERAGE |
| WV AG | CATERING |
| ZAPFLE | BEVERAGE |
| ZUERICH | CATERING |
| REWO | BEVERAGE |
| CACO | CATERING |

In addition to the characteristic values in the BW master data tables, the Excel contains the characteristic values 'REWO' and 'CACO'.

## 3.3.　BW Workspace Maintenance

The first example shows the system behavior when the creation of master data in the BW Workspace is not allowed. In this case the 'Setting for CompositeProviders' does not allow the creation of master data.

| Workspace | SID_CREATION | | |
|---|---|---|---|
| Description | SID creation not allowed | | |
| Object Status | 🔵 Active | | |
| Last changed by | BRATZS | Changed On | 27.10.2011 13:18:29 |

**Settings** | Central Providers | Local Providers | CompositeProviders | Users

**General Settings**

| Validity: Expiry Date | 31.12.9999 |
|---|---|
| Workspace Prefix | SID |
| Contact 1 | BRATZS |
| Contact 2 | BRATZS |

**Settings for Central Providers**

| MultiProvider | WSP_SAL_M |
|---|---|
| Description | WSP Sales MultiProvider |

**Settings for Local Providers**

| Maximum Memory | 70 MB | 🟩 | 0,0 MB |
|---|---|---|---|
| Maximum Number of Providers | 70 | 🟩 | 0 |
| ☑ Data Backup | | | |

**Settings for CompositeProviders**

☐ Creation of Master Data Allowed
☐ Non-Unique Join Columns Allowed

**Folder**

| Folder | SB |
|---|---|
| Description | SB Folder |

## 3.4. BWA Index

A BWA Index has been created for InfoObject 'WSP_CUST'.
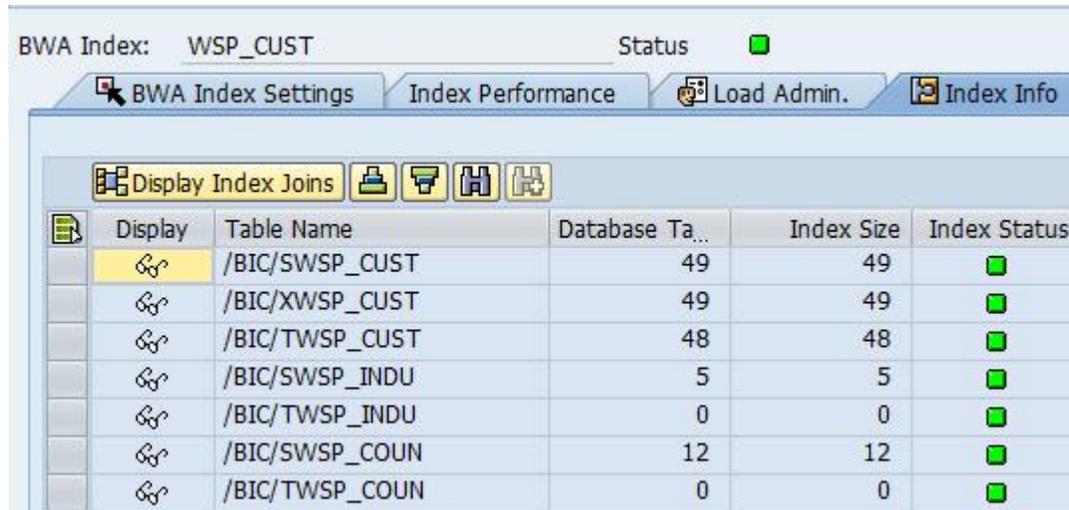
| BWA Index: | WSP_CUST | Status | ■ |

| | Display | Table Name | Database Ta... | Index Size | Index Status |
|---|---|---|---|---|---|
| | 👓 | /BIC/SWSP_CUST | 49 | 49 | ■ |
| | 👓 | /BIC/XWSP_CUST | 49 | 49 | ■ |
| | 👓 | /BIC/TWSP_CUST | 48 | 48 | ■ |
| | 👓 | /BIC/SWSP_INDU | 5 | 5 | ■ |
| | 👓 | /BIC/TWSP_INDU | 0 | 0 | ■ |
| | 👓 | /BIC/SWSP_COUN | 12 | 12 | ■ |
| | 👓 | /BIC/TWSP_COUN | 0 | 0 | ■ |

