

CUSTOMER

How-To Execute Field Extension of ACDOCU

SAP S/4HANA Finance for group reporting



Applies to:

This guide applies to the following SAP S/4HANA Finance for group reporting versions:

On Premise		
S4 1909- FPS01		
S4 2020- FPS00 & FPS01& FPS02		
S4 2021- FPS00 & FPS01& FPS02		

REVISION HISTORY

Date	Description	Version
23 - Aug-2021	Final Version	V1
23-Sep-2021	Updated Version	V2
13-Dec-2021	Updated Version	V3
09-Sep-2022	Add note in 1.1.10	V4
11-Oct-2022	Add information coding block chapter 1.2.5.1 and 1.2.5.2.	V5
21-Oct-2022	Add information in chaper 1.3.6. so that there is a reference to chapter from scenario 2	V6

Purpose:

This document intends to help customers and partners better understand custom dimension extension of table ACDOCU for consolidation processing and reporting. When designing the SAP S/4HANA system and the group reporting area, the focus was placed on the most common dimensions that are widely used according to experience. However, customers nowadays may have additional reporting requirements. Hence, there's now a demand for the extensibility of Universal Journal Table ACDOCA and Group Reporting Table ACDOCU.

TABLE OF CONTENTS

1	BACKGROUND INFORMATION	5
1.1	Scenario 1: Custom Field in ACDOCU and no relation to ACDOCA	5
1.1.1	Create new custom field	5
1.1.2	Enable for UIs and reports	6
1.1.3	Enable the OData APIs	7
1.1.4	Enable the SOAP APIs	7
1.1.5	Enable for Business Scenarios	8
1.1.6	Save and publish	8
1.1.7	Maintain master data for extension fields	8
1.1.8	Upload RFD (insert this field in upload file)	9
1.1.9	Manual posting with usage of the custom field	. 10
1.1.10	Check the Group Data Analysis app	. 11
1.1.11	Availability in GRDC	. 11
1.1.11.1	Manual Data Entry – forms	. 11
1.1.11.2	Mapping from external source	. 11
1.1.11.3	Mapping from ACDOCA	. 11
1.2	Scenario 2: Custom Field in ACDOCA and ACDOCU	. 12
1.2.1	Create new custom field	. 12
1.2.2	Enable for UIs and reports	. 12
1.2.3	Enable the OData APIs	. 12
1.2.4	Enable the SOAP APIs	. 12
1.2.5	Enable for Business Scenarios	. 12
1.2.5.1	Enable UIs and reports for Accounting: Coding Block (until 2021 FPS1)	. 13
1.2.5.2	Enable UIs and reports for Accounting: Coding Block (as of 2021 FPS1)	. 13
1.2.6	Save and publish	. 13
1.2.7	Maintain master data for extension fields	. 13
1.2.8	Upload RFD (insert this field in upload file)	. 13
1.2.9	Manual posting with usage of the custom field	. 13
1.2.10	Check the Group Data Analysis app	. 13
1.2.11	Availability in GRDC	. 13
1.2.11.1	Manual Data Entry – forms	. 13
1.2.11.2	Mapping from external source	. 13
1.2.11.3	Mapping from ACDOCA	. 13
1.3	Scenario 3: Extend the existing Coding Block from ACDOCA to ACDOCU	. 14
1.3.1	Prerequisite	. 14
1.3.2	Create the same field with a check table in group reporting	. 15
1.3.3	Enable for UIs and reports	. 17
1.3.4	Enable the OData APIs	. 18
1.3.5	Enable the SOAP APIs	. 18
1.3.6	Enable for business scenarios	. 18
1.3.7	Save and publish	. 19
1.3.8	Maintain master data for extension fields	. 19
1.3.9	Upload RFD (insert this field in upload file)	. 19
1.3.10	Manual posting with usage of the custom field	. 19



1.3.11	Check the Group Data Analysis app	19
1.3.12	Availability in GRDC	19
1.3.12.1	Manual Data Entry – forms	19
1.3.12.2	Mapping from external source	19
1.3.12.3	Mapping from ACDOCA	19
2	ADDITIONAL INFORMATION	19
2.1	Limitations	19
2.2	Related Information	19

1 BACKGROUND INFORMATION

The following steps serve as a step-by-step guide for custom field extension. The following different use cases are covered:

- Scenario 1: Custom Field in ACDOCU and no relation to ACDOCA
- Scenario 2: Custom Field in ACDOCU and in ACDOCA
- Scenario 3: Extend the existing Coding Block from ACDOCA to ACDOCU

The SAP S/4HANA for group reporting 1909 FPS1 release and later releases include the following new and improved key features:

 The extensibility framework was introduced, allowing you to define your own custom fields and use them in the consolidation process. Once the fields are created and activated, they behave similarly to standard delivered fields. Therefore, upload, process, and report data on additional extended fields are supported.

Prerequisite:

Log on with user role SAP_BASIS_BCG_EXT, and the business catalog SAP_BASIS_BC_EXT is assigned.

1.1 Scenario 1: Custom Field in ACDOCU and no relation to ACDOCA

1.1.1 Create new custom field

o Start the Custom Fields app from the Fiori launchpad



- o Create
- Insert Field Properties (example below for BRAND dimension)
- Create and Edit

New Field				
Field Properties				
Business Context:*	Group Reporting: Journal E	Entry Item		\sim
Label:*	BRAND			
Identifier:*	ZZ1_	BRAND		
Tooltip:*	BRAND			
Type:*	Text			\sim
Length:*	20			
e				
		Create	Create and Edit	Cancel

1.1.2 Enable for UIs and reports

In the UIs and Reports tab, you define/enable where the new custom field will be available based on the consolidation processing and reporting.

