

OB08.net

Automatic Update of Exchange Rates in SAP

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Customizing and Usage Guide

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

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	OB08.net
	Customizing and Usage Guide

1. About this document

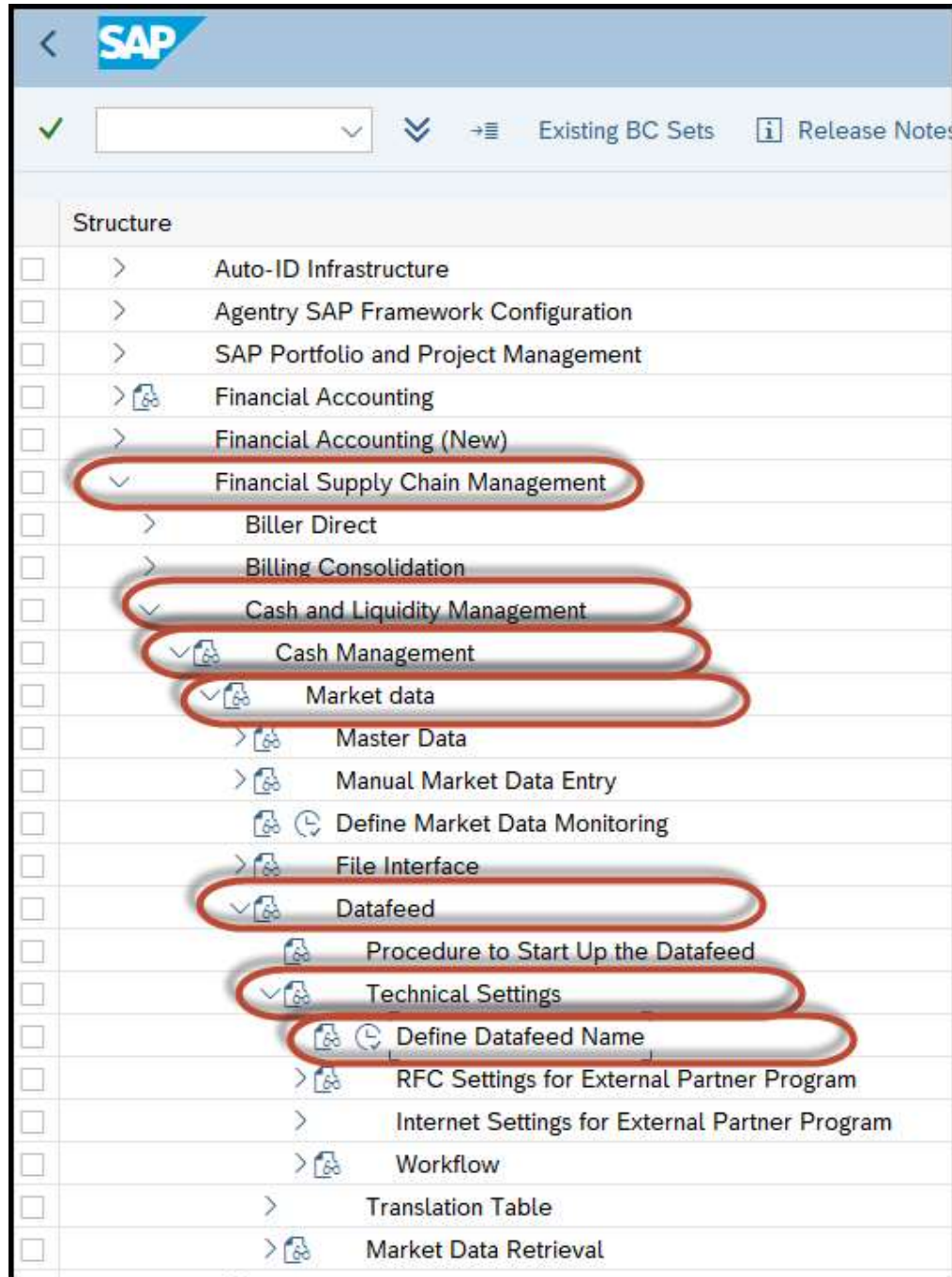
The purpose of this document is to provide the reader (user, SAP consultant) with the general guidelines to customize and to test the **Automatic Exchange Rate Update** functionality, by executing the SAP standard TBD4 transaction.