## 3.5. CompositeProvider Check

When combining the Local Provider with the MultiProvider via the field link on 'WSP_CUST' the following error message is displayed when the CompositeProvider is checked or shall be activated.
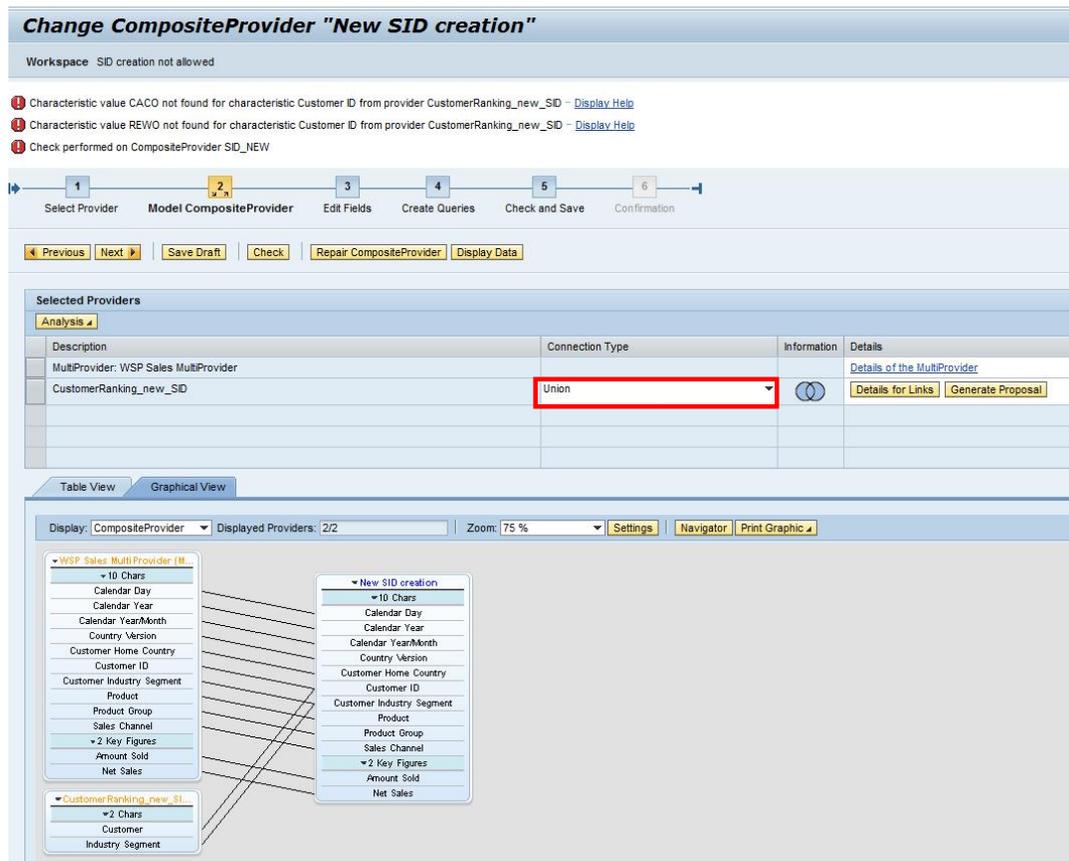
### Change CompositeProvider "New SID creation"

Workspace  SID creation not allowed

🔴 Characteristic value CACO not found for characteristic Customer ID from provider CustomerRanking_new_SID – Display Help
🔴 Characteristic value REWO not found for characteristic Customer ID from provider CustomerRanking_new_SID – Display Help
🔴 Check performed on CompositeProvider SID_NEW

| 1 | 2 | 3 | 4 | 5 | 6 |
| Select Provider | Model CompositeProvider | Edit Fields | Create Queries | Check and Save | Confirmation |

