

Project System

SAP Implementation at IESCO

Training Document

Versions

PD Construction

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Versions

1 Purpose

Document

Project Versions are helpful in comparing the status of a project at different intervals.

Prerequisites

Projects versions need to be created by user.

1.1 Process Steps (PD Construction)

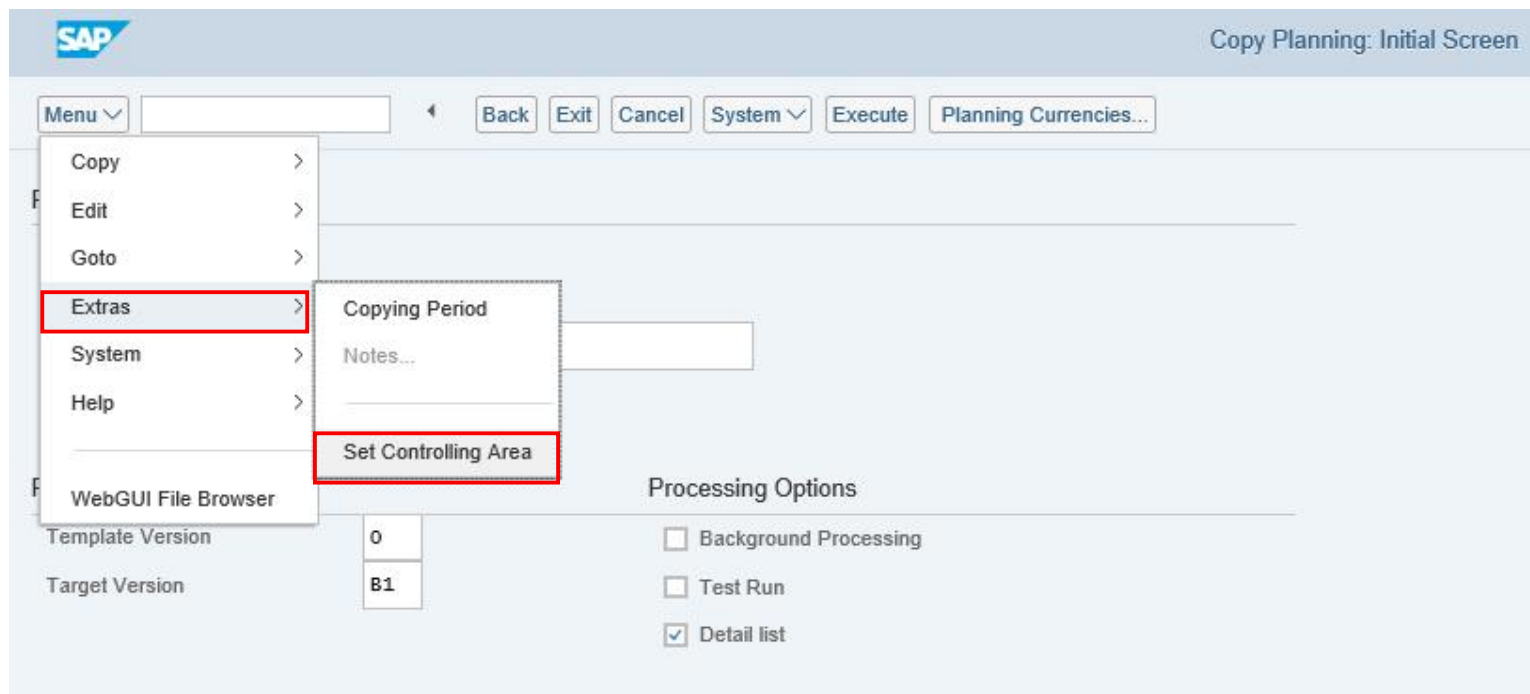
1.1.1 Create CO Version

Use

It is used to maintain the original Plan Cost, so that once original plan is revised it can be compared with the initial plan.