PIC JBW Box Reports: Journal Entry Image Point Threpdate (1) Reports (2) From Threpdate (1) Octobar APB (1) Solv PAPB (2) Barl Reports (2) From Threpdate (1) Octobar APB (1) Solv PAPB (2) Barl Reports (2) From Threpdate (1) Octobar APB (2) Barl Reports (2) From Threpdate (1) Octobar APB (2) Barl Reports (2) From Threpdate (1) Octobar APB (2) Barl Reports (2) From Threpdate (2)	BRAND			
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Brage Reporting Lawrall Brage Reports (20) Buildings Science (1) Octoba Ar/ls (1) Science (1) <t< td=""><td>ZZ1_BRAND</td><td></td><td></td><td></td></t<>	ZZ1_BRAND			
	Group Reporting: Journal Entry Item			
Using Reports Yubiky Control Search Reivence Pricipation Consolidation - Reiseade Reported Data Databel Emails Consolidation - Reiseade Reported	General Information UIs and Reports (20) Email Templates (0) Form Templates (0) Business Scenarios (1) OData APIs (1) SOAP APIs (2) BAPIs (0) IDocs (0)			
Description Vability Control Search Relevance Field Usage Consolidation - Released Reported Data Databot Enabled <	UIs and Reports			
Considiation - Relaxed Reported Data Dialadad Ender Val Consumption view for cryst transition Dialadad Ender Val Consumption view for cryst transition Dialadad Ender Val Consumption view for data collection Dialadad Ender Val Consumption view for restassitication Dialadad Ender Val Grup Data Analysis Dialadad Ender Val Grup Data Analysis Colle Dialadad Ender Val Local/Grup Data Analysis Colevy Dialadad End	Description Visibility Control	Search Relevance	Field Usage	
Considiation - Released Reported Data Databated Finale Part Consumption view for crep translation Databated Finale Part Consumption view for dranslation Databated Finale Part Consumption view for resultation Databated Finale Part Goup Data Analysis Cube Databated Finale Part Consumption view for Extension Databated Finale Part Consumetextensine Finale Part Finale	Consolidation - Released Reported Data		Disabled	Enable Usage
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Consumption view for data collection Databated Each databated Consumption view for manual journal entr Databated Each databated Consumption view for reclassification Databated Each databated Group Data Analysis Group Data Analysis Databated Each databated Group Data Analysis Databated Each databated Each databated Group Data Analysis Databated Databated Each databated Group Analysis Databated Databated Each databated Group Reporting Nulfied Selection for Extension Databated Each databated Journal Entry Item Databated Each databated Each databated Local/Group Data Analysis Query with Reporti	Consumption view for crcy translation		Disabled	Enable Usage
Consumption view for manual journal entr Diababe Ended view Consumption view for reclassification Diababe Ended view Group Data Analysis Group Data Analysis Diababe Ended view Group Data Analysis Group Data Analysis Diababe Ended view Group Data Analysis Group Data Analysis Diababe Ended view Group Data Analysis Mith Reporting Rules Diababe Ended view Group Data Analysis Mith Reporting Rules Diababe Ended view Group Analysis Group Analysis Diababe Ended view Ended view Group Reporting Kulferd Selection for Extension Diababe Ended view Ended view Ended view Journal Entry Item Group Reporting Kulfs Group View Diababe Ended view Ended view Ended view Journal Entry Item Group Second Analysis Guery with Reporting Rules Diababe Ended view En	Consumption view for data collection		Disabled	Enable Usage
Consumption view for reclassification Diababed Ended View Group Data Analysis Group Data Analysis Cube Diababed Ended View Group Data Analysis Group Data Analysis Cube Diababed Ended View Group Data Analysis Group Data Analysis Diababed Ended View Group Data Analysis With Reporting Rules Diababed Ended View Group Analysis Mith Reporting Rules Diababed Ended View Group Analysis Diababed Ended View Ended View Group Reporting Viel/End Selection for Extension Diababed Ended View Ended View Journal Entry Item Diababed Ended View	Consumption view for manual journal entr		Disabled	Enable Usage
Group Data Analysis Group Analysis	Consumption view for reclassification		Disabled	Enable Usage
Group Data Analysis Cube Disable Q Enable QA Group Data Analysis – With Reporting Rules Disable QA Enable QA Group Journal Entry Item Disable QA Enable QA Group Reporting Validation View Disable QA Enable QA Journal Entry Item Disable QA Enable QA Journal Entry Item Disable QA Enable QA Journal Entry Item Enable QA Enable QA Local Group Data Analysis Query with Reporting Rules Disable QA Enable QA Matrix Consolidation Foundation Cube Disable QA Enable QA Matrix Consolidation Foundation Cube Disable QA Enable QA Native Consolidation Foundation Cube with Reporting Rules Disable QA Enable QA Native Consolidation Foundation Cube with Reporting Rules Disable QA Enable QA Native Consolidation Foundation Cube with Reporting Rules Disable QA Enable QA Native Consolidation Foundation Cube with Reporting Rules Disable QA Enable QA Native Consolidation Foundation Cube with Reporting Rules Disable QA Enable QA Native Consolidation Foundation Cube with Reporting Rules Disable QA Enable QA	Group Data Analysis		Disabled	Enable Usage
