

OB08.net

Automatic Update of Exchange Rates in SAP

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Customizing and Usage Guide

Infoaval S.R.L. (www.infoaval.com)

August 2022

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	OB08.net
	Customizing and Usage Guide

1. About this document

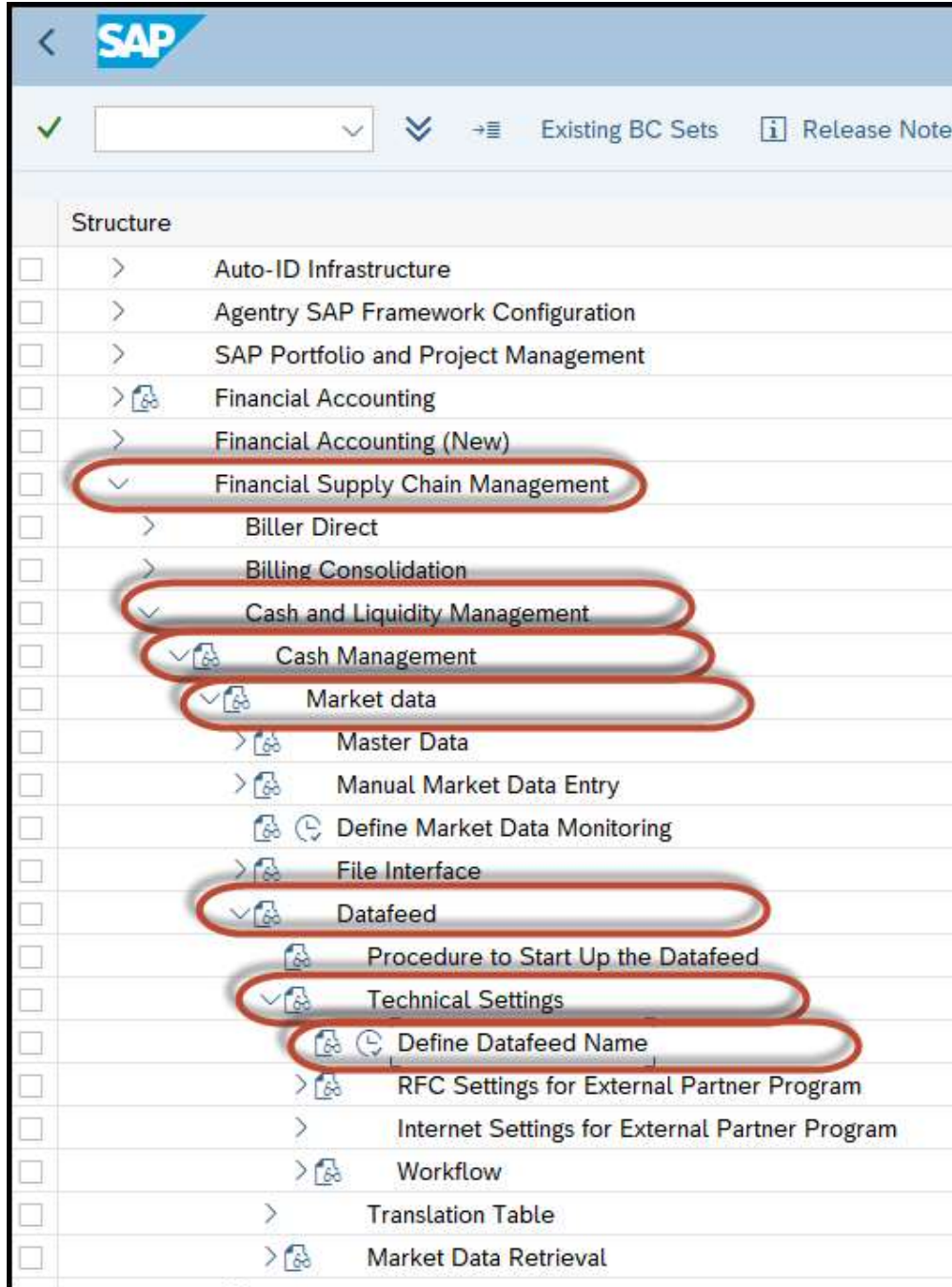
The purpose of this document is to provide the reader (user, SAP consultant) with the general guidelines to customize and to test the **Automatic Exchange Rate Update** functionality, by executing the SAP standard TBD4 transaction.

For using this solution, you must previously contact **Infoaval** (info@infoaval.com.ar), in order to have a test-user with their respective credentials.

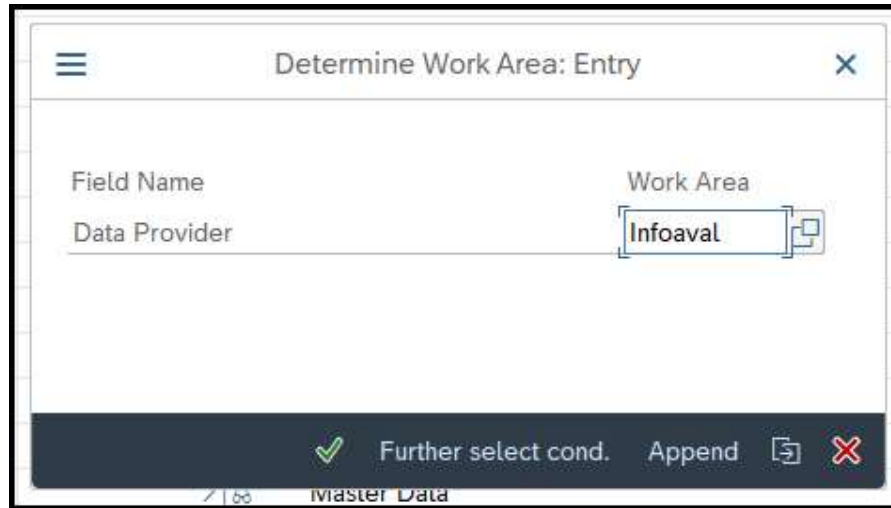
Likewise, **Infoaval** will provide you with information about the respective instruments to be used based on your specific currency needs to be updated in your own SAP by using this automatic process.