Procedure

1. Access the “Copy Plan” App, From Fiori Launchpad:
2. Click on Menu go to Extras and choose Set Controlling Area



3. Update the following required and optional fields:

Field name	Description	User action and values	Comments
Controlling Area	An organizational unit within a company, used to represent a closed system for cost accounting purposes	Example: 1000	

4. Click Continue button

5. Update the following required and optional fields:

Field name	Description	User action and values	Comments
Project definition	A framework for a business undertaking with a fixed goal to achieve with given resources.	Example: PC.2018-85-0001	

6. Click Help Search for Template Version

Version (1) X

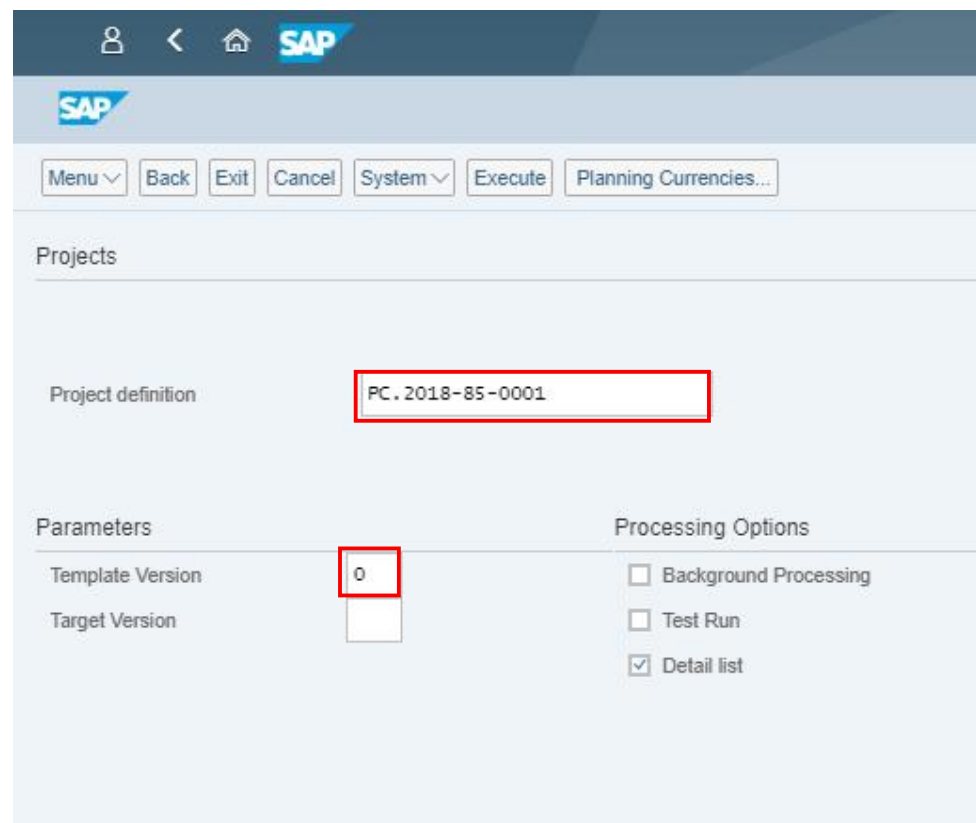
[Restrictions](#)

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Controlling Area	Vsn	Actual	Plan	Version Description
1000	0	X	X	Plan/Act - Version
1000	1		X	Plan Version: Change 1
1000	2		X	Plan Version: Change 2
1000	3		X	Plan Version: Change 3
1000	B1		X	Capital Budget from Department
1000	B2		X	Capital Budget from Department
1000	B3		X	Capital Budget from Department
1000	ECP		X	Easy Cost Planning

8 Entries found

7. Click 0 and press enter



A screenshot of the SAP Project System (PS) interface. The top bar includes a user icon, navigation arrows, and the SAP logo. Below this is a menu bar with buttons: Menu (dropdown), Back, Exit, Cancel, System (dropdown), Execute, and Planning Currencies... The main area is titled 'Projects'. Under 'Project definition', the 'Project definition' field contains the value 'PC. 2018-85-0001', which is highlighted with a red rectangle. Below this are two sections: 'Parameters' and 'Processing Options'. In the 'Parameters' section, the 'Template Version' field contains the value '0', also highlighted with a red rectangle. The 'Target Version' field is empty. In the 'Processing Options' section, there are three checkboxes: 'Background Processing' (unchecked), 'Test Run' (unchecked), and 'Detail list' (checked).