Group Data Analysis – With Reporting Rules Disable of Group Journal Entry Item Disable of Group Reporting Unified Selection for Extension Disable of Group Reporting Validation View Disable of Journal Entry Item Disable of Local/Group Data Analysis Outry Disable of Local/Group Data Analysis Outry with Reporting Rules Disable of Matrix Consolidation Foundation Cube Disable of Matrix Consolidation Foundation Cube with Reporting Rules Disable of Rotor Rop Group Journal Entry Item Disable of Local/Group Data Analysis Outry with Reporting Rules Disable of Matrix Consolidation Foundation Cube Disable of Rotor Rop Journal Entry Item Disable of Rotor Rop Journal Entr	Group Data Analysis Cube		Disabled	Enable Usage
Group Journal Entry Item Disabled Enable VA Group Reporting Unified Selection for Extension Disable VA Enable VA Group Reporting Validation View Disable VA Enable VA Journal Entry Item Enable VA Disable VA LocalGroup Data Analysis Query Disable VA Enable VA LocalGroup Data Analysis Query with Reporting Rules Disable VA Enable VA Matrix Consolidation Foundation Cube Disable VA Enable VA Matrix Consolidation Foundation Cube with Reporting Rules Disable VA Enable VA Query Reporting Rules Disable VA Enable VA Optional Entry Item Disable VA Enable VA CocalGroup Data Analysis Query with Reporting Rules Disable VA Enable VA Matrix Consolidation Foundation Cube Disable VA Enable VA Optional Entry Item Disable VA Enable VA Optional Entry Item Disable VA Enable VA Optional Entry Item Disable VA Enable VA Disable VA Disable VA Enable VA Disable VA Disable VA Enable VA Disable VA Disable VA Disab	Group Data Analysis – With Reporting Rules		Disabled	Enable Usage
Group Reporting Unified Selection for Extension Disabled Finable Val Group Reporting Validation View Disabled Finable Val Journal Entry Item Enable Val Disabled Disabled LocalGroup Data Analysis Query Disabled Disabled Finable Val LocalGroup Data Analysis Query with Reporting Rules Disabled Finable Val Matrix Consolidation Foundation Cube Disabled Finable Val Matrix Consolidation Foundation Cube with Reporting Rule Disabled Finable Val Post Group Journal Entries Disabled Finable Val	Group Journal Entry Item		Disabled	Enable Usage
Group Reporting Validation View Disabled Enable Validation View Journal Entry Item Enable Validation View Disabled Disable Validation View Local Group Data Analysis Query Disable Validation View Disable Validation View Enable Validation View Local Group Data Analysis Query with Reporting Rules Disable Validation View Disable Validation View Enable Validation View Matrix Consolidation Foundation Cube Disable Validation View Disable Validation View Enable Validation View Matrix Consolidation Foundation Cube with Reporting Rules Disable Validation View Enable Validation View Enable Validation View Consolidation Foundation Cube with Reporting Rules Disable Validation View Disable Validation View Enable Validation View Consolidation Foundation Cube with Reporting Rule Disable Validation View Disable Validation View Enable Validation View Consolidation Foundation Cube with Reporting Rule Disable Validation View Disable Validation View Enable Validation View Consolidation Foundation Cube with Reporting Rule Disable Validation View Disable Validation View Enable Validation View	Group Reporting Unified Selection for Extension		Disabled	Enable Usage
Journal Entry Item Enabled 02 Local/Group Data Analysis Ouery Disable 02 Local/Group Data Analysis Ouery with Reporting Rules Disable 02 Matrix Consolidation Foundation Cube Disable 02 Matrix Consolidation Foundation Cube with Reporting Rule Disable 02 Post Group Journal Entries Enable 02 Description Enable 02 Description Enable 02	Group Reporting Validation View		Disabled	Enable Usage
Local/Group Data Analysis Ouery Disable Enable Uz Local/Group Data Analysis Ouery with Reporting Rules Disable Enable Uz Matrix Consolidation Foundation Cube Disable Enable Uz Matrix Consolidation Cube with Reporting Rule Disable Enable Uz Post Group Journal Entries Enable UZ Enable UZ	Journal Entry Item		Enabled	Disable Usage
Local/Group Data Analysis Query with Reporting Rules Disable Enable Us Matrix Consolidation Foundation Cube Disable Enable Us Matrix Consolidation Foundation Cube with Reporting Rule Disable Enable Us Post Group Journal Entries Enable Us Enable Us	Local/Group Data Analysis Query		Disabled	Enable Usage
Matrix Consolidation Foundation Cube Disable Enable Us Matrix Consolidation Foundation Cube with Reporting Rule Disable Enable Us Post Group Journal Entries Enable Us Enable Us	Local/Group Data Analysis Query with Reporting Rules		Disabled	Enable Usage
Matrix Consolidation Foundation Cube with Reporting Rule Disable U Post Group Journal Entries Enable U Dest Group Journal Entries Enable U	Matrix Consolidation Foundation Cube		Disabled	Enable Usage
Post Group Journal Entries Enabled Disable Us	Matrix Consolidation Foundation Cube with Reporting Rule		Disabled	Enable Usage
Best Group Jaureal Estrice Service	Post Group Journal Entries	\bigcirc	Enabled	Disable Usage
Positive Service Enabled Listence Service	Post Group Journal Entries Service		Enabled	Disable Usage
Rule-Based Group Data Analysis Cube Disabled	Rule-Based Group Data Analysis Cube	\smile	Disabled	Enable Usage

