

DOE CPP Export in P6 EPPM

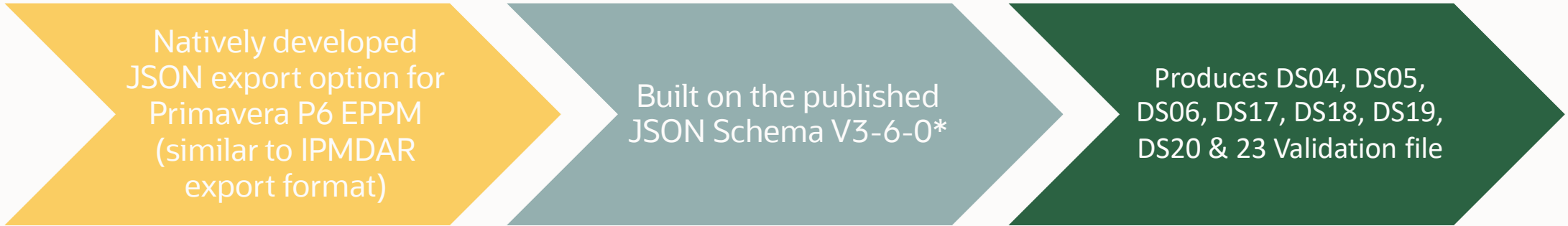
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Solution Consulting Manager

Agenda

- 1 Overview of engagement with Oracle P6 EPPM Development and DOE
- 2 Demo of CPP Export
- 3 Testing Effort and Call to Action!

What is the DOE CPP Export



Released
Version
22.12.2
February

Will use this version for testing effort



Only for single project export currently

Planned
Version
22.12.4
April



Must be defined in web interfaces first to be accessed in Pro

Planned
Version
22.12.10
October



CPP Export in P6 Web

—
As available in 22.12

Choose Export from the Actions menu

The screenshot displays the Oracle Primavera P6 EPPM interface. At the top, the title bar reads "ORACLE Primavera P6 EPPM". Below this is a navigation bar with tabs for "Dashboards", "Portfolios", "Projects", "Resources", and "Approvals". The "Projects" tab is active, and a sub-menu is open with options: "EPS", "Activities", "Team Usage", "Assignments", "Issues", "Documents", and "Risk". The "EPS" sub-menu is further expanded to show "Enterprise Project Structure". Within this structure, there are controls for "Actions", "Open", "Expand All", "Collapse All", "Views", and "Default View". The "Actions" dropdown menu is open, and the "Import/Export Projects" option is highlighted with a red rectangular box. Other options in the "Actions" menu include "Define Baselines", "Publish Projects", "Summarize Projects", "Auto Reorganize" (with a checkmark), "Close All", "Release Exclusive Lock", "Global Search & Replace", and "Delete Published Data". Below the menu, a list of project entries is visible, including "Saratoga Senior Community", "Juniper Nursing Home", "East Wing Expansion", and "Energy Services". A "Download" link is located at the bottom of the interface.



Choose DOE CPP Format, then select your project and project baseline to Export

Import/Export Projects

Import **Export**

Export Type

Primavera XML Export to zip

- Primavera XML
- Microsoft Project XML 2010
- Microsoft Project XML 2013
- Microsoft Project XML 2016
- UN/CEFACT XML Format 6
- DOE - CPP**

Financial Period Calendar Base

Cancel Export

Import/Export Projects

Import **Export**

Export Type

DOE - CPP

Field Name	Count
Project	
Scheduled Date	
Summarized Date	
Data Date	
Baseline Project	
Template	

Haitang Corporate Park

Haitang Corporate Park - B1

CPP Template-Default

Manage Templates Cancel Validate Export

Currently this is a single project selection, future functionality will include multi project selection

Select or Create a Template

A template will be used to include additional data that is not part of the P6 project. It will also give you the opportunity for data mapping.