◀ Previous | Next ▶ | Save Draft | Check | Repair CompositeProvider | Display Data

**Selected Providers**

Analysis ▲

| Description | Connection Type | Information | Details |
|---|---|---|---|
| MultiProvider: WSP Sales MultiProvider | | | Details of the MultiProvider |
| CustomerRanking_new_SID | Union ▼ | ◯◯ | Details for Links  Generate Proposal |

Table View | Graphical View

Display: CompositeProvider ▼ | Displayed Providers: 2/2 | Zoom: 75 % ▼ | Settings | Navigator | Print Graphic ▲

WSP Sales MultiProvider (M...
▾10 Chars
Calendar Day
Calendar Year
Calendar Year/Month
Country Version
Customer Home Country
Customer ID
Customer Industry Segment
Product
Product Group
Sales Channel
▾2 Key Figures
Amount Sold
Net Sales

▾New SID creation
▾10 Chars
Calendar Day
Calendar Year
Calendar Year/Month
Country Version
Customer Home Country
Customer ID
Customer Industry Segment
Product
Product Group
Sales Channel
▾2 Key Figures
Amount Sold
Net Sales

▾CustomerRanking_new_SI...
▾2 Chars
Customer
Industry Segment

The long text of the message reports the following:
<<<Characteristic value CACO not found for characteristic Customer ID from provider CustomerRanking_new_SID
Message no. RSDD_LM124
Diagnosis
The characteristic value does not exist in the characteristic's master data table. This value could not therefore be transformed into the internal SID.
Procedure
Check whether the value is correct. If it is correct, you need to generate the associated master data. For characteristics 0FISCPER and 0FISCYEAR, note that there must be a corresponding fiscal year variant (see table T009). There must also be units in table T006 and currencies in table TCURC.
This CompositeProvider cannot be activated.>>>

In such a case you have to decide how to proceed. Either you ask the BW Administrator if he can allow the creation of master data by setting the flag accordingly or you are in general only allowed to use master data which exists in the SAP Business Warehouse already. In this case you have to adjust your data in the flat file and upload only existing characteristic values.

## 4. Creation of Master Data allowed (UNION)

### 4.1. InfoObject 'Customer ID'

In this scenario example a Local Provider is linked to a MultiProvider with a UNION operation. The field link is the 'CUSTOMER ID'. The Local Provider contains Customer IDs which are not contained in the master data table. The InfoObject 'WSP_CUST' has a BWA index (F4 Input Help).

The InfoObject 'Customer ID' contains the following characteristic values/SIDs (/BIC/SWSP_CUST):