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



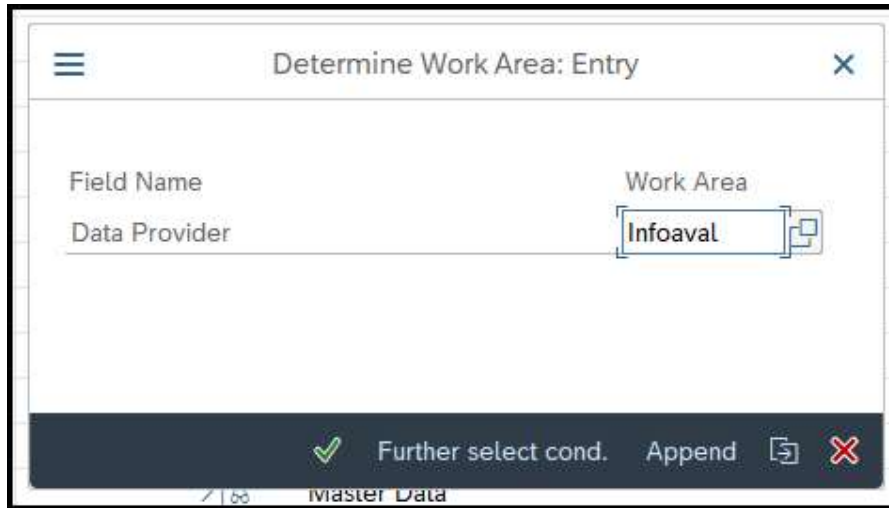
Please respect the use of upper and lower case letters.

SAP Datafeed: Permitted Datafeeds

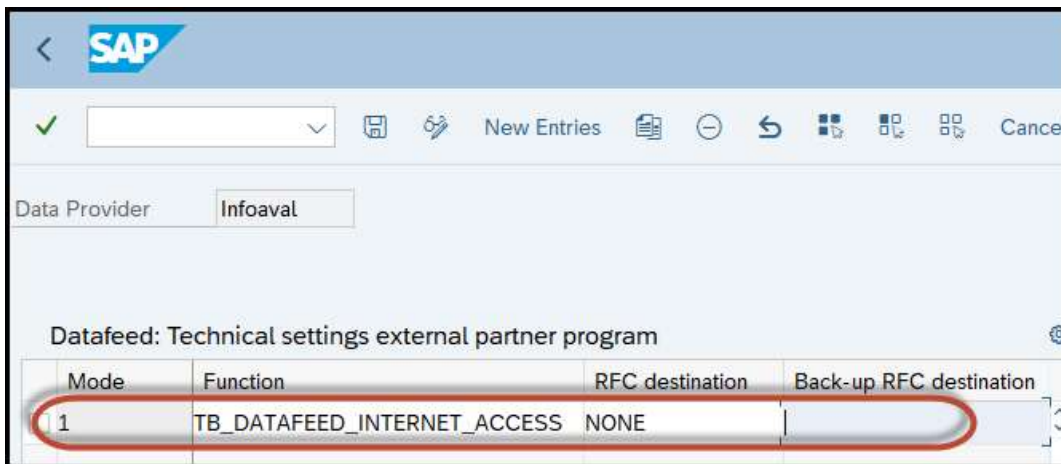
Data Provider	Description	Usage log	FeedActive?	Quotation Origin/...	QuOrig/Comm(06)
Infoaval	Cotizacion de Monedas	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

SAP 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
 - Define RFC Destination
 - Assign Datafeed RFC Destination
 - Define Users for Transactional RFC
 - Define Print Options for Log (Transactional RFC)
 - Internet Settings for External Partner Program
 - Workflow
 - Translation Table

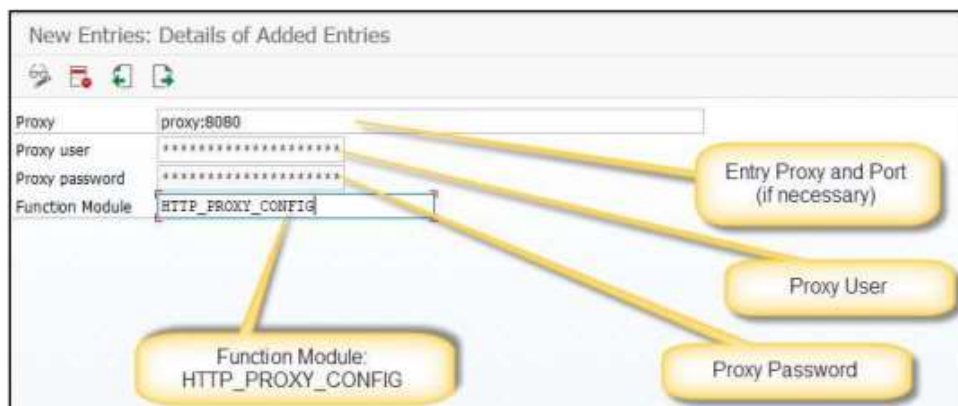


Please respect the use of upper and lower case letters.