- Click *MANAGE TEMPLATES* to **create, import or edit a template**

Import/Export Projects

Import **Export**

Export Type
DOE - CPP

Project
Haitang Corporate Park

Scheduled Date
23-Jul-15 06:34 AM

Summarized Date
23-Mar-16 06:44 AM

Data Date
26-Sep-15 08:00 PM

Baseline Project
Haitang Corporate Park - B1

Template
CPP Template-Default

Manage Templates

Cancel Validate Export

Manage CPP Templates

+ Add + Import Template Search

Name
CPP Template-Default

Manage Templates

Back Cancel Save

Importing a template

The screenshot shows the 'Manage CPP Templates' interface. At the top, there are buttons for '+ Add' and '+ Import Template', and a search bar. Below this is a table with a header 'Name *' and a single entry 'CPP Template-Default'. An 'Import Template' button is positioned above the table. A modal dialog titled 'Import CPP Format Template' is open in the foreground. It contains the text: 'Import will add CPP Template and add respective mapped codes and UDFs. Select a file to import.' Below this text is an 'Import File' field with the value 'CPPTemplate-Default_64_2023-01...' and a file selection icon. A checkbox labeled 'Import mapped codes and UDFs' is checked. At the bottom of the dialog are 'Cancel' and 'Import' buttons. The main dialog has a '< Back' button at the bottom left and 'Cancel' and 'Save' buttons at the bottom right.



Manage CPP Templates



+ Add + Import Template Search

Name *

Import Template

[CPP Template-Default](#)

Import CPP Format Template



Import will add CPP Template and add respective mapped codes and UDFs. Select a file to import.

Import File

CPPTemplate-Default_64_2023-01...

Import mapped codes and UDFs

Cancel

Import

< Back

Cancel

Save

Template Details - Project

Identify critical project information including PARSID

CPP Template - CPP Template-Default

Template Name * **Project** EC00501 - Haitang Corporate Park

Baseline Project EC00501 - B1 - Haitang Corporate Park - B1

Project | Schedule | Schedule Logic | Schedule Resources

Project Details

PARSID * ...

CPP Status Date * 📅

Difference between CPP Status Date and Data date should not be more than 1 day.

revision * ▲ ▼

\$\$schema

< Back Cancel Save As Save



Template Details - Schedule



CPP Template - CPP Template-Default
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✕

Template Name *

Project EC00501 - Haitang Corporate Park

Baseline Project EC00501 - B1 - Haitang Corporate Park - B1

Project

Schedule

Schedule Logic
Schedule Resources

DS04_schedule: This data set should be populated with the project's contractor BL and FC IMS tool data for the entire span of the project (not the contract). Provide the contractor BL and FC IMS tool data by task. There should be alignment between the BL and FC IMSs.

Auto Map
Views
Default View
Search

Field Name	Locked	Mapping	Description
ParsID	Yes	1998	PARS identifier for the project for which data is submitt...
CPP_Status_Date	Yes	13-Jan-23	Contractor data-as-of-date.
schedule_type	Yes	Calculated field	Schedule type selection: • BL = baseline • FC = forecast Th...
task_ID	Yes	Activity ID	Task identifier.
type	Yes	Activity Type	Task type selection: • A = activity • M = milestone (The data...
description	No	Est. Costs	Unique task description. Should be descriptive with a verb.
subtype	No	subtype	Task subtype selection: • SVT = A non-PMB task for visibilit...
milestone_level	No	milestone_level	Milestone level selection for tasks that identify key mileston...
milestone_level_descri...	No	Gate Status	Milestone level description. Should align with DS04.milesto...
WBS_ID	No	Cost Status	WP or PP WBS identifier. Explain in DS04.justification_WBS...
justification_WBS	No	Scope Status	Justification narrative for WBS identifier is not WP or PP WB...
CAM	No	Quality	CAM selection: • CAM name for DS01.type = CA, WP, PP, or...
EVT	No	EVT	EVT selection that should be aligned with DS03.EVT (explan...
justification_EVT	No	Customer Satisfaction	Justification narrative where DS04.EVT = P, G, H, I, L, M, N...