This document is a guide to be able to assist you in the tasks of customizing, execution and testing of the process. If you have any questions about this guide, please write to info@infoaval.com.ar.

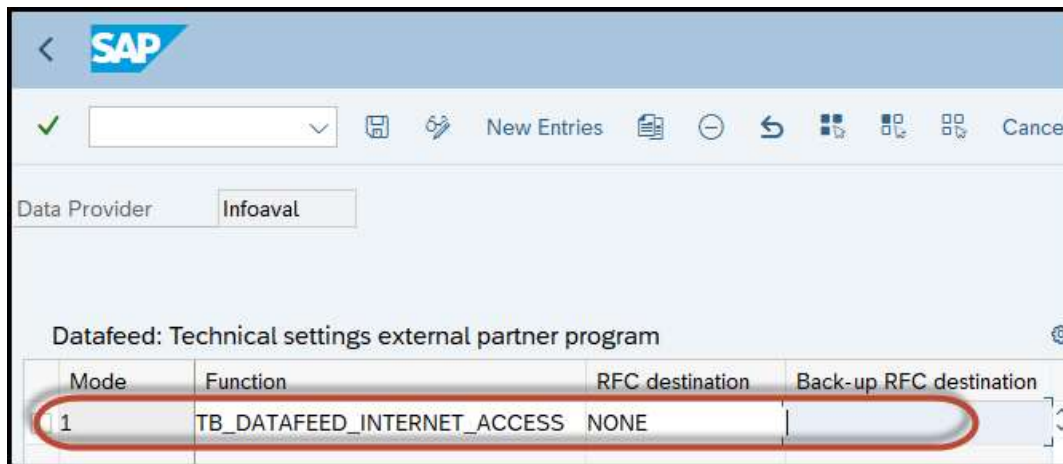
2. Basic customizing for using this functionality



Please respect the use of upper and lower case letters.

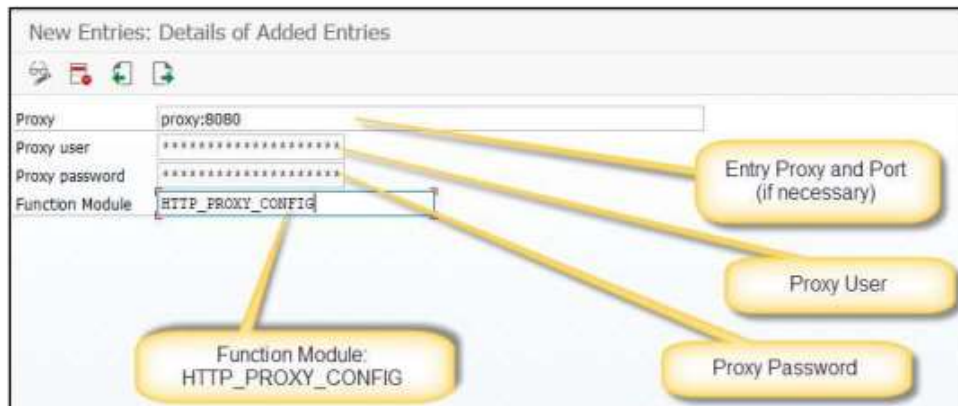
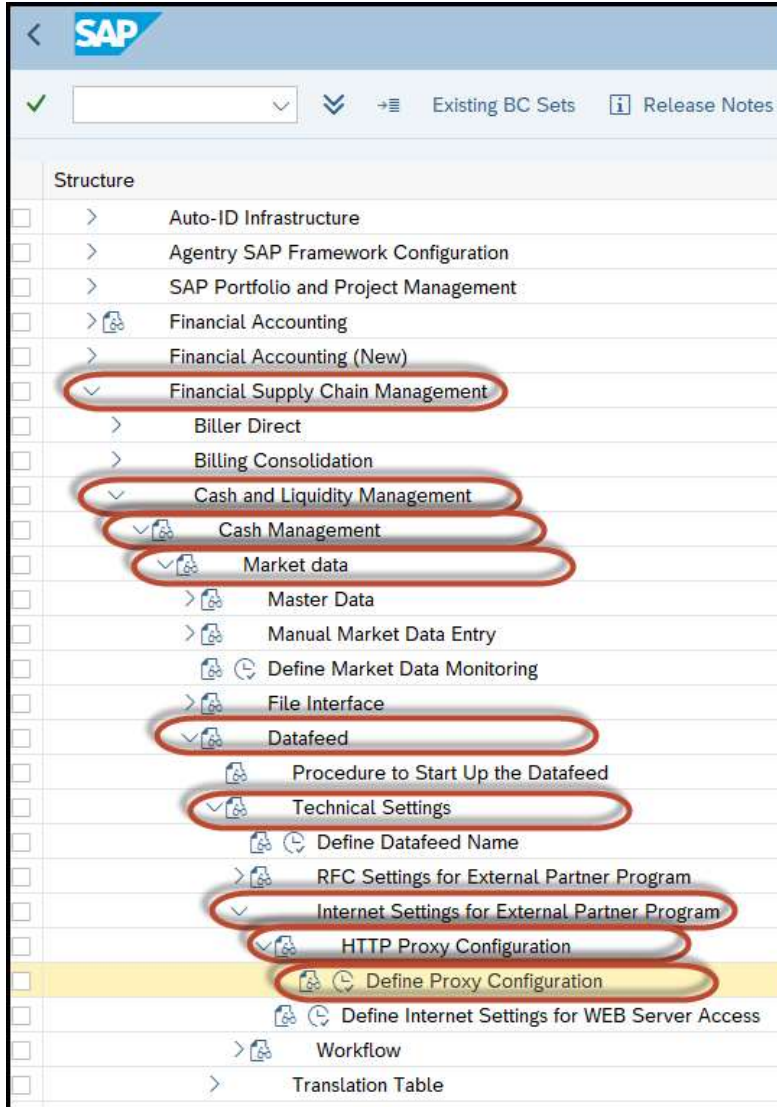