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.

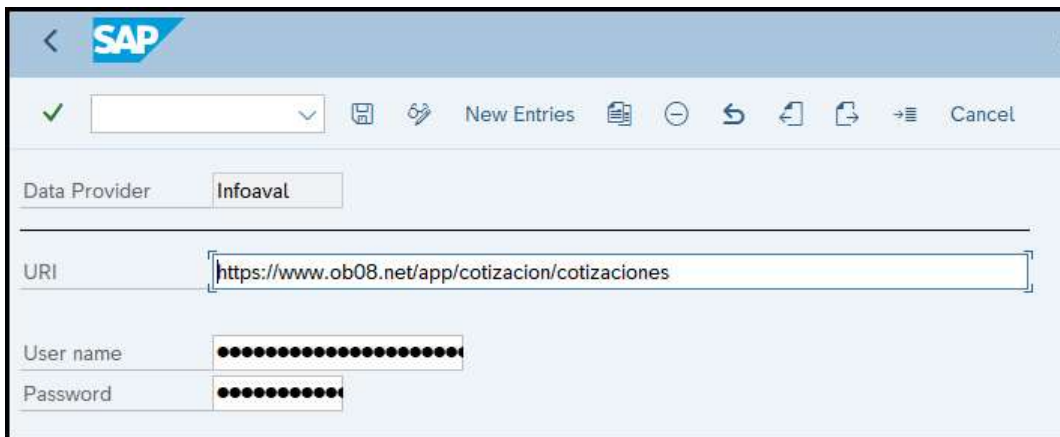
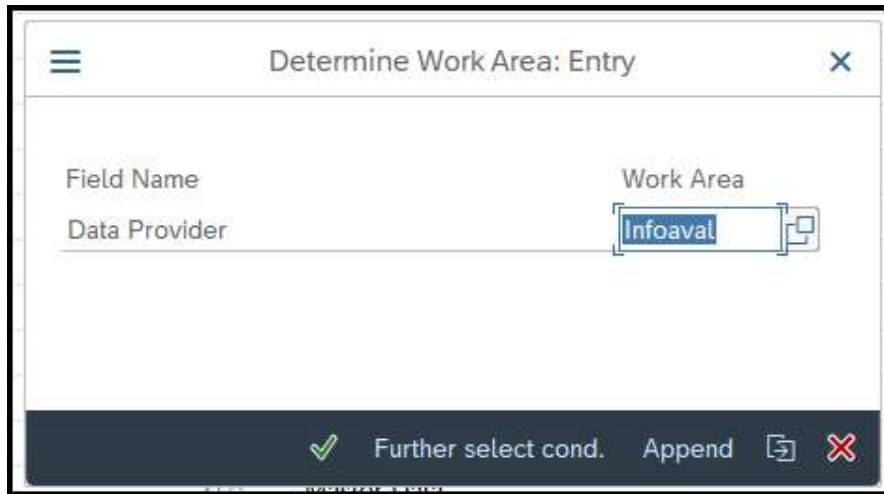


Connection settings:

The screenshot displays the SAP Fiori 'Existing BC Sets' configuration page. The interface includes a top navigation bar with the SAP logo, a search bar, and options for 'Existing BC Sets' and 'Release Notes'. Below the navigation bar is a table with a 'Structure' column and a list of SAP Business Components. The following items are circled in red:

- Financial Supply Chain Management
- Cash and Liquidity Management
- Cash Management
- Market data
- Datafeed
- Technical Settings
- Internet Settings for External Partner Program
- Define Internet Settings for WEB Server Access

The 'Define Internet Settings for WEB Server Access' item is highlighted in yellow.