Consolidation - Released Reported Data	Enable Usage
Consolidation - Released Reported Data	Enable Usage
Consumption view for crcy translation	Enable Usage
Consumption view for data collection	Enable Usage
Consumption view for manual journal entry	Enable Usage
Consumption view for reclassification	Enable Usage

Group Data Analysis	Enable Usage
Group Data Analysis Cube	Enable Usage
Group Data Analysis – With Reporting Rules	Enable Usage
Group Journal Entry Item	Enable Usage
Group Journal Entry Item Enhanced - S&V	Enable Usage
Group Reporting Unified Selection	Enable Usage
Group Reporting Validation View	Enable Usage
Journal Entry Item	Enable Usage
Local/Group Data Analysis Query	Enable Usage
Local/Group Data Analysis Query with Reporting Rules	Enable Usage
Matrix Consolidation Foundation Cube	Enable Usage
Matrix Consolidation Foundation Cube with Reporting Rule	Enable Usage
Post Group Journal Entries	Enable Usage
Post Group Journal Entries Service	Enable Usage
Rule-Based Group Data Analysis Cube	Enable Usage
Task log service	Enable Usage

1.1.3 Enable the OData APIs

< SAP Custom Fields and Logic -		
BRAND		
Text (20)		
ZZ1_BRAND		
Group Reporting: Journal Entry Item		
General Information UIs and Reports (20) Email Templates (0) Form Templates (0) Business Scenarios (1) OData APIs (1) S	OAP APIs (2) BAPIs (0) IDocs (0)	
OData APIs		
Description	Search Relevance	Field Usage
ODATA Transfer API Transaction Data		Enabled Disable Usage

1.1.4 Enable the SOAP APIs

	-						· — -
< SAP Custom Field	ds and Logic 🔻						
BRAND							
Text (20)							Not Published
ZZ1_BRAND							
Group Reporting: Journal Entry Item							
SOAP APIs Data Source	rts (20) Email lemplates (0) Form lemplates (0) Eu	XML Namespace	s (1) SOAP APIS (2) BAPIS (0)	IDocs (0) Field	I Name	Field Usage	
Service Interface: Description:	FinancialConsolidationReportedFinancialDataBulkIn Extension for Journal Entry Item						
Operation: Message Direction:	ReportedFinancialDataCreate Request	http://SAPCustomFields.com/Z	Z1_A2A	✓ Zz	BRAND	Enabled	Disable Usage
Service Interface: Description:	FinancialConsolidationManageReportedFinancialDataIn Extension for Journal Entry Item						
Operation: Message Direction:	ReportedFinancialDataCreate Request	http://SAPCustomFields.com/Z	Z1_A2A	~ ZZ:	BRAND	Enabled	Disable Usage

1.1.5 Enable for Business Scenarios

The Business Scenarios setting determines in which context the customer field will be used. The first business case describes the scenario where the custom field is solely used in group reporting and not in accounting. Hence, the business scenario Coding Block for accounting shall <u>not</u> be enabled.

< <mark>SAP</mark> c	ustom Fields and Logi	ic 🔻						C	λ Ω	MT
BRAND										
Numerical Text									Publis	hed
ZZ1_BRAND										
Group Reporting: Jo	urnal Entry Item									
General Information	UIs and Reports (20)	Email Templates (0)	Form Templates (0)	Business Scenari	rios (1)	DData APIs (1)	SOAP APIS (2)	BAPIs (0)	N	lore ∨
Description			,	Field Usage						
✓ Accounting: Cod	ling Block to Consolidation	Journal Entry		Disabled	Enable Us	age				
Accounting: C	oding Block -> Group Repo	orting: Journal Entry Iten	ı							

1.1.6 Save and publish

Afterwards, save and publish the custom field by selecting Save and then Publish.

1.1.7 Maintain master data for extension fields

Depending on which type of field has been created, master data will have to be maintained.

For example, if "code list" is defined, then only selected values are allowed to be used, as the following screenshot shows:

< SAP (Custom F	Fields and Logic 🔻						q	?	Ω	JA
	Label:*	Check3		Created:	22.02	2.2021,	John Administrator				
	Tooltip:*	Check3		Changed:	22.02	2.2021,	John Administrator				
		Details		Original Language:	Engli	sh					
	Length:*	3									
List Values (4)				+	<u> </u>	<u>↑</u>	Search				Q
	Cod	le Value		Description			Disabled				
101			Test1								
102			Test2								
103			Test4								
104			Test4							Ī	7

For example, if the type "text" is selected, then a "free text" up to the length specified in the properties of the custom field can be entered. The same logic applies for type date, email, etc.

However, it's recommended to not use these types because they consume quite a significant share of the allowed space for custom fields.

Additional Note:

There are space limitations for each business context. The limitation depends on the number of custom fields and the length of the data type that is used. The Business Context Capacity bar shows the remaining space. The limitation for business context is up to 100 fields and up to 1000 characters.

It is not 1000 characters per field, but rather you can use a maximum of 1000 characters within the maximum 100 fields. In other words, if you create 1 field with 1000 characters, then you won't be able to create more fields due to exceeded capacity.

However, there is no limitation due to type. In some types, such as "checkbox", you only need one character. But for "web address", you can use 200 characters. Both contribute to the maximum number of characters per Business Context. In such a case, 1 checkbox field of 1 char + 1 web address field of 200 chars = 2 fields and 201 characters are used. In this example, you would have 98 fields and 799 characters left.