Please respect the use of upper and lower case letters.



Function: TB_DATAFEED_INTERNET_ACCESS

Proxy definition (only if necessary in your SAP installation). The data must be completed based on the specific data of your installation.



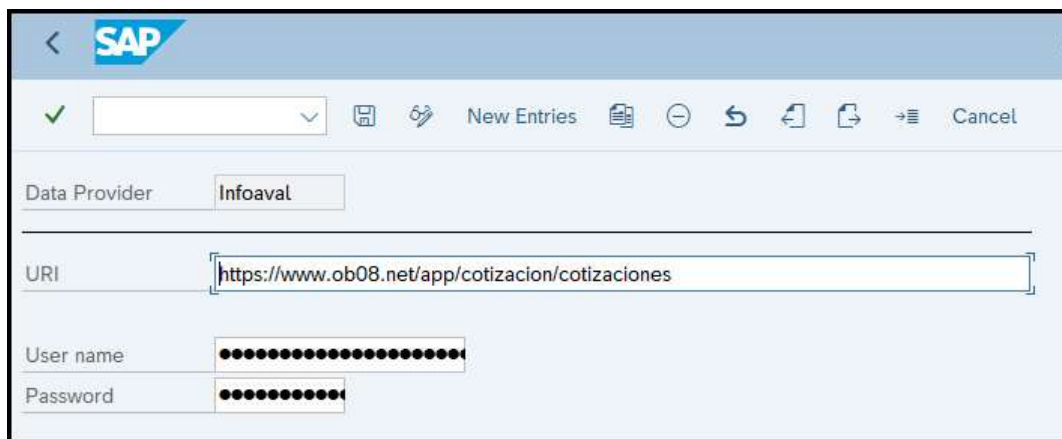
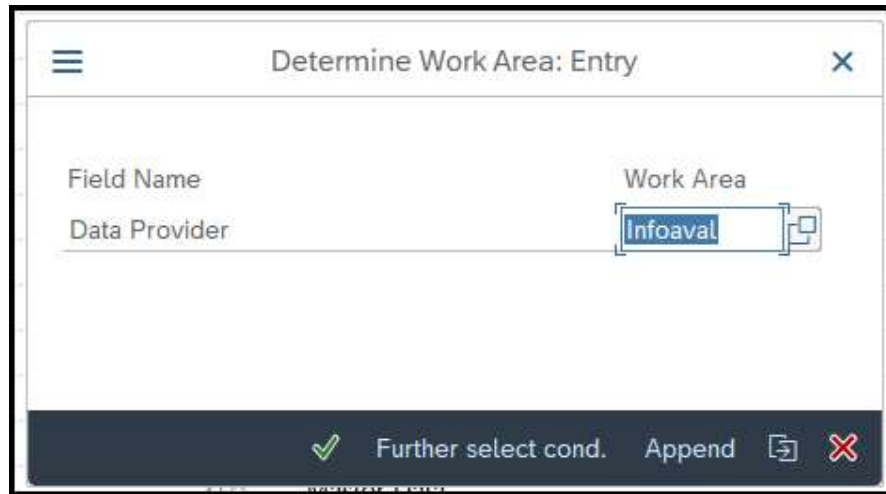
Connection settings:

SAP

Existing BC Sets Release Notes

Structure

- > Auto-ID Infrastructure
- > Agency SAP Framework Configuration
- > SAP Portfolio and Project Management
- > Financial Accounting
- > Financial Accounting (New)
- Financial Supply Chain Management
- > Biller Direct
- > Billing Consolidation
- Cash and Liquidity Management
- Cash Management
- Market data
- > Master Data
- > Manual Market Data Entry
- Define Market Data Monitoring
- > File Interface
- Datafeed
- Procedure to Start Up the Datafeed
- Technical Settings
- Define Datafeed Name
- > RFC Settings for External Partner Program
- Internet Settings for External Partner Program
- > HTTP Proxy Configuration
- Define Internet Settings for WEB Server Access
- > Workflow
- > Translation Table