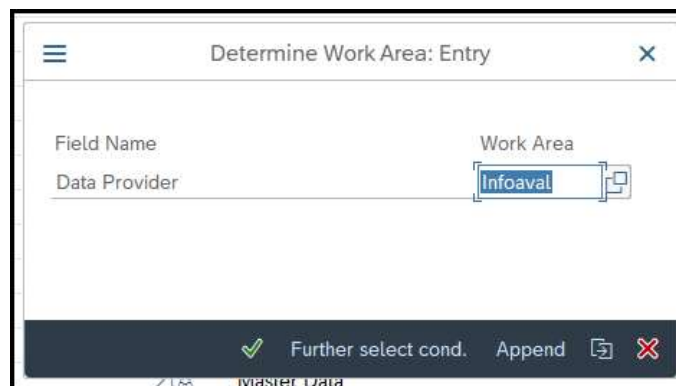
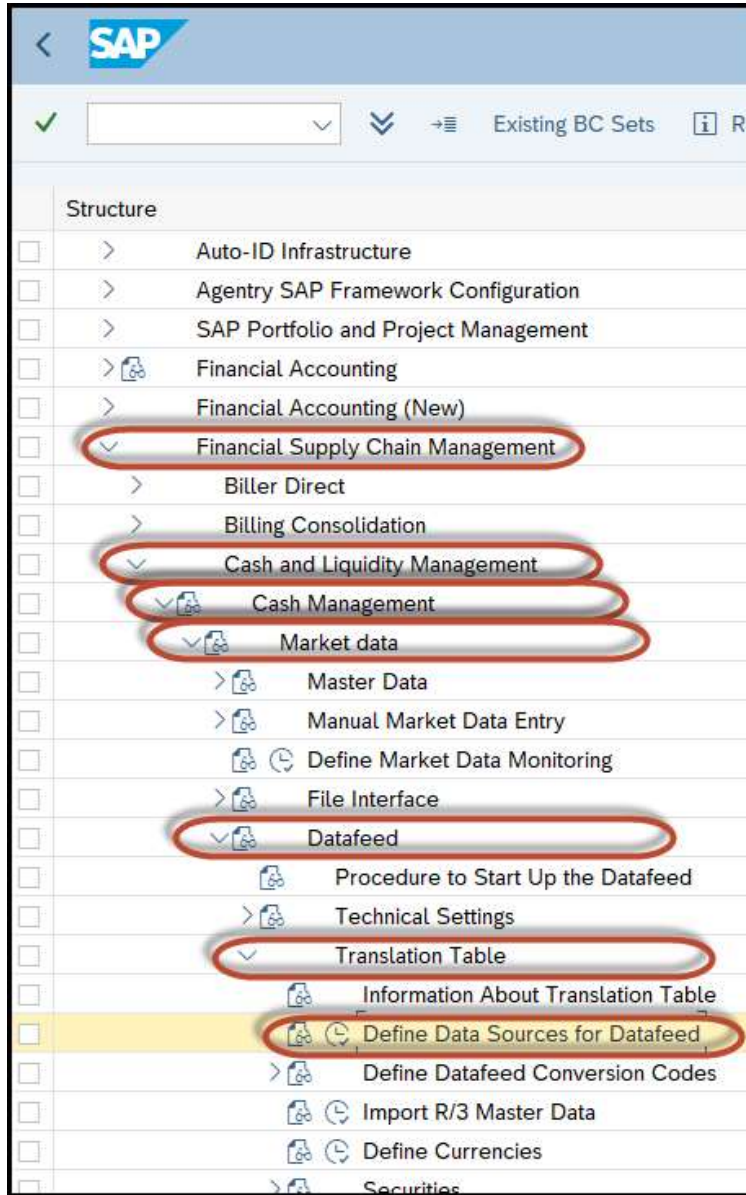


Please respect the use of upper and lower case letters.