For the type "Code List", master data values must be maintained. For large amounts of master data, you can use the upload function to upload master data from Excel files.

< SAP Custom	Fields and Logic 🔻						q	?	Û	JA
Label:*	Check3		Created:	22.02	2.2021,	John Administrator				
Tooltip:*	Check3		Changed	22.02	2.2021,	John Administrator				
	Details		Original Language:	Englis	sh					
Length:*	3									
List Values (4)			+	<u> </u>	<u>↑</u>	Search				٩
Co	de Value		Description			Disabled				
101		Test1								
102		Test2							1	
103		Test4								
104		Test4							1	

Once master data is maintained, the published field then automatically becomes part of the data model and is ready to be used during the various consolidation steps.

1.1.8 Upload RFD (insert this field in upload file)

The newly created field can be used in a flexible upload. To do so, you must add the new field to the column structure. It's important to use the prefix "ZZ1_" before the field name.

AmountIn	Sub Item	SubitemC	ProfitCent	PartnerPro	PartnerSe	Controlli	ZZ1_Brand	٦
HSL	SUBIT	SEGMENT	SITYP	PRCTR	PPRCTR	PSEGMEN	ZZ1_Brand	

1.1.9 Manual posting with usage of the custom field

When posting manual group journal entries, the newly created field must be added to the template first. In the overview screen, select "Create". When the detail screen opens, click on the "Settings" symbol (cog icon).

w Journ	nal Entry											Check	Create New	0
neral Data	Line Items Attachments	1												
			۹ 	Posting period: *		~	Extension Versions:		ß	Year of reversal doc: - Draft Entry Source: 0 (Posted from Current Document Bundle No.: -	it App) :			
e Items														
Line	Consolidation COA	Cons unit 1	FS Item	Subitem Categor	y Subitem	Cons. Unit	Partner Unit	Partner Unit (PL30)	Amount in Local Crcy	Balance Amount in Group Qua Crcy ti	Copy Cre an- Ar tity Tra	mount in A	te Paste utom. indi- ator	0

A pop-up window appears where the list of fields can be seen. Here, the newly created custom field appears in the list and must be added to the template.

View Settings				
Columns	Sort	Filter	Group	
	Search	Q	Show Selected	× × ¥
Apportionment				
Assignment				
Base Unit of Measure				
Bill-to party				
Billing Type				1
✓ BRAND				
Business Area				
Business Transaction				
C/I Activity				
Chart of Accounts				
Company				
Cons. Group				
Controlling Area				
Cost Center				
Country				
CT Indicator				
Customer				
Customer Group				
Distribution Channel				
			OK Car	icel Reset

Please note:

You can create a group journal entry by using a new custom field. However, the *Display Group Journal Entries* app doesn't show this content. Instead, you can use the *Group Data Analysis* app, which is described in next chapter.

1.1.10 Check the Group Data Analysis app

Click the tile Group Data Analysis.

Search Q	Pause									Jump To	.ul 🗄 🌐 🎯 (
IMENSIONS	COLUMNS								Ref. Version	Y10	
> Measures	Ref. Version								Ref. Version	Actuals	
Account Number	Fircal Vaar								Fiscal Year	2018	
Account Number	Proting and ad								Posting period	12	
Ad Hoc Item	Posting period	and the second second							Period Mode	PER	
Ad Hoc Set	Period Mode	BRAND ≜	Consolidation Unit Eliminated A	Consolidation Unit A	FS Item ≜	FS Item ▼≜	Partner Unit ≜	Posting Level ≜	Posting Level 🖛	GC Amount ∜≏	
Ad Hoc Set Item	Measures	1000	"	\$3000	131100	Raw materials	#	10	Standardizing entry	10.000,00 EUR	
Assistant		2000	"	\$3000	111100	Cash on hand	#	10	Standardizing entry	-20.000,00 EUR	
RRAND					131100	Raw materials	#	10	Standardizing entry	20.000,00 EUR	
. DIOTID					111100	Cash on hand	#	10	Standardizing entry	-10.000,00 EUR	
base onit of mea					282100	Def tax liab.	#	10	Standardizing entry	0,00 EUR	
Bill-to party					317000	Net income	#	10	Standardizing entry	0,00 EUR	
Billing Type			#	\$3000	585000	Oth op.expenses	#	10	Standardizing entry	0,00 EUR	
Business Area		1			601000	Int income	#	10	Standardizing entry	-1,00 EUR	
CT Indicator		1			722000	Deterred tax	#	10	Standardizing entry	0,00 EUR	
Chart of Accounts	ROWS				792000	Net incomellant		10	Standardizing entry	1,00 EUR	
chart of Accounts	PDAND				733000	reet incomenoss	<i>m</i>	10	Standardizing enary	0,00 LOR	
Cons. Group	DRMND										

On the left panel with the ranges of additional dimensions, "BRAND" should appear on the left panel so that it can be used in reporting. When dragging the field into the column or row structure, the values appear because the breakdown takes "BRAND" into account.

Note: For custom fields you cannot create a hierarchy for reporting purpose.

1.1.11 Availability in GRDC

1.1.11.1 Manual Data Entry – forms

The custom field is available for manual data entry in the forms. You must copy pre-delivered forms and adjust.

1.1.11.2 Mapping from external source

The custom field is available in the template file for the output definition at the end of the table with the identifier.

1.1.11.3 Mapping from ACDOCA

The custom field is available in the template file for the output definition at the end of the table with the identifier.