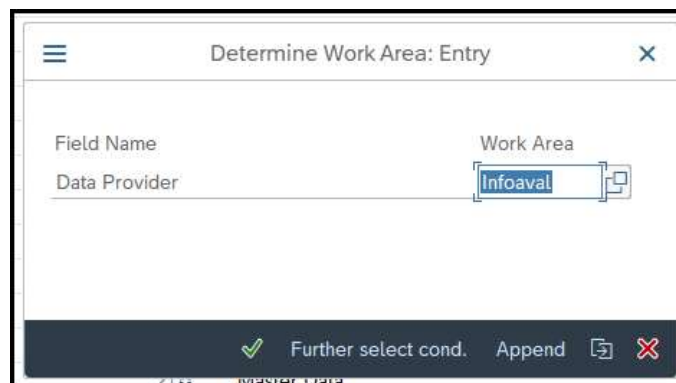
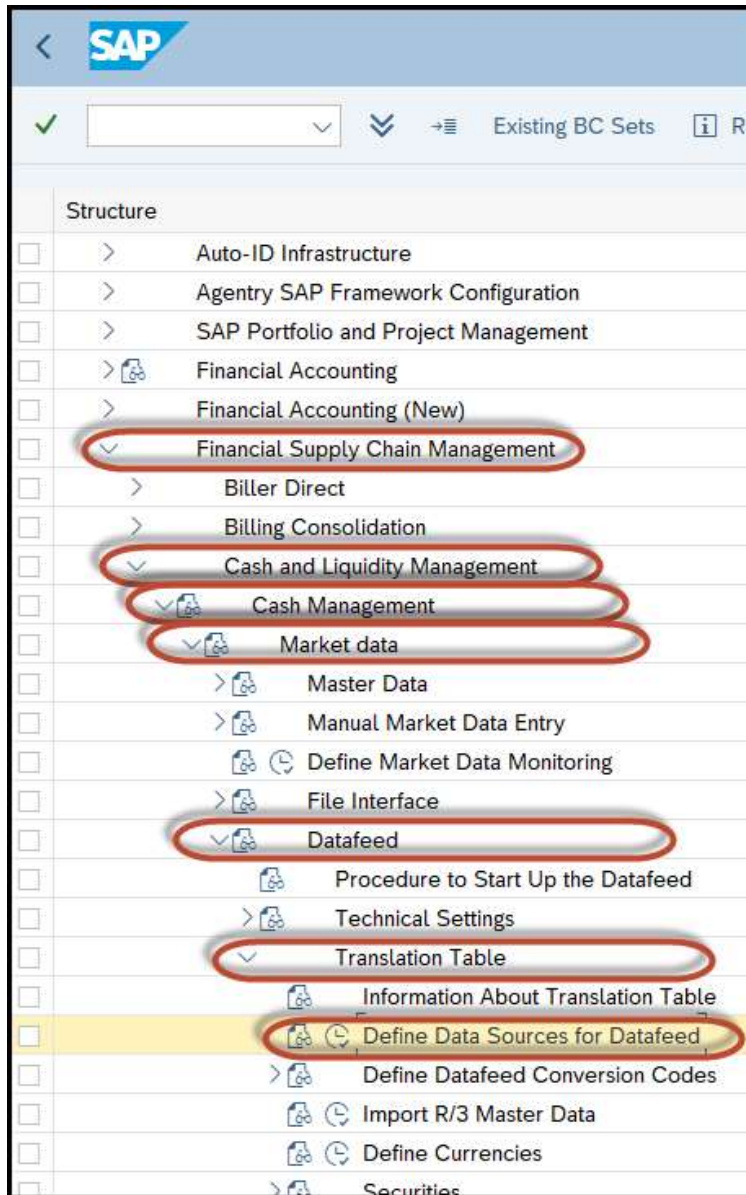


Please respect the use of upper and lower case letters.

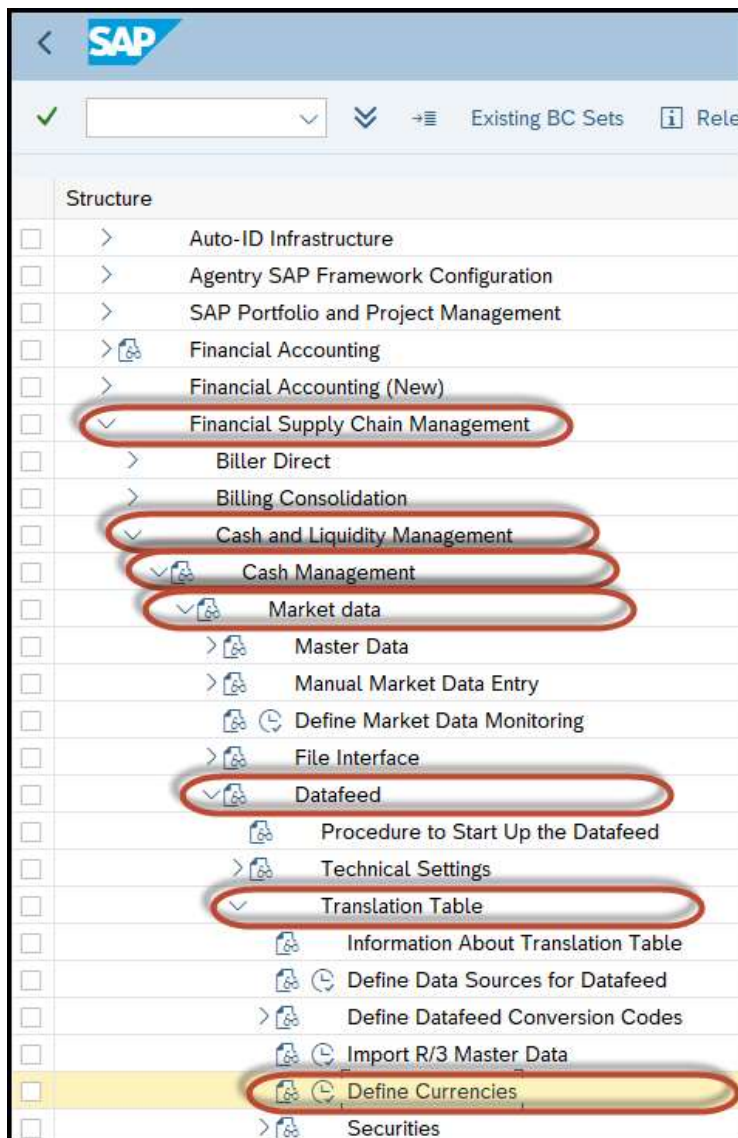
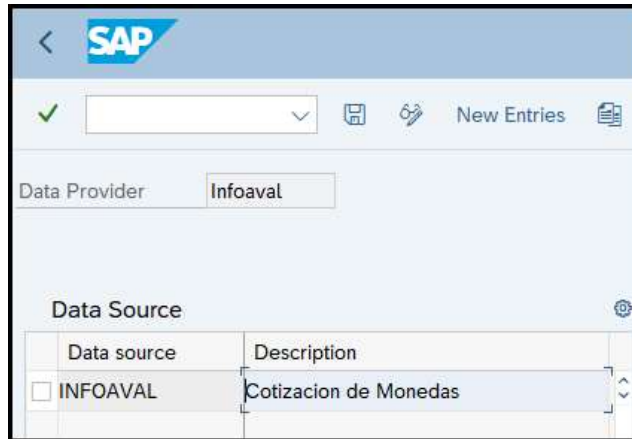
URL: "<https://www.ob08.net/app/cotizacion/cotizaciones>"