| Customer ID | SID | Flag: Value in check tables | Flag: Value in dimension or available as | Flag: Value is built into all inclusion |
|---|---|---|---|---|
| | 0 | X | X | X |
| ABI | 49 | X | X | X |
| ALBI NORD | 2 | X | X | X |
| ALBI SUED | 3 | X | X | X |
| APEL AG | 4 | X | X | X |
| BASEL | 5 | X | X | X |
| BELDE | 6 | X | X | X |
| BERLIN | 7 | X | X | X |
| BESTEASTER | 8 | X | X | X |
| CHEAP | 9 | X | X | X |
| CHOWWAN | 10 | X | X | X |
| CUCUCULA | 11 | X | X | X |
| DAMLER | 12 | X | X | X |
| DB | 13 | X | X | X |
| FARD | 14 | X | X | X |
| FRANKFURT | 15 | X | X | X |
| GLUGGLUG | 16 | X | X | X |
| HALTON | 17 | X | X | X |
| HAMBURG | 18 | X | X | X |
| HEIDELBERG | 19 | X | X | X |
| HEXMEX | 20 | X | X | X |
| HIRSCH | 21 | X | X | X |
| HITTIAG | 22 | X | X | X |
| HOLIDAYOUT | 23 | X | X | X |
| HURNBACHER | 24 | X | X | X |
| INTERCONT | 25 | X | X | X |
| KIOSKAG | 26 | X | X | X |
| KOELN | 27 | X | X | X |
| LADL | 28 | X | X | X |
| MATRO | 29 | X | X | X |
| MAYER | 30 | X | X | X |
| MCDOLD | 31 | X | X | X |
| MENEKEN | 32 | X | X | X |
| MULTIMARKT | 33 | X | X | X |
| MUNICH | 34 | X | X | X |
| PAPSICO | 35 | X | X | X |
| PARK | 36 | X | X | X |
| REWA | 37 | X | X | X |
| SAP | 38 | X | X | X |
| SCHLUCK | 39 | X | X | X |
| SCHLUCKER | 40 | X | X | X |
| SPECHT | 41 | X | X | X |
| SPUR | 42 | X | X | X |
| STEAKS | 43 | X | X | X |
| STUTTGART | 44 | X | X | X |
| TRUESTEIN | 45 | X | X | X |
| WV AG | 46 | X | X | X |
| ZAPFLE | 47 | X | X | X |
| ZUERICH | 48 | X | X | X |

## 4.2. Local Flat Files

The local flat file 'Customer_ABC' contains the key 'Customer' as well as the customer ABC Rating information.

| Customer | Industry Segment |
|---|---|
| ABI | BEVERAGE |
| ALBI NORD | CATERING |
| ALBI SUED | BEVERAGE |
| APEL AG | CATERING |
| BASEL | BEVERAGE |
| BELDE | CATERING |
| BERLIN | BEVERAGE |
| BESTEASTER | CATERING |
| CHEAP | BEVERAGE |
| CHOWWAN | CATERING |
| CUCUCULA | BEVERAGE |
| DAMLER | CATERING |
| DB | BEVERAGE |
| FARD | CATERING |
| FRANKFURT | BEVERAGE |
| GLUGGLUG | CATERING |
| HALTON | BEVERAGE |
| HAMBURG | CATERING |
| HEIDELBERG | BEVERAGE |
| HEXMEX | CATERING |
| HIRSCH | BEVERAGE |
| HITTIAG | CATERING |
| HOLIDAYOUT | BEVERAGE |
| HURNBACHER | CATERING |
| INTERCONT | BEVERAGE |
| KIOSKAG | CATERING |
| KOELN | BEVERAGE |
| LADL | CATERING |
| MATRO | BEVERAGE |
| MAYER | CATERING |
| MCDOLD | BEVERAGE |
| MENEKEN | CATERING |
| MULTIMARKT | BEVERAGE |
| MUNICH | CATERING |
| PAPSICO | BEVERAGE |
| PARK | CATERING |
| REWA | BEVERAGE |
| SAP | CATERING |
| SCHLUCK | BEVERAGE |
| SCHLUCKER | CATERING |
| SPECHT | BEVERAGE |
| SPUR | CATERING |
| STEAKS | BEVERAGE |
| STUTTGART | CATERING |
| TRUESTEIN | BEVERAGE |
| WV AG | CATERING |
| ZAPFLE | BEVERAGE |
| ZUERICH | CATERING |
| REWO | BEVERAGE |
| CACO | CATERING |

In addition to the characteristic values in the BW master data tables, the Excel contains the characteristic values 'REWO' and 'CACO'.

## 4.3. BW Workspace Maintenance



In the following case the administrator sets the flag to 'Master Data creation allowed' see picture above.

## 4.4. CompositeProvider Check



The same message appears as in chapter 3.3., where the creation of master data has not been allowed, but this time the message is just for information and not an error message which used to prevent the activation of the CompositeProvider.