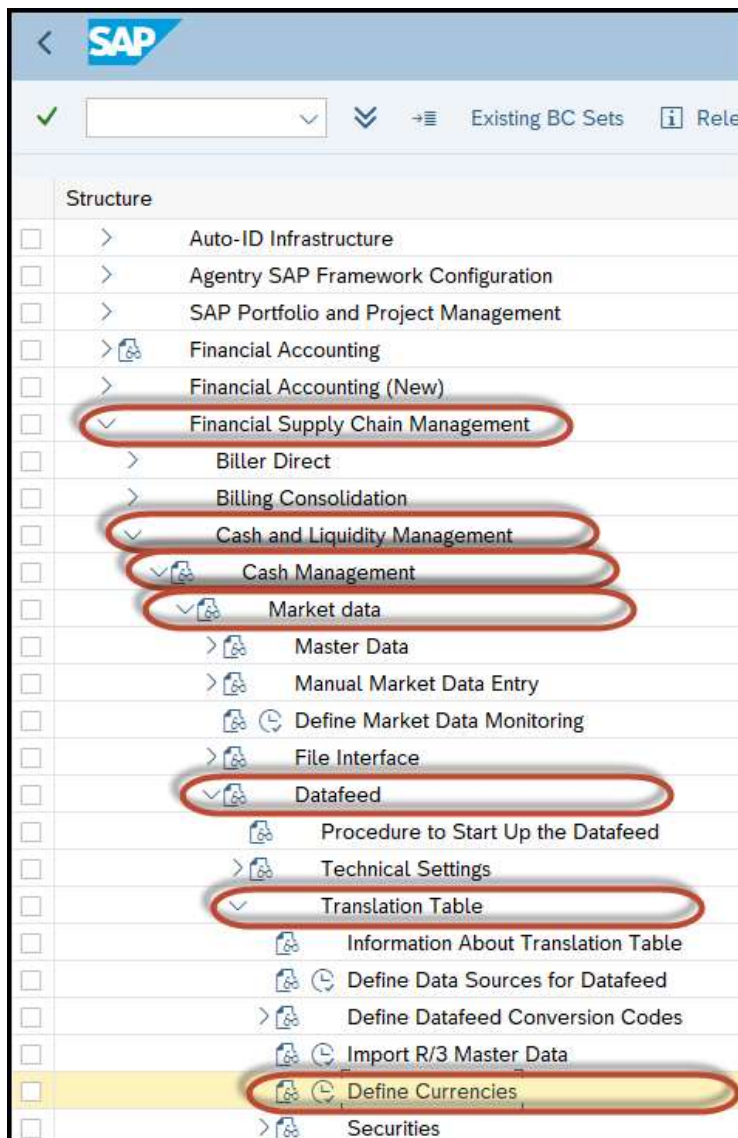
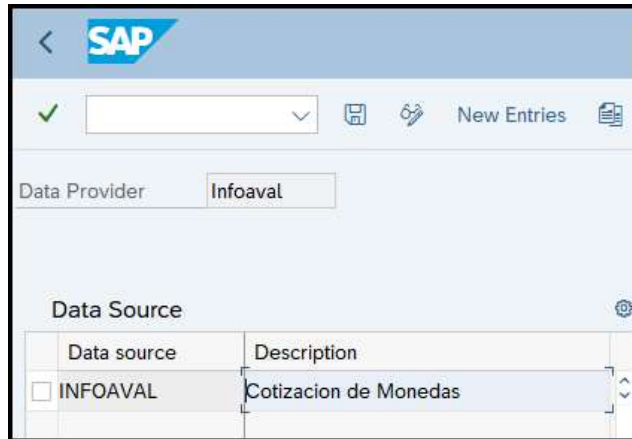
URL: ["https://www.ob08.net/app/cotizacion/cotizaciones"](https://www.ob08.net/app/cotizacion/cotizaciones)

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 screen for a currency pair. The interface includes a top navigation bar with the SAP logo and a toolbar with icons for navigation and actions. The main content is divided into three sections: Administrative Data, Datafeed Parameters, and Currency Settings.

Administrative Data

Crcy Pair	ARS	USD	Rate/Pr.Provis.	<input checked="" type="radio"/> Syst. Request	<input type="radio"/> Real Time
RateType	M		<input checked="" type="checkbox"/> Save market data permanently in system		
			Max. deviation in percent	2	
			<input checked="" type="checkbox"/> Indirect Quotation		

Datafeed Parameters

Data Provider	Infoaval
Instrument	BNAVUSDARS=X
Data Source	INFOAVAL
Property	MAN
Explanation	BNA - USD Divisas Vendedor

Currency Settings

External	Datafeed:	SAP System:
1	: 1	1 : 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 OB08.net configuration interface. 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 the name 'Infoaval' and 'Synchronou' selected. The 'Output Control' section has 'Output List of Results' checked and 'All' selected for the output type. The 'Save Market Data in System Permanently If Defined in Customizing' checkbox is also checked.