Parameters		Processing Options	
Project definition	PC. 2018-85-0001	☐ Background Processing	
Template Version	0	☐ Test Run	
Target Version		☒ Detail list	

8. Click Search Help button for Target Version

Version (1) X

> Restrictions ...

Controlling Area	Vsn	Actual	Plan	Version Description
1000	0	X	X	Plan/Act - Version
1000	1		X	Plan Version: Change 1
1000	2		X	Plan Version: Change 2
1000	3		X	Plan Version: Change 3
1000	B1		X	Capital Budget from Department
1000	B2		X	Capital Budget from Department
1000	B3		X	Capital Budget from Department
1000	ECP		X	Easy Cost Planning

8 Entries found

🔍
✓
📄
✗

9. Click B1 version, and press enter

Menu ▾ Back Exit Cancel System ▾ **Execute** Planning Currencies...

Projects

Project definition PC . 2018-85-0001

Parameters		Processing Options
Template Version	0	☐ Background Processing
Target Version	B1	☐ Test Run
		☒ Detail list

10. Click Execute button



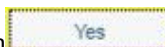
Copy Values

Existing data in the target version will be overwritten

? Do you really want to copy?

Yes No Cancel

11. Click Yes button



Menu ▾	Back	Exit	Cancel	System ▾	First Column	Column Left	Column Right	Last Column	Messages	Sort in Ascending Order	Sort in Descending Order	Set Filter	Current...
--------	-------------	------	--------	----------	--------------	-------------	--------------	-------------	----------	-------------------------	--------------------------	------------	------------

Controlling Area	1000	IESCO
Template	Version	0
Target	Version	81
Project definition	PC.2018-85-0001	Thatti Kelra
with orders	X	Parameters including all orders
Processing Status	Update Run	Existing Planning Data: Reset and Overwrite
Copied Records	7	

12. Click Back , Press Yes against Leave List message

Result:

One Plan Version has been copied to another Plan version.

1.1.2 Project Version

Use

It is used to maintain the Project Snapshot at a particular time, for comparison purpose.

Procedure

1. Access the “Save Project Version” App, From Fiori Launchpad:

2. Update the following required and optional fields:

Field name	Description	User action and values	Comments
Project definition	A framework for a business undertaking with a fixed goal to achieve with given resources.	Example: 000000000001	

3. Click Continue button

Save Project Versions

Save Project Versions

Menu ▾
Save as Variant...
Back
Exit
Cancel
System ▾
Execute
Dynamic selections
Other sel. version
Test selection scope
Change DB profile
Other DB profile
Status

Project Management Selections (Other DB profile: 000000000001)

Project	PC-2018-85-0001	to		□→
WBS element		to		□→
Network/order		to		□→
Activity		to		□→
Materials in network		to		□→

Additional WBS element criteria

Level	1	to	99	
-------	---	----	----	--

Project version specifications

Version key	?		Find open number	
Description				
Version Group	?			
☐ MTA relevant				
☐ Next open number				

4. Update the following required and optional fields:

Field name	Description	User action and values	Comments
Project	A framework for a business undertaking with a fixed goal to achieve with given resources.	Example: PC.2018-85-0001	
MTA Relevant		Uncheck	

5. Click Find open number button

Find open number

6. Update the following required and optional fields:

Field name	Description	User action and values	Comments
Start Value	Version Key	Example: PCVER0000001	Number of version