## 4.5. Query Execution



| Amount Sold | Net Sales | |
|---|---|---|
| **Customer ID** | | **EUR** |
| ABI Shops | 253 | 159.550,00 |
| ABLI Sued | 466 | 291.180,00 |
| ALBI Nord | 450 | 266.000,00 |
| Belde Brewery | 252 | 160.520,00 |
| Best Eastern Hotels | 289 | 176.080,00 |
| Brewery GLUGGLUG | 253 | 153.360,00 |
| Brewery Mayer | 256 | 153.360,00 |
| Brewery Schluck | 267 | 166.780,00 |
| Brewery Specht | 266 | 158.510,00 |
| CACO | 0 | 0,00 |
| Cheap-Hotels | 294 | 179.620,00 |
| CHOWWAN Asia Imbiss | 398 | 243.860,00 |
| City of Basel | 275 | 172.650,00 |
| City of Berlin | 313 | 186.690,00 |
| City of Frankfurt | 296 | 180.460,00 |
| City of Hamburg | 278 | 167.720,00 |
| City of Heidelberg | 334 | 208.020,00 |
| City of Koeln | 366 | 232.420,00 |
| City of Stuttgart | 390 | 248.130,00 |
| City of Zuerich | 453 | 286.880,00 |
| DAMLER Cars Group | 241 | 145.200,00 |
| Deutsche Bahn | 12 | 6.840,00 |
| Halton Hotels | 318 | 197.350,00 |
| HEXMEX Food | 428 | 263.140,00 |
| Holiday Out Hotels | 324 | 200.510,00 |
| Hurnbacher | 256 | 158.270,00 |
| InterCont-Hotels | 334 | 206.810,00 |
| Ladl AG | 559 | 347.140,00 |
| McDold Chain | 254 | 169.080,00 |
| Multimarkt | 276 | 171.130,00 |
| PapsiCo | 752 | 467.890,00 |
| Rest. Blauer Hirsch | 243 | 147.650,00 |
| REWA | 289 | 180.000,00 |
| REWO | 0 | 0,00 |
| SAP AG | 251 | 157.140,00 |
| Schlosspark Hotel | 262 | 160.100,00 |
| Schlucker AG | 1.034 | 628.210,00 |
| Schwarzwald Zapfle | 313 | 200.220,00 |
| SPUR AG | 271 | 171.280,00 |
| The City of Munich | 338 | 209.260,00 |
| The CucuCula Comp. | 485 | 291.790,00 |
| The FARD experience | 288 | 181.530,00 |

When executing a query (in this case the standard query $SID_NEW) the new customers show up with value '0'.

## 4.6. InfoObject 'Customer ID'

When having a look into table /BIC/SWSP_CUST (filtered to C* and R*) we can see that entries with SIDs have been created for customers 'CACO' and 'REWO'.
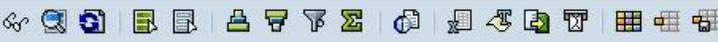


| Customer ID | SI.. | Flag: Value in check tables | Flag: Value in dimension or available as | Flag: Value is built into all inclusi.. |
|---|---|---|---|---|
| CACO | 50 | | | |
| CHEAP | 9 | X | X | X |
| CHOWWAN | 10 | X | X | X |
| CUCUCULA | 11 | X | X | X |
| REWA | 37 | X | X | X |
| REWO | 51 | | | |

## 4.7. Characteristic Values in Query Designer

The option not to allow 'master data creation' just prevents that SIDs are created. In reverse this does not necessarily mean that master data is created in P/Q tables when the flag in the BW Workspace Maintenance is set to 'allowed' – just new SIDs are created.