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:

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

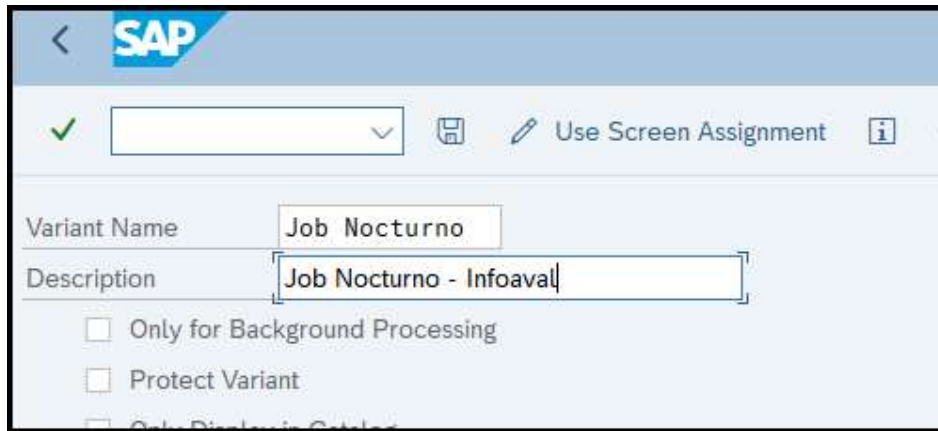
Verification on the official source for this example:

	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		

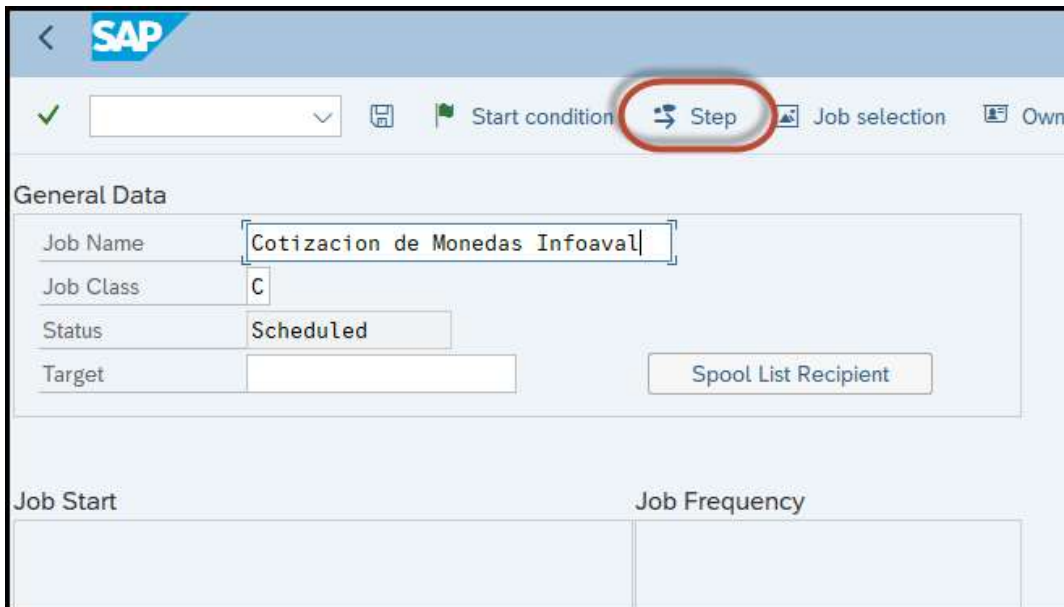
5. Daily job creation

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	RFTBDF07	Program name and previously saved variant
Variant	JOB NOCTURNO	
Language	EN	