7. Click Find button

Find Open Number

Search area

Start value

PCVER0000001

Finish value

PCVER9999999

Search strategy

☒ Find next open number

☐ Find number after last assigned

Proposed

PCVER0000001

✓

Q

Q+

×

8. Press Enter
9. Update the following required and optional fields:





Save Project Versions


Save Project Versions

Menu ▾
Save as Variant...
Back
Exit
Cancel
System ▾
Execute
Dynamic selections
Other sel. version
Test selection scope
Change DB profile
Other DB profile
Status

Project Management Selections (Other DB profile: 000000000001)

Project	PC. 2018-85-0001	to		□→
WBS element		to		□→
Network/order		to		□→
Activity		to		□→
Materials in network		to		□→

Additional WBS element criteria

Level	1	to	99
-------	---	----	----

Project version specifications

Version key	PCVER0000001	Find open number
Description		
Version Group	PC2018850001	
☐ MTA relevant		
☐ Next open number		

Field name	Description	User action and values	Comments
Version group		Example: PC2018850001	Use the description field to specify the objects to be included in the project version.

10. Press Enter

11. Click Execute button

Result:

Project Version / Project Snapshot at particular time has been saved.

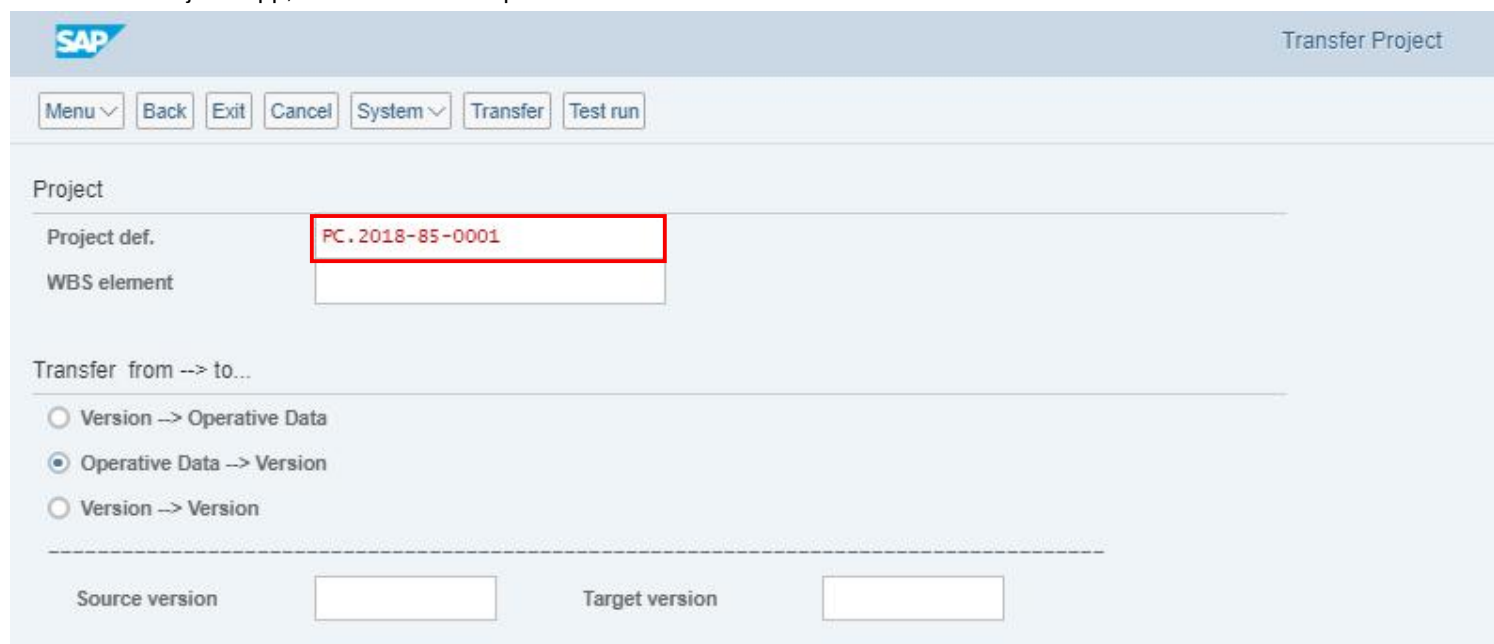
1.1.3 Transfer Project to Simulation

Use

It is used to transfer operative project to simulation version, so that changing can be simulated.