## 5. Creation of Master Data allowed (JOIN)

### 5.1. BW Workspace Maintenance

| Workspace | SID_CREATION | | | |
|---|---|---|---|---|
| Description | SID creation allowed | | | |
| Object Status | 🔴 Active | | | |
| Last changed by | BRATZS | Changed On | 27.10.2011 17:08:16 | |

| Settings | Central Providers | Local Providers | CompositeProviders | Users |
|---|---|---|---|---|

**General Settings**

| | | | |
|---|---|---|---|
| Validity: Expiry Date | 31.12.9999 | | |
| Workspace Prefix | SID | | |
| Contact 1 | BRATZS | 📋 | |
| Contact 2 | BRATZS | 📋 | |

**Settings for Central Providers**

| | |
|---|---|
| MultiProvider | WSP_SAL_M |
| Description | WSP Sales MultiProvider |

**Settings for Local Providers**

| | | | | |
|---|---|---|---|---|
| Maximum Memory | 70 | MB | 🟩 | 0,0 MB |
| Maximum Number of Providers | 70 | | 🟩 | 1 |
| ☑ Data Backup | | | | |

**Settings for CompositeProviders**

☑ Creation of Master Data Allowed
☐ Non-Unique Join Columns Allowed

**Folder**

| | |
|---|---|
| Folder | SB |
| Description | SB Folder |

In the following case the administrator sets the flag to 'Master Data creation allowed' see picture above.

## 5.2. Local Provider
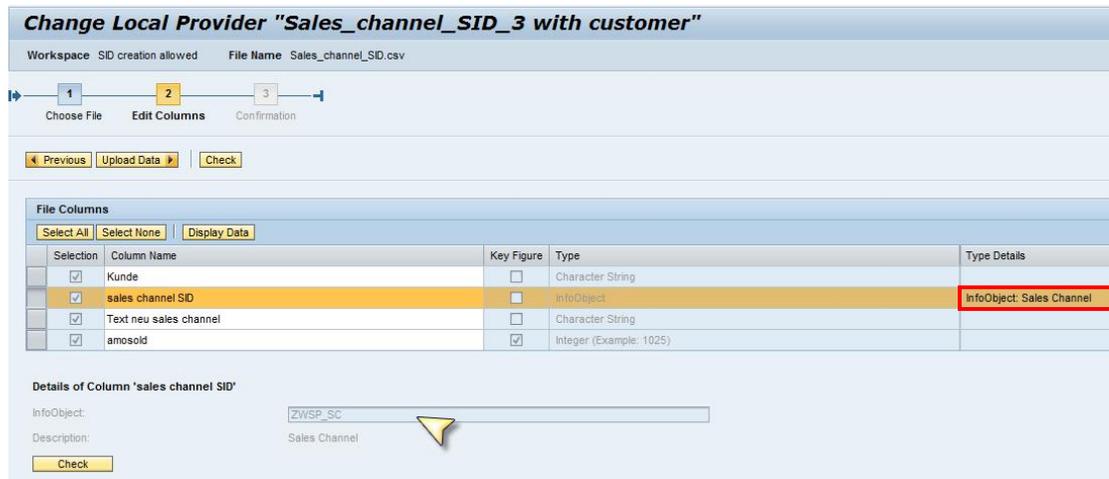


When uploading the Local Provider the InfoObject ZWSP_SC has been assigned to the field 'sales channel SID'. The InfoObject ZWSP_SC contained the following characteristic values:



The file to be uploaded contains the following data with 'R' additionally:

## 5.3. CompositeProvider Model and Check
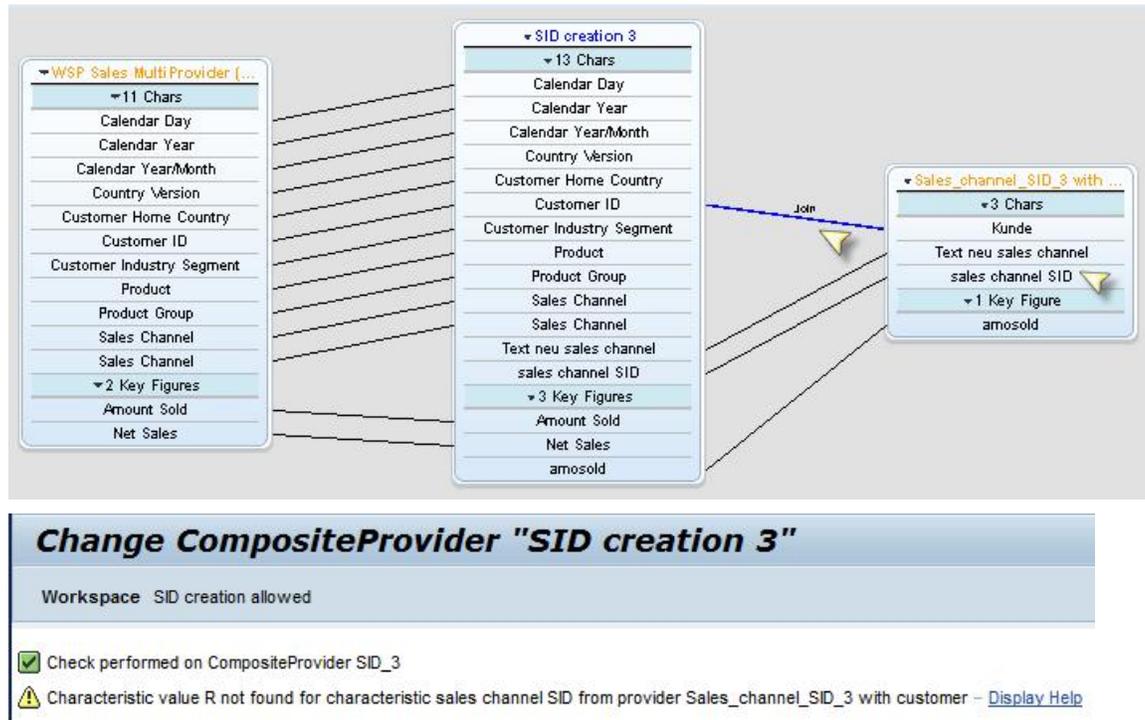




## Characteristic value R not found for characteristic sales channel SID from provider Sales_channel_SID_3 with customer

Message no. RSDD_LM124

### Diagnosis

The characteristic value does not exist in the characteristic's master data table. This value could not therefore be transformed into the internal SID.

### Procedure

Check whether the value is correct. If it is correct, you need to generate the associated master data. For characteristics 0FISCPER and 0FISCYEAR, note that there must be a corresponding fiscal year variant (see table T009). There must also be units in table T006 and currencies in table TCURC

## 5.4. InfoObject 'ZWSP_SC' after Query Execution

| sales channel SID | Customer ID | | amosold | Amount Sold | Net Sales |
|---|---|---|---|---|---|
| A | MATRO | The MATRO AG | 4 | 293 | 182.210,00 EUR |
| Q | LADL | Ladl AG | 6 | 559 | 347.140,00 EUR |
| R | MATRO | The MATRO AG | 2 | 293 | 182.210,00 EUR |
| X | BELDE | Belde Brewery | 3 | 252 | 160.520,00 EUR |
| Y | HEXMEX | HEXMEX Food | 5 | 428 | 263.140,00 EUR |
| Z | LADL | Ladl AG | 7 | 559 | 347.140,00 EUR |
| Overall Result | | | 27 | 1.532 | 953.010,00 EUR |

**Data Browser: Table /BIC/SZWSP_SC      8 Hits**

| Sales Chann.. | SI.. | Flag: Value in check tabl.. | Flag: Value in dimension or available as | Flag: Value is built into all inclusio.. |
|---|---|---|---|---|
| | 0 | X | X | X |
| A | 6 | | | |
| Q | 7 | | | |
| R | 8 | | | |
| S | 2 | | X | X |
| X | 3 | | | |
| Y | 4 | | | |
| Z | 5 | | | |

SID is entered in the master data table.

## 6. Related Content

http://scn.sap.com/community/netweaver-bw-accelerator

http://scn.sap.com/community/data-warehousing

http://help.sap.com/saphelp_nw73/helpdata/en/F3/8F492432354FDC913F93E8A2BED4A6/frameset.htm

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