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
✕

SAP

✓

 Spool

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

SAP

Start condition Step Job selection Own

General Data

Job Name: COTIZACION DE MONEDAS INFOVAL

Job Class: C

Status: Scheduled

Target: [] Spool List Recipient

Job Start Job Frequency

Start Time

Immediate Date/Time After Job After Event Operation Mode

Date/Time

Scheduled Start	Date	16.08.2022	Time	22:30:00
No Start After	Date		Time	

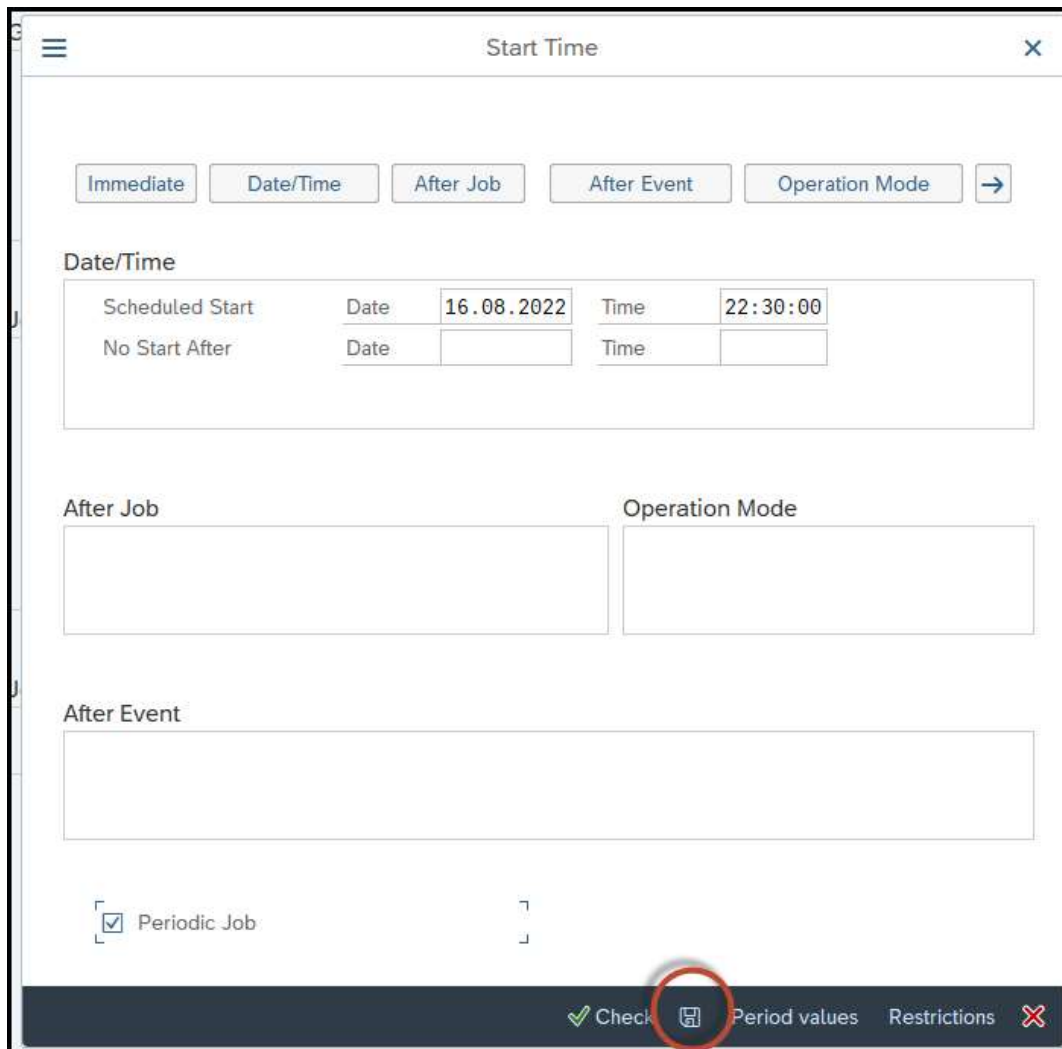
Date and time for starting the periodic job

After Job Operation Mode

After Event

Periodic Job

Check Period values Restrictions



Please save it only one time:

The screenshot shows the SAP Job 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: a green checkmark, a dropdown arrow, a save icon (highlighted with a red circle), a green flag, 'Start condition', a step icon, 'Step', a job selection icon, and a help icon. The main content area is divided into sections: 'General Data' with fields for Job Name (COTIZACION DE MONEDAS INFOAVAL), Job Class (C), Status (Scheduled), and Target; 'Job Start' with 'Planned Start' fields for Date (16.08.2022) and Time (22:30:00); 'Job Frequency' with a dropdown set to 'Daily'; and 'Job Steps' showing '1 Step(s) defined'. A 'Spool List Recipient' button is also visible.



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

6. Verification in transaction SM37

Job Name: []

User Name: USER02

Job Status: Sched. Released Ready Active Finished Canceled

Job Start Condition

From 16.08.2022 To 16.08.2022

From [] To []

Or after event: []

Job Step

ABAP Program Name: []

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

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.)
<input type="checkbox"/> 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.