

BW-DP-Labor Planning Tool Interface (Core query)



The objective of this documentation is not to allow to recreate from scratch the object but **to explain everything that is not obvious** by looking directly at the query/workbook or **emphases on things that are important** for the report to work.

Remove the sections that are not relevant.

Description	<i>BW - Labor Planning Tool (Core Query)</i>
Technical Name	BW_QRY_CPPPCP02_0001
Application	PP
Info-provider	CPPPCP02
Usage type	
Expected users	

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Workbook/Query General Description

This query is a toolbox. Declination of available data will be done by project team.

This query is based a flow existing on WBP, replicated on CPX Mini BW

Bellow WBP documentation

[Functional documentation on Wiki](#)
[Technical documentation](#)

Functional Specification Document :

Report Layout :

<https://drive.google.com/file/d/14ny8CriejFj-WmSLalfpCtORasGYC2GB/view>

General parameters

Global properties

Tab	Screenshot	Comment
Display		
Rows/Columns		
Value Display		
Planning		
Extended		

General

Technical Name: BW_QRY_CPPPCP02_0001

Description:

InfoProvider: CPPPCP02

Key Date: Edit...

Output Settings

Adjust Formatting after Refreshing

Suppress Repeated Key Values

Show Scaling for Measures

Sign Format:

Zero Format:

Custom Zero Format:

Remote Access

By Easy Query

By OLE DB for OLAP

By OData

External SAP HANA View

Result Location

Rows: Above Below

Columns: Left Right

Zero Suppression

Applies to: Rows Columns

Condition:

Universal Display Hierarchy

Active on rows

Expand to Level:

Active on columns

Expand to Level:

Variables

Definitions

Variable Name	Info-object	Selection Type	Required	Description/Explanation
Plant	C_PLANT	Select-option	No	V_C_PLANT_0001
Work Center	C_WORKCTR	Select-option	No	V_C_WORKCTR_0001
Planning Scenario	C_PLSCN	Select-option	No	V_C_PLSCN_0001
Calendar Year/Week	OCALWEEK	Select-option	Yes	V_OCALWEEK_0001

Variable Sequence

Variables Order

Variables

- [V_OCALWEEK_0001] Calendar Week/Year (Select Option, Mandatory)
- [V_C_CURLOC_0001] Your Current Location (Single Value, Mandatory)
- [V_C_PLSCN_0001] Planning Scenario (Select Option, Optional)
- [V_C_PLANT_0001] Plant (Selection Option, Optional)
- [V_C_WORKCTR_0001] Work Center (Selection Option, Optional)

Filters

Object	Filter Value	Explanation

Key figures

Description	type	Restricted or Calculated KeyFigure	Source	Calculation rule	Conversion	Comments
Available Capacity			OSTANDCAP			
Available Capacity Uncounstraint			K_CAPUNCO			
Quantity Input/Output			K_QTYESM			
Target Capacity Requirements Order			OCAPREQMTS			

Key Figure 1

Description

Calculation rule detail

Text Replacement Variable

Currency Conversion

Exchange Rate Type :

Currency :

Time Reference :

Unit Conversion

Unit :

Characteristics

Location	Info-object Name	Info-object Text	Source	Explanation (if needed)						
Row	0SOURSYSTEM	Source System ID		No display						
Row	C_PLANT	Plant		Key + tex						
Row	C_WORKCTR	Work Center/Ressource		Key + text						
Row	C_MATNR	Material		Key + tex						
Free	C_PLSCN	Planning Scenario		Key						
Free	0BASE_UOM	Base UOM		Key						
Free	0CAPA_UNIT	Unit of Capacity Requierement		Key						
Free	0INFOPROV	Infoprovider		Key						
Free	1CUDIM	Currency/Unit		Key						
Free	C_PLANR	Department	TC27T-PLANR	Key + Text PLANR => Capacity planner group If 2 capacity in certain work center. Capacity Category 001 (Machine time) should be selected. CRHD->KAKO-PLANR->TC27T-Capacity Planner Group Text						
Free	C_PRODVER	Production Version		Key						
Free	0CALWEEK	Weeks # Calculation based on Work Center/Calendar								
Free	C_ZPLNID	Snapshot		Key						
Free	C_WORKCTR__0FACTCAL_ID	Calendar	KAKO-KALID (KAPID??) description in table TFACT description KAKT-KTEXT	Key + text <table border="1" data-bbox="946 1612 1339 1690"> <thead> <tr> <th>ID</th> <th>Lang...</th> <th>Short text</th> </tr> </thead> <tbody> <tr> <td>10000197</td> <td>E</td> <td>France 3x8</td> </tr> </tbody> </table> If 2 capacity in certain work center. Capacity Category 001 (Machine time) should be selected.	ID	Lang...	Short text	10000197	E	France 3x8
ID	Lang...	Short text								
10000197	E	France 3x8								
Free	C_CURLOC	Current Location		Added for authorization management : USA / OTHERS						
Free	0CALMONTH	Month		Based on End date of week (Sunday) Determine month and show up in the report						
Free	C_WEEKDAY	End date of Week (Sunday)		Based on Week in the report, list date of sunday in that week						

C_WORKCTR__OPP _CAPID	Capacity ID		
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Cells

Conditions

Condition Name	Active By default	Key Figure (Structure)	Operator	Value	Characteristic Assignment

Exceptions

Exception Name	Active By default	Alert Level	Operator	Value	Other parameters (if different from default)
	Yes/No				

Data check with WPX

Transaction CR03 to display work center masterdata

Table CRHD Work Center Header