< Back
Cancel
Save As
Save



Template Details – Schedule Logic



CPP Template - CPP Template-Default

Template Name * Project EC00501 - Haitang Corporate Park
Baseline Project EC00501 - B1 - Haitang Corporate Park - B1

Project Schedule **Schedule Logic** Schedule Resources

DS05_schedule_logic: This data set should be populated with the project's contractor BL and FC IMS tool task relationship data for the DS04 tasks. The contractor BL and FC IMS tool task relationship data by task and predecessor. There should be alignment between the BL and FC IMSs.

Views Default View Search

Field Name	Locked	Mapping	Description
ParsID	Yes	1998	PARS identifier for the project for which is submitted.
CPP_Status_Date	Yes	13-Jan-23	Contractor data-as-of-date.
schedule_type	Yes	Calculated field	Schedule type selection: • BL = baseline • FC = forecast Th...
task_ID	Yes	Activity ID (Successor)	Unique task identifier.
predecessor_ID	Yes	Activity ID.(Predecess...	Task identifier of the predecessor task. The data should alig...
type	Yes	Relationship Type	Task relationship (task to its predecessor) selection: • FS = ...
lag_days	Yes	Lag	Task relationship lag (work days) based on predecessor's c...
subproject_ID	Yes	Project Short Name	Unique subproject identifier. Tasks not in scope of project s...

< Back Cancel Save As Save



Template Details – Schedule Resources

CPP Template - CPP Template-Default

Template Name * Project EC00501 - Haitang Corporate Park
Baseline Project EC00501 - B1 - Haitang Corporate Park - B1

Project Schedule Schedule Logic **Schedule Resources**

DS06_schedule_resources: This data set should be populated with the project's contractor BL and FC IMS tool task resource data for the DS04 tasks. Provide the contractor BL and FC IMS tool task resource data by task and resource identifier. There should be alignment between the BL and FC IMSs.

Auto Map Views Default View Search

Field Name	Locked	Mapping	Description
ParsID	Yes	1998	PARS identifier for the project for which is submitted.
CPP_Status_Date	Yes	13-Jan-23	Contractor data-as-of-date.
schedule_type	Yes	Calculated field	Schedule type selection: • BL = baseline • FC = forecast Th...
task_ID	Yes	Activity ID	Unique task identifier.
resource_ID	Yes	Resource ID	Unique resource identifier.
resource_name	Yes	Resource Name	Resource name
type	Yes	Resource Type	Resource type selection: • labor where DS06.EOC = labor • ...
EOC	No	EOC	EOC selection: • labor • material • subcontract • ODC • over...
start_date	Yes	Start (Assignment Star...	Resource start date. For FC IMS, updated resource start or ...
finish_date	Yes	Finish (Assignment Fin...	Resource finish date. For FC IMS, updated resource finish o...
budget_dollars	Yes	Planned Cost	Total budget (dollars).
actual_dollars	Yes	Actual Cost	Total actual (dollars).
remaining_dollars	Yes	Remaining Cost	Total remaining (dollars).
budget_units	Yes	Planned Units	Total budget (units). Units of measure are specified in UOM

< Back Cancel Save As Save



Validate your Export

Click *Validate* to complete a high level overview

Import/Export Projects

Import **Export**

Export Type
DOE - CPP

Project
Haitang Corporate Park

Scheduled Date
23-Jul-15 06:34 AM

Summarized Date
23-Mar-16 06:44 AM

Data Date
26-Sep-15 08:00 PM

Baseline Project
Haitang Corporate Park - B1

Template
CPP Template-Default

Field Name	Count
Project Activities	73
Baseline Activities	72
Project Activities - Not Started	70
Baseline Activities - Not Started	72
Project Activities - In Progress	1
Baseline Activities - In Progress	0
Project Activities - Completed	2
Baseline Activities - Completed	0
Project Activity without respective Baseline ...	1
Project Activities - Constrained Activities	0
Baseline Activities - Constrained Activities	0
Project Relationships	95
Baseline Relationships	93
Project Assignments - Lag > 0	7
Baseline Assignments - Lag > 0	7
Project Resource Assignments	80
Baseline Resource Assignments	79