1.2 Scenario 2: Custom Field in ACDOCA and ACDOCU

In this chapter, you find information on how to create a new field in the universal journal (ACDOCA) and make this field available for group reporting (ACDOCU).

1.2.1 Create new custom field

Please refer to 1.1.1 Create new custom field

1.2.2 Enable for UIs and reports

Please refer to 1.1.2 Enable for UIs and reports

1.2.3 Enable the OData APIs

Please refer to 1.1.3 Enable the OData APIs

1.2.4 Enable the SOAP APIs

Please refer to 1.1.4 Enable the SOAP APIs

1.2.5 Enable for Business Scenarios

The Business Scenarios setting determines in which context the customer field will be used. This second business case describes the scenario where the custom field is used in group reporting <u>and</u> in accounting. Therefore, the business scenario Coding Block for accounting **must** be enabled.

BRAND	
Numerical Text ZZ1_BRAND Group Reporting: Journal Entry Item	
General Information UIs and Reports (20) Email Templates (0) Form Templates (0) Business Scenarios (1) OData APIs (1)	SOAP APIs (2) BAPIs (0) IDocs (0)
Scenarios Available for Business Context Group Reporting: Journal Entry Item (1)	
Description	Field Usage
✓ Accounting: Coding Block to Consolidation Journal Entry	Enabled Disable Usage
Accounting: Coding Block -> Group Reporting: Journal Entry Item	
All Scenarios Selected for this Field (1)	
Description	Field Usage
Accounting: Coding Block to Consolidation Journal Entry	Enabled
Accounting: Coding Block -> Group Reporting: Journal Entry Item	

In this step, the ZZ1_BRAND dimension in the ACDOCA table (Universal Journal) will automatically be generated. This dimension will be available for financial accounting – general ledger postings. There is an automatic mapping between the ZZ1_BRAND of ACDOCA and ZZ1_BRAND of ACDOCU. Business context for <u>Accounting: Coding Block</u> is created and needs to be maintained. This is described in the subchapters below.

1.2.5.1 Enable UIs and reports for Accounting: Coding Block (until 2021 FPS1)

Accounting: Coding Block (FINS_CODING_BLOCK)			
General Information UIs and Reports (109) Email Templates (0)	Form Templates (23) Business Scenarios (4) OData APIs (8) SOAP APIs (9) BAPIs (0) IDocs (0)		
C_REALTIMERPTDFINDATAENHCD	CINSEDTN - Realtime Reported Data NRL	Disabled	Enable Usage
I_REALTIMERPTDFINDATAENHCD	CNSLDTN - Realtime Reported Data NRL	Disabled	Enable Usage
I_REALTIMERPTDFINDATA	Consolidation - Realtime Reported Data	Disabled	Enable Usage
C_REALTIMERPTDFINDATA	Consolidation - Realtime Reported Deta	Disabled	Enable Usage

1.2.5.2 Enable UIs and reports for Accounting: Coding Block (as of 2021 FPS1)

Accounting: Coding	Block (FINS_CODING_BLO									
General Information		Email Templates (0)	Form Templates (23)	Business Scenarios (4)	OData APIs (8)	SOAP APIs (9)	BAPIs (0)	IDocs (0)		
I_CNSLDTNINTEGRF	TDFINDATA	GR Realti	me Reported Data - TAI						Enabled	Disable Usage
I_REALTIMERPTDFIN	DATAENHCD	GR Realt	me Reported Data NRL						Enabled	Disable Usage
I_REALTIMERPTDFIN	IDATA	GR Realti	me Reported Data ORL						Enabled	Disable Usage

1.2.6 Save and publish

Please refer to 1.1.6 Save and publish.

1.2.7 Maintain master data for extension fields

Not applicable, master data already exist.

1.2.8 Upload RFD (insert this field in upload file)

Please refer to 1.1.8 Upload RFD (insert this field in upload file)

1.2.9 Manual posting with usage of the custom field

Please refer to 1.1.9 Manual posting .

1.2.10 Check the Group Data Analysis app

Please refer to 1.1.10 Check the Group Data Analysis app

1.2.11 Availability in GRDC

1.2.11.1 Manual Data Entry – forms Refer to 1.1.11.1 Manual Data Entry – forms

1.2.11.2 Mapping from external source Refer to 1.1.11.2 Mapping from external source

1.2.11.3 Mapping from ACDOCA Refer to 1.1.11.3 Mapping from ACDOCA

1.3 Scenario 3: Extend the existing Coding Block from ACDOCA to ACDOCU

There are cases where ACDOCA was already enhanced prior to the existence of the newly launched extensibility framework. Such cases occur if customers have created ACDOCA enhancements using traditional Coding Block extensions. The following steps serve as a step-bystep guide to show you how to link those fields created in ACDOCA with transaction OXK3 to group Reporting in ACDOCU.