Procedure

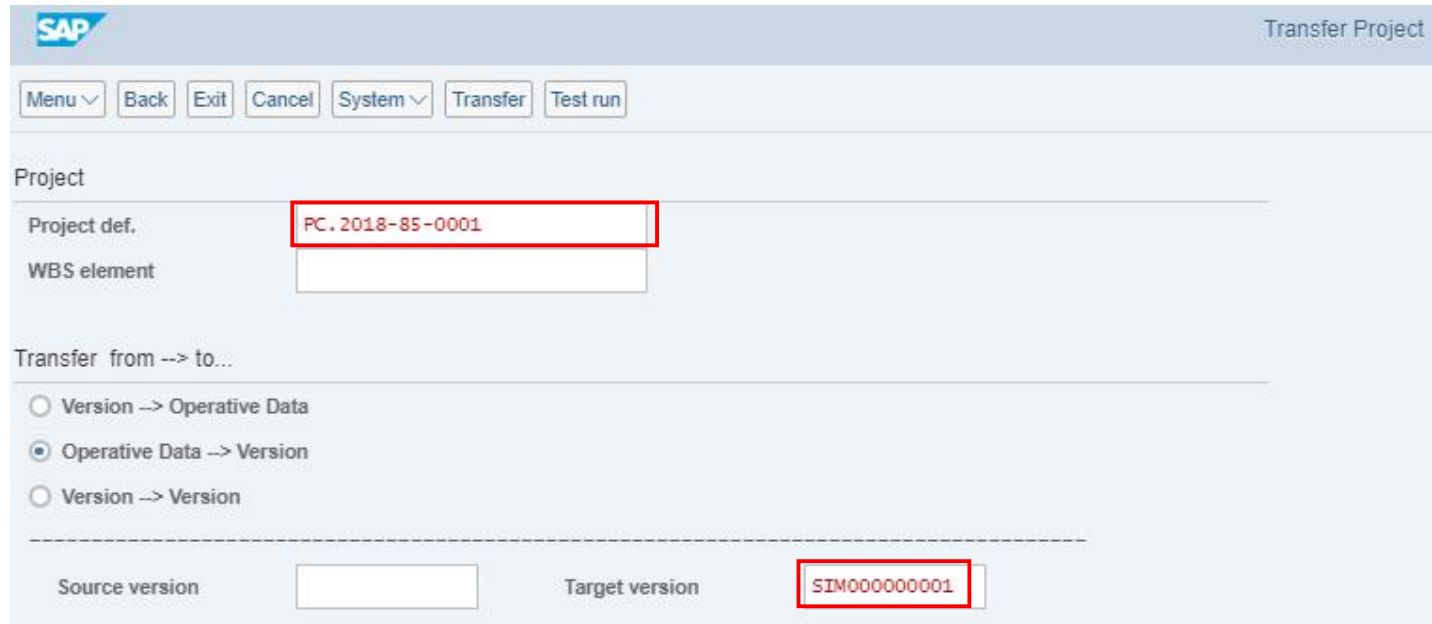
1. Access the "Transfer Project" App, From Fiori Launchpad.