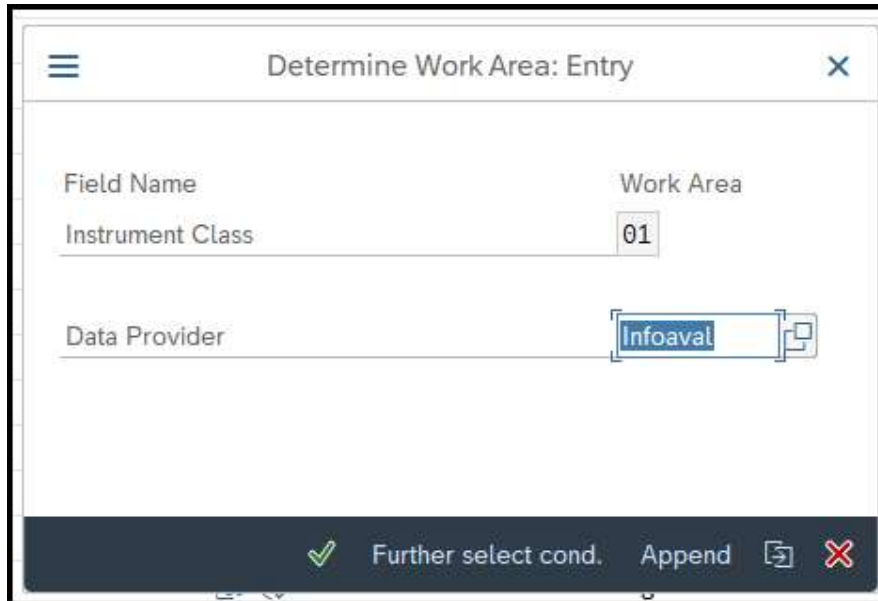
User name: *provided by Infoaval* (if you do not have it send an e-mail to info@infoaval.com.ar)

Password: *provided by Infoaval* (if you do not have it send an e-mail to info@infoaval.com.ar)



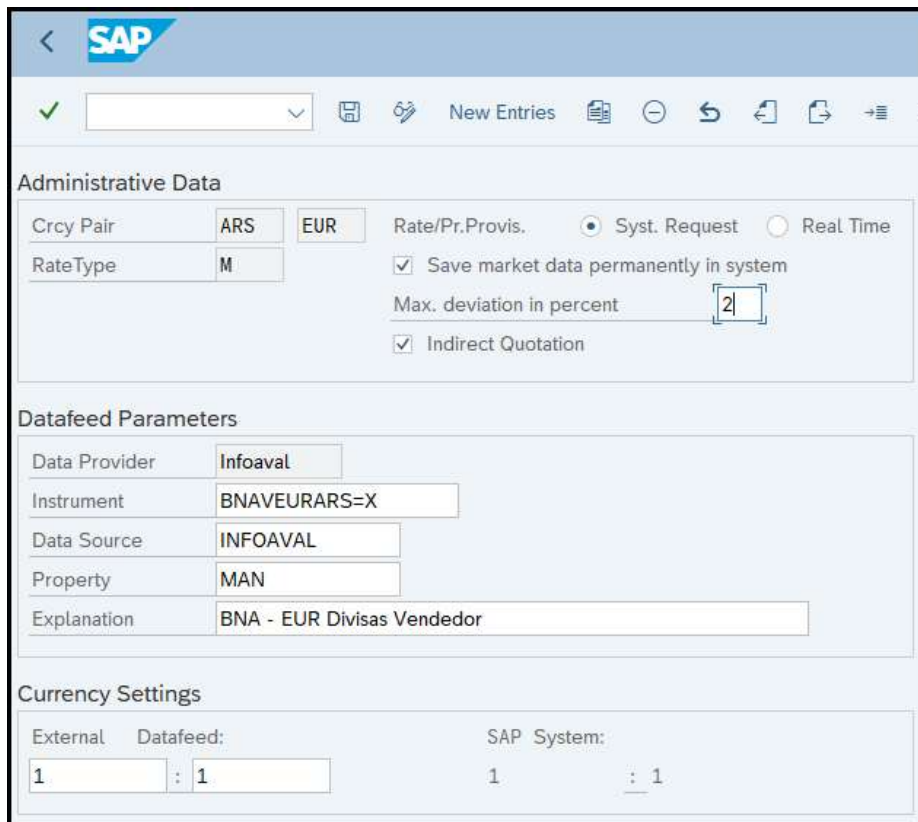
Please respect the use of upper and lower case letters.





Please respect the use of upper and lower case letters.