1.3.1 Prerequisite

A custom field in CI_COBL was created in transaction OXK3:

Maintain	User-Define	d Coding B	Block	Field	ds: List
Add Fields	Field Information	Technical View	1]	
Coding Bloc	k				
GE SAP	Standard Account	t Assignments			
Cust	omer-Defined Acc	count Assignm	nents		
	Customer Include	e Structure			
	CI_COBL			Custo	om fields of Tx OXK3
				-	
	ZZOXK3CC	DDE		Ľ	Extension Code OXK3 lest
L _œ	Customer APPEND	Structures			

This field in ACDOCA contains a check table:

Structure	CI_COBL		Active			
Short Description	Custom fields	of Tx OXK3				
Attributes (Components	Input Help/Check	Currency/quantit	y fields		
♥ 🖬 🔁 🕿	∠ Searc	h Help			1 /	1
Component	Typing Met	hod Component Ty	pe Data T Fore	eign C	heck table	
ZZOXK3CODE	Types	ZZJKTEST_COD	E CHAR	√ <u>Z</u> 2	ZJKTEST_CT]
	1					

Subsequently, the field was enabled for "Custom Fields and Logic" with business context "Coding Block" in transaction SCFD_EUI for database table ACDOCA:

Enable Fields for Use in App 'Custom Fields and Logic'									
🚱 🔀 Prepare 🧪 Enable 🖉 Disable 🎽 Relocate 🚺 Information									
	able Usage in App 'Custon	n Fields and	l Logic' (Ctrl+F3)					
DB Field Name Field Status ID Business Context Dict. Typ. Dictionary Type DB Tab Nm DB Fld Pkg Cus Fld Pk									
ZZOXK3CODE Can Be Enabled	Accounting: Coding Block	<u>CHAR</u>	Character String	ACDOCA	ZOXK3 TEST				

Enable Fields for Use Enabling Type Enable Field as Ne Attach Field to Ex	in App `Custom Fields an w Custom Field disting Custom Field	d Logic'					>	<
Custom Field ID Semantic Type Value Help View		ZZ1_ LIST ZI_ZZJKTEST_	OXK3CODE_TEST Code List CT	r	6			
						~	×	;
Custom Fields and L	ogic ▼					Q	Â	2
Custom Fields Data Source Extensions Custom Fields (1) Label Extension Code	Custom Logic	Business Context Accounting: Coding B	Coding Block OXK3	Type Code List	Status Published		٥	+

1.3.2 Create the same field with a check table in group reporting

The field shall also be used in group reporting. However, if you just enable the business scenario Accounting: Coding Block to Consolidation Journal Entry, then the field will **not** have a check table in the generated append to table ACDOCU. As a result, data validation against the check table won't work, such as in flexible upload.

To create the same field with a check table in group reporting, the following approach must be followed instead:

(1) Create an append structure to CJE_S_INCL_EEW_PS

Dictionary: Display Structure							
🔿 🍄 📸 🖆 🧪 🚭 晶 🚊 🗓 Hierarchy Display 🛛 Append Structure							
Structure CJE_S_INCL_EEW_PS Active							
Short De	Short Description Extension include for Universal Consolidation Journal Entry						
Attributes Compon		mponents 1	Input Hel	p/Check	Currency/quant	ity fields	
	Appends for CJE_S_INCL_EEW_PS X						
	Object Name ZZ1_MYVRTS ZZ1_N7VSK4 ZZ1_NC2QGE ZZ1_NVZLJ2F ZZ1_RSBOVV ZZ1_RSBOVV ZZ1_VQNVTU ZZ1_WTMIIB	SKBD442MOC3V2 MXXKFXXX5HZQE 3ORE4NOC7GMF DS2OATPSK2W/ VIPP3MPDRR3CO JXMBIR3VVPFLGF 7IWPV4VM6UCA	2FCXXS 3G3XKF 2EENUS QB4CQ W7S2J KJLXXJ I7YZQ	Status Active Active Active Active Active Active Active Active	Short text ZZ1_GKONT ZZ1_ZGR_TEX ZZ1_INS_NUM ZZ1_EXAMPLE ZZ1_TestInsig ZZ1_TestTest ZZ1_E2E_PHO ZZ1_XXM/RPC	(T_TF1 IC_LONG E_PHONE htsnew XTO DNE	
ZZ1	ZZACDOCU_C	CI_COBL_APPEND)	Active	Append for Co	oding Block custom fields	
.AP ZZ1 .AP ZZ1	\leftrightarrow						X T T T L

(2) Add the field with the same data element but with a different name (for example, with a suffix), and add the same check table to the field:

A	ppend Structure	ZZACDOCU_CI_CO	BL_APPEND	Inac	tive	
Short Description		Append for Coding Block custom fields in ACD			DOCU	
	Attributes Co	omponents Inpu	it Help/Check	Currer	ncy/quantity fields]
	▼ 🖬 🔁 🕿	Search Hel	p Show Ap	opending Ol	oje	1 / 1
	Component	Component Typ	e Data T	Foreign	Check table	Origin of Input
	ZZOXK3CODE_CJE	ZZJKTEST_CODE	CHAR	\checkmark	ZZJKTEST_CT	

(3) Now use SCFD_EUI for group reporting, database table ACDOCU: *Enable Fields for Use in App 'Custom Fields and Logic'*

🔁 🔯 Prepare 🗪 Enable 🎽 Relocate 🚺 Information					
Database Field Name Field Status ID Business Context	Dict. Typ. Dictionary Type DB Tab Nm DB Fld Pkg Cus Fld Pk				
ZZOXK3CODE CJE Can Be Enabled Group Reporting: Journal Entry Item	CHAR Character String ACDOCU ZOXK3 TEST				

(4) Choose "Attach Field to Existing Custom Field" and attach it to the Coding Block custom field:

Enable Fields for Use in App 'Custom Fields	s and Logic'		×
Enabling Type			
O Enable Field as New Custom Field		_	
 Attach Field to Existing Custom Field 	ZZ1_OXK3CODE_TEST	þ	
Details			
Custom Field ID	ZZ1	OXK3CODE TEST	
Semantic Type	LIST	Code List	
Semantic Type Value Help View	LIST ZI_ZZJKTH	Code List	
Semantic Type Value Help View	LIST ZI_ZZJKTE	Code List	

(5) The field is now available for group reporting, and it has a check table as in Coding Block.