2. Update the following required and optional fields:

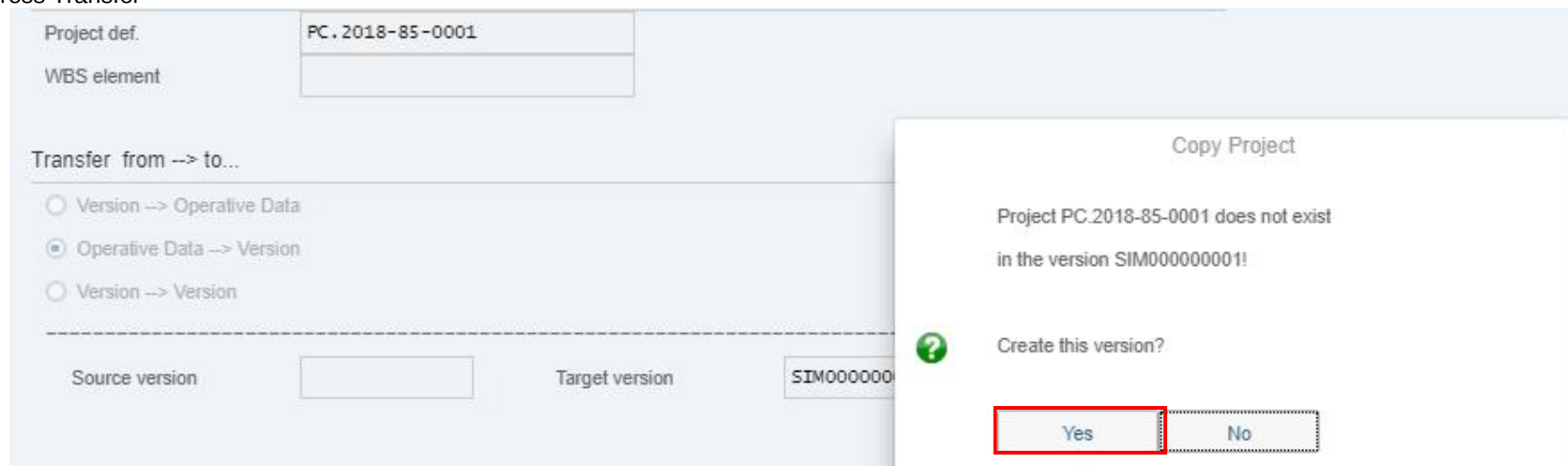
Field name	Description	User action and values	Comments
Project Def.	A framework for a business undertaking with a fixed goal to achieve with given resources.	Example: PC.2018-85-0001	
Target Version		Example: SIM000000001	Enter the name of the version to be transferred in the Source version field

3. Select option Operative to Version



The image shows the SAP 'Transfer Project' dialog box. At the top, there is a menu bar with buttons: Menu, Back, Exit, Cancel, System, Transfer, and Test run. Below this, the 'Project' section contains two input fields: 'Project def.' with the value 'PC. 2018-85-0001' and 'WBS element' which is empty. The 'Transfer from --> to...' section has three radio button options: 'Version --> Operative Data', 'Operative Data --> Version' (which is selected), and 'Version --> Version'. At the bottom, there are two input fields for 'Source version' (empty) and 'Target version' with the value 'SIM000000001'.

4. Press Transfer



The image shows the same SAP 'Transfer Project' dialog box as in the previous step, but with an error message displayed. The error message box, titled 'Copy Project', contains the text: 'Project PC.2018-85-0001 does not exist in the version SIM000000001!'. Below this text is a question mark icon and the text 'Create this version?'. At the bottom of the error box are two buttons: 'Yes' and 'No'. The 'Yes' button is highlighted with a red border.

Result:

Simulation version has been created.

Note:

There are three ways of working with simulation versions:

Version -> Operative data

- You transfer a simulation version to an operative project
Enter the name of the version to be transferred in the **Source version** field

Operative data -> Version

- You transfer the data from an operative project to a new simulation version.
Enter the name of the version to be created in the **Target version** field.

Version -> Version

- You transfer one simulation version to another new one.
Enter the name of the version to transfer in the **Source version** field and the name of the new version in the **Target version** field.