Example for a SAP installation that needs to update the ARS (Argentine peso) against the EUR (euro) based on the official source for Argentina:



Example for a SAP installation that needs to update the ARS (Argentine peso) against the USD (United States dollar) based on the official source for Argentina:

The screenshot shows the SAP OB08.net configuration interface. At the top, there is a navigation bar with the SAP logo and a back arrow. Below the navigation bar is a toolbar with a checkmark, a dropdown menu, a save icon, a refresh icon, and buttons for 'New Entries', 'Print', 'Cancel', 'Back', 'Forward', and 'Menu'. The main content area is divided into three sections: 'Administrative Data', 'Datafeed Parameters', and 'Currency Settings'.
Administrative Data: 'Crcy Pair' is set to 'ARS' and 'USD'. 'Rate/Pr.Provis.' has 'Syst. Request' selected. 'RateType' is 'M'. 'Save market data permanently in system' is checked. 'Max. deviation in percent' is set to '2'. 'Indirect Quotation' is checked.
Datafeed Parameters: 'Data Provider' is 'Infoaval', 'Instrument' is 'BNAVUSDARS=X', 'Data Source' is 'INFOAVAL', 'Property' is 'MAN', and 'Explanation' is 'BNA - USD Divisas Vendedor'.
Currency Settings: 'External' is '1' and 'Datafeed' is '1'. 'SAP System' is '1' and 'SAP System' is '1'.

Save the transport order.

3. TBD4 transaction execution

It is recommended to save this execution as a selection variant, since it will be used later, when defining the daily job.

The screenshot shows the SAP configuration interface for Market Data Class. The 'Market Data Class' section has 'Currencies' selected. The 'Market Data Selection' section has four input fields for key definitions and instrument properties. The 'Datafeed' section has 'Infoaval' entered in the Name field. The 'Output Control' section has 'Output List of Results' and 'Save Market Data in System Permanently If Defined in Customizing' checked, and 'All' selected for the output type.

Market Data Class	
<input checked="" type="checkbox"/> Currencies	<input type="checkbox"/> Exchange Rate Volatilities
<input type="checkbox"/> Securities	<input type="checkbox"/> Security Price Volatilities
<input type="checkbox"/> Interest Rates	<input type="checkbox"/> Interest Rate Volatilities
<input type="checkbox"/> Indexes	<input type="checkbox"/> Index Volatilities
<input type="checkbox"/> Forex Swap Rates	<input type="checkbox"/> General Volatilities
<input type="checkbox"/> Commodities (Daily Basis)	<input type="checkbox"/> Commodities (Time Basis)
<input type="checkbox"/> Derivative Contract Specific.	

Market Data Selection	
1st Key Definition	<input type="text"/>
2nd Key Definition	<input type="text"/>
Instrument Property	<input type="text"/>
For Volatilities: Term	<input type="text"/>

Datafeed	
Name	Infoaval
Request Mode	<input checked="" type="radio"/> Synchronou <input type="radio"/> Transactional (Asynchronous)

Output Control	
<input checked="" type="checkbox"/> Output List of Results	<input checked="" type="radio"/> All <input type="radio"/> Errors <input type="radio"/> Correct Results
<input checked="" type="checkbox"/> Save Market Data in System Permanently If Defined in Customizing	
Layout	<input type="text"/>

Result of the execution:

Mkt data - 16.08.2022, 16:27:36 o'clock User: USER02
 Market data class: 01 Currencies Data source: Infoaval

From curr.	To-Currency	Cat	Date	Value	"Fr
Refresh	UpdateFlag	Status	Warning/error message		
<input type="checkbox"/> ARS	EUR	M	17.08.2022	137,87420	
X	X				
<input type="checkbox"/> ARS	USD	M	17.08.2022	135,33000	
X	X				
<input type="checkbox"/> EUR	ARS	M	17.08.2022	137,87420	
X	X				
<input type="checkbox"/> USD	ARS	M	17.08.2022	135,33000	
X	X				

Transfer Statistics	Successful	Warnings	Error
Market data class: 01 Currencies	4	0	0
Overall	4	0	0

4. Result verification in the OB08 transaction

ExRt	ValidFrom	Indir.quot	X	Ratio(from)	From	=	Dir.quot.	X	Ratio (to)	To
<input type="checkbox"/> M	17.08.2022	137,87420	X		1 ARS	=		X		1 EUR
<input type="checkbox"/> M	13.08.2022	138,33160	Y		1 ARS	=		Y		1 EUR

ExRt	ValidFrom	Indir.quot	X	Ratio(from)	From	=	Dir.quot.	X	Ratio (to)	To
<input type="checkbox"/> M	17.08.2022	135,33000	X		1 ARS	=		X		1 USD
<input type="checkbox"/> M	13.08.2022	134,50000	Y		1 ARS	=		Y		1 USD

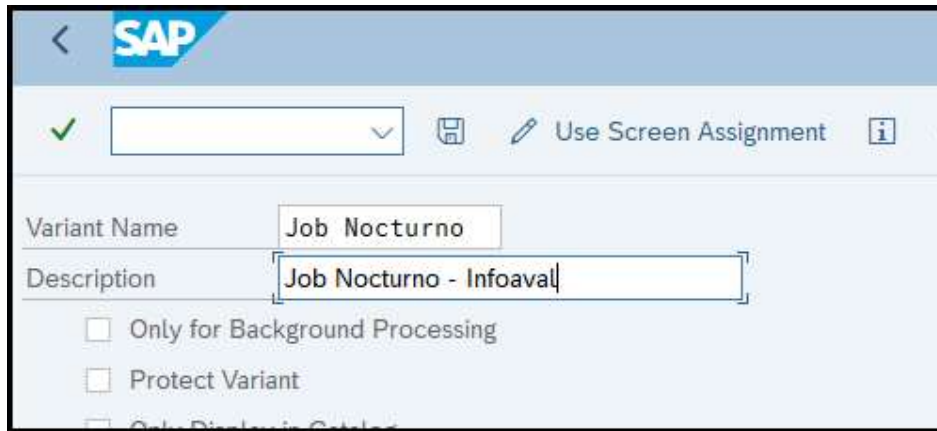
Verification on the official source for this example:

	Cotización Billetes		Cotización Divisas	
	Compra	Venta	Compra	Venta
16/8/2022				
Dolar U.S.A	135.1300	135.3300		
Libra Esterlina	163.3451	163.9929		
Euro	137.3326	137.8742		
Franco Suizos *	14214.0254	14254.7363		
YENES *	100.5535	100.8617		
Dolares Canadienses *	10518.9824	10549.1927		
Coronas Danesas *	1845.1532	1861.0766		
Coronas Noruegas *	1393.7878	1409.0429		
Coronas Suecas *	1303.2167	1318.5904		

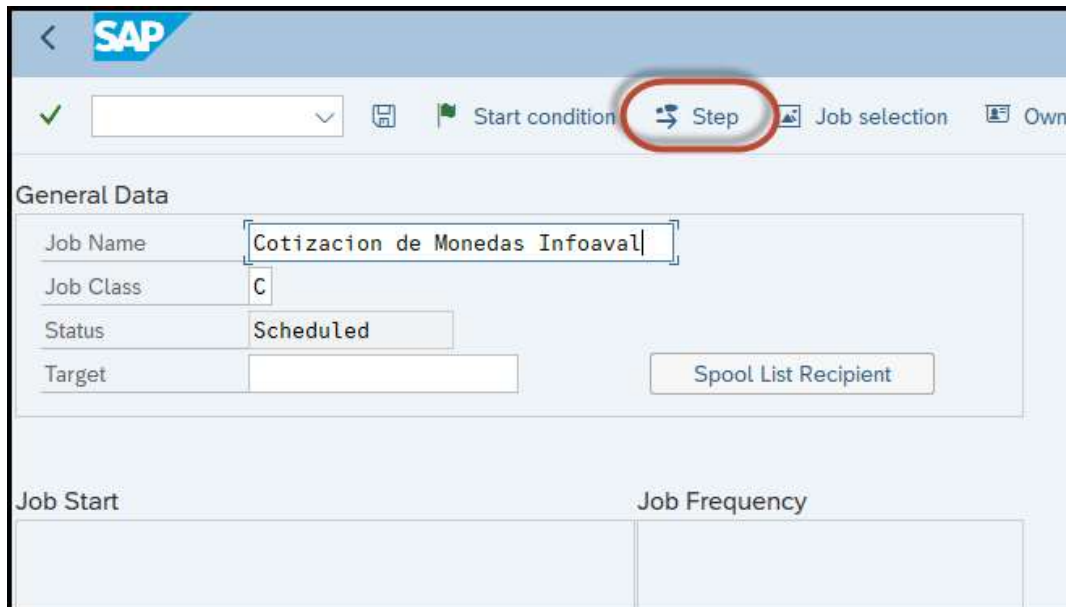
5. Daily job creation

Before you create the job, save a variant in transaction TBD4 with all the same parameters than before.

Suggested variant name: “Job Nocturno” or “Daily Job”



Access then to the SM36 transaction to create the job:



☰
Create Step 1
✕

User User that will execute the job

Program values

ABAP program
External command
External program

ABAP program

Name Program name and previously saved variant

Variant

Language

External Command (command predefined by system administrator)

Name

Parameters

OS

Target Server

External Program (command entered directly by system administrator)

Name

Parameter

Target Server

✓ Check
📄
🖨️ Print Data
✕

⏪

✓

✎
📄
🔍
🔄
🗑️
📄 Spool
⏪

No.	Program name/command	Prog. type	Spool list	Parameters	User	Lang.
1	RFTBDF07	ABAP		JOB NOCTURNO	USER02	EN

The screenshot shows the SAP Job Start configuration interface. At the top, there is a navigation bar with a back arrow, the SAP logo, and a search field. Below the search field, there are several icons and labels: a green checkmark, a dropdown menu, a save icon, a flag icon labeled "Start condition" (circled in red), a right arrow labeled "Step", a job selection icon, and a user icon labeled "Own".

The main section is titled "General Data" and contains the following fields:

- Job Name: COTIZACION DE MONEDAS INFOAVAL (highlighted with a blue box)
- Job Class: C
- Status: Scheduled
- Target: (empty field)
- Spool List Recipient: (button)

At the bottom, there are two sections: "Job Start" and "Job Frequency", each with an empty input field.

The screenshot shows the "Start Time" configuration dialog box. At the top, there is a title bar with a menu icon, the text "Start Time", and a close button. Below the title bar, there are several buttons: "Immediate", "Date/Time" (circled in red), "After Job", "After Event", "Operation Mode", and a right arrow.