< SAP	Custom Fields a	and Logic 🔻				Q	Д	2
Custom Fields Data Source Extensions Custom Logic								
Custom F	Fields (2)			ОХКЗ		<u>⊗ Q</u> ≡	ø	+
Label		Identifier	Business Context	t	Туре	Status		
Extensi	ion Code	ZZ1_OXK3CODE_TEST	Group Reporting:	: Journal Entry Item	Code List	Published		>
Extensi	ion Code	ZZ1_OXK3CODE_TEST	Accounting: Codi	ing Block	Code List	Published		>

The created field is now connected to Group Reporting with the respective check table.

1.3.3 Enable for UIs and reports

 $\circ~$ Start the Custom Fields and Logic app from the Fiori front end



 \circ Select the field and maintain the ACDOCU usage as needed and as described below.

BRAND

Text (20) ZZ1_BRAND Group Reporting: Journal Entry Item

General Information UIs and Reports (20) Email Templates (0) Form Templates (0) Business Scenarios (1) OData APIs (1) SOAP APIs (2) BAPIs (0) IDocs (0)	
Uls and Reports	
Description Visibility Control Search Relevance	Field Usage
Consolidation - Released Reported Data	Disabled Enable Usage
Consolidation - Released Reported Data	Disabled Enable Usage
Consumption view for crcy translation	Disabled Enable Usage
Consumption view for data collection	Disabled Enable Usage
Consumption view for manual journal entr	Disabled Enable Usage
Consumption view for reclassification	Disabled Enable Usage
Group Data Analysis	Disabled Enable Usage
Group Data Analysis Cube	Disabled Enable Usage
Group Data Analysis – With Reporting Rules	Disabled Enable Usage
Group Journal Entry Item	Disabled Enable Usage
Group Reporting Unlifed Selection for Extension	Disabled Enable Usage
Group Reporting Validation View	Disabled Enable Usage
Journal Entry Item	Enabled Disable Usage
Local/Group Data Analysis Ouery	Disabled Enable Usage
Local/Group Data Analysis Query with Reporting Rules	Disabled Enable Usage
Matrix Consolidation Foundation Cube	Disabled Enable Usage
Matrix Consolidation Foundation Cube with Reporting Rule	Disabled Enable Usage
Post Group Journal Entries	Enabled Disable Usage
Post Group Journal Entries Service	Enabled Disable Usage
Rule-Based Group Data Analysis Cube	Disabled Enable Usage

1.3.4 Enable the OData APIs

Please refer to 1.1.3 Enable the OData APIs

1.3.5 Enable the SOAP APIs

Please refer to 1.1.4 Enable the SOAP APIs

1.3.6 Enable for business scenarios

The Business Scenarios setting determines in which context the customer field will be used. Enable business scenario "Accounting: Coding Block to Consolidation Journal Entry" for the field.

BRAND	
Numerical Text	
ZZ1_BRAND	
Group Reporting: Journal Entry Item	
General Information UIs and Reports (20) Email Templates (0) Form Templates (0) Business Scenarios (1) OData APIs (1) S	0AP APIs (2) BAPIs (0) IDocs (0)
Scenarios Available for Business Context Group Reporting: Journal Entry Item (1)	
Description	Field Usage
✓ Accounting: Coding Block to Consolidation Journal Entry	Enabled Disable Usage
Accounting: Coding Block -> Group Reporting: Journal Entry Item	
All Scenarios Selected for this Field (1)	
Description	Field Usage
Accounting: Coding Block to Consolidation Journal Entry	Enabled
Accounting: Coding Block -> Group Reporting: Journal Entry Item	

With this step, the ZZ1_BRAND dimension in ACDOCA table (Universal Journal) will automatically be generated. This dimension will be available for financial accounting – general ledger postings. There's an automatic mapping between the ZZ1_BRAND of ACDOCA and ZZ1_BRAND of ACDOCU.

Pls. refer to <u>1.2.5 Enable for Business Scenarios</u> The settings described there must be made.

1.3.7 Save and publish

Please refer to 1.1.6 Save and publish.

1.3.8 Maintain master data for extension fields

Not applicable, master data already exist.

1.3.9 Upload RFD (insert this field in upload file)

Please refer to 1.1.8 Upload RFD (insert this field in upload file)

1.3.10 Manual posting with usage of the custom field

Please refer to <u>1.1.9 Manual posting with usage of the custom field.</u>

1.3.11 Check the Group Data Analysis app

Please refer to 1.1.10 Check the Group Data Analysis app

1.3.12 Availability in GRDC

1.3.12.1 Manual Data Entry – forms Refer to 1.1.11.1 Manual Data Entry – forms

1.3.12.2 Mapping from external source Refer to 1.1.11.2 Mapping from external source

1.3.12.3 Mapping from ACDOCA Refer to 1.1.11.3 Mapping from ACDOCA

2 ADDITIONAL INFORMATION

2.1 Limitations

Please refer the following note for restrictions: 2849287 - Extensibility in Group Reporting

2.2 Related Information

Please refer the following note for further information: <u>2453614 - FAQ: Universal Journal</u> <u>Extensibility</u>

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