The "Date/Time" section contains the following fields:

Date/Time	
Scheduled Start	Date: 16.08.2022 Time: 22:30:00
No Start After	Date: (empty) Time: (empty)

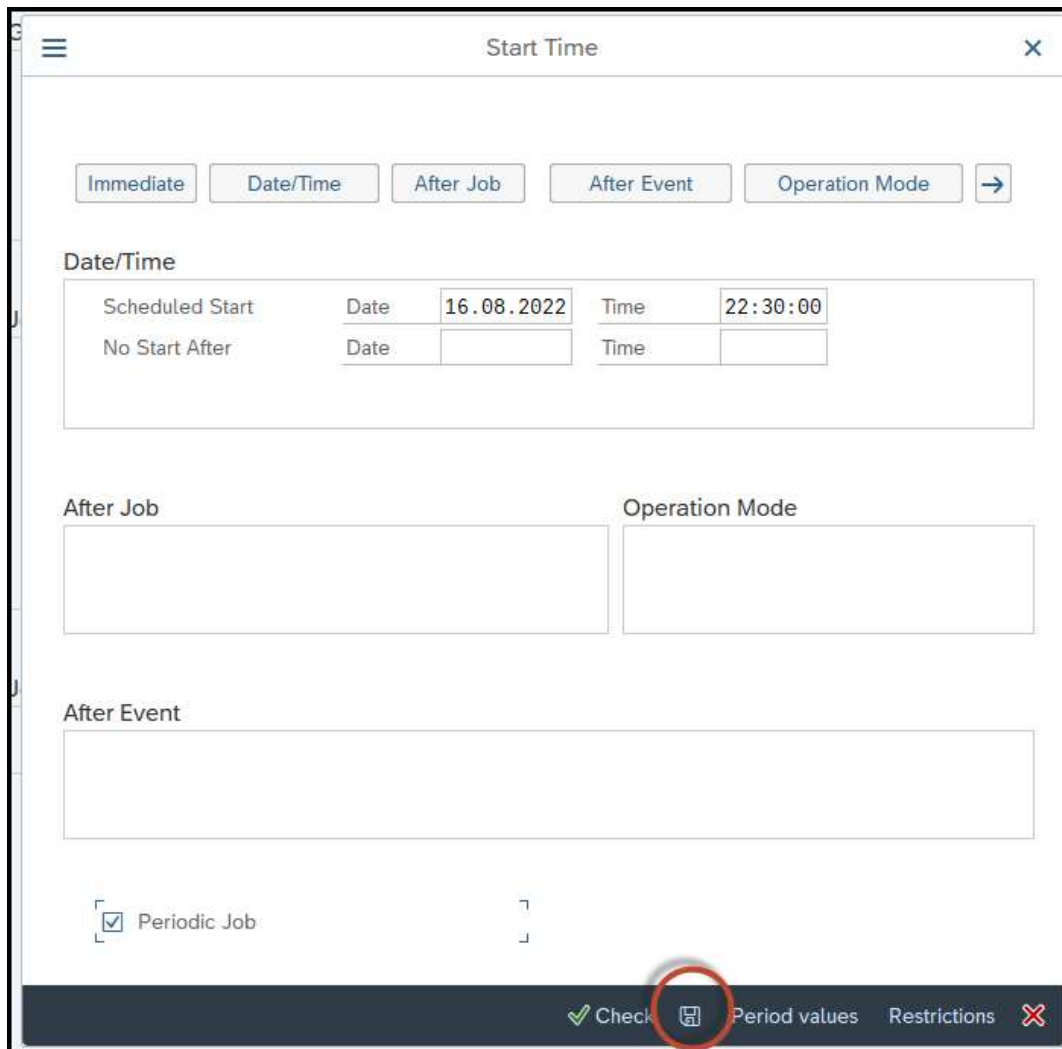
A yellow callout box with a yellow arrow points to the "Date" and "Time" fields in the "Scheduled Start" row, containing the text: "Date and time for starting the periodic job".

Below the "Date/Time" section, there are two empty input fields: "After Job" and "Operation Mode".

Below the "Operation Mode" field, there is an "After Event" section with an empty input field.

At the bottom, there is a "Periodic Job" checkbox (checked and circled in red). A red arrow points from this checkbox to the "Period values" button in the bottom right corner, which is also circled in red.

The bottom bar contains the following buttons: a green checkmark labeled "Check", a save icon, "Period values" (circled in red), "Restrictions", and a red X icon.



Please save it only one time:

The screenshot shows the SAP job configuration interface. At the top, there is a navigation bar with the SAP logo and a search field. Below the search field, there are several icons: a green checkmark, a dropdown menu, a save icon (circled in red), a green flag, 'Start condition', a step icon, 'Step', a job selection icon, and 'Job selection'. The main content area is divided into sections: 'General Data', 'Job Start', 'Job Frequency', and 'Job Steps'.
General Data:
Job Name: COTIZACION DE MONEDAS INFOAVAL
Job Class: C
Status: Scheduled
Target: [empty field] Spool List Recipient: [empty field]
Job Start:
Planned Start: Date 16.08.2022 Time 22:30:00
Job Frequency:
Daily
Job Steps:
1 Step(s) defined

Job COTIZACION DE MONEDAS INFOAVAL saved with status: Released [View details](#)

6. Verification in transaction SM37

SAP

Execute Extended job selection Info

Job Name: []

User Name: USER02

Job Status

Sched. Released Ready Active Finished Canceled

Job Start Condition

From To

From To

Or after event:

Job Step

ABAP Program Name:

First day, defined previously in the SM36 transaction

If you see it like follows, it was created correctly.


SAP Job Overview

Job overview from: 16.08.2022 at: : :
to: 16.08.2022 at: : :
Selected job names: *
Selected user names: USER02

Scheduled Released Ready Active Finished Canceled

Event-Driven Event ID: :
 ABAP program Program name: :

JobName	Spool	Job doc	Job CreatedB	Status	Start date	Start Time	Duration(sec.)	Delay (sec.)
COTIZACION DE MONEDAS INFOVAL			USER02	Released			0	0
*Summary							0	0

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7. Contact information, doubts, questions

If you need any additional information about this document or this process, please write to us at info@infoaval.com.ar.