Manage Templates

Cancel **Validate** Export



Run Export and view Validation Log

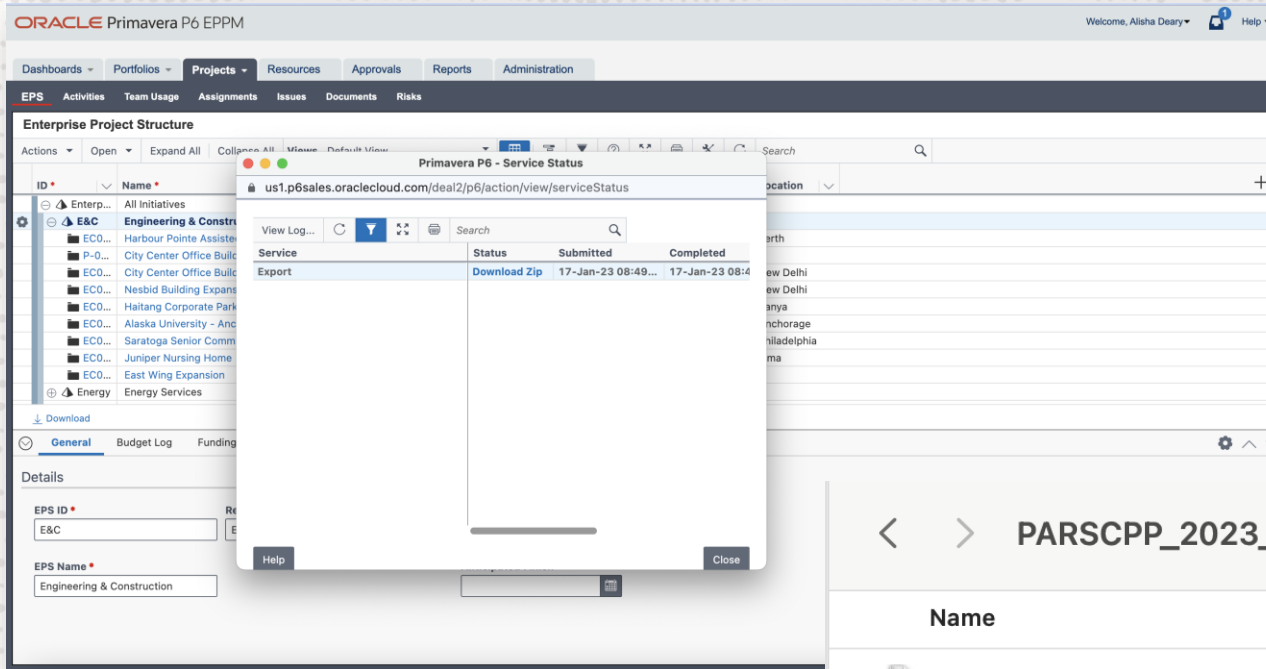
The 'Import/Export Projects' dialog box is shown with the 'Export' tab selected. An 'Information' pop-up window titled 'Job Submitted' is overlaid on top. The pop-up contains the text: 'The Export job was submitted. To check the status of this service, under User Menu, select View Service Status'. Below the text is an 'OK' button. A red starburst with the number '2' is placed over the 'OK' button.

	Count
	73
	72
	70
	72
	1
	0
	2
	0
Project Activity without respective Baseline ...	1
Project Activities - Constrained Activities	0
Baseline Activities - Constrained Activities	0
Project Relationships	95
Baseline Relationships	93
Project Assignments - Lag > 0	7
Baseline Assignments - Lag > 0	7
Project Resource Assignments	80
Baseline Resource Assignments	79

The Oracle Primavera P6 EPPM interface is shown. A 'CPP file validation report' dialog box is open, displaying a tree view of validation items. A red starburst with the number '4' is placed over the report title. In the top right corner, a notification banner states: 'Export job submitted on 2023-01-18 01:49:04 has completed successfully...'. A red starburst with the number '3' is placed over the notification icon, and another red starburst with the number '4' is placed over the 'View Log' link in the notification. The background shows the 'Projects' tab with a search bar and a list of projects.



Download your Export



The screenshot shows a file explorer window with the following table of files:

Name	Date Modified	Size	Kind
DS04_schedule.json	Apr 4, 2023 at 3:44 PM	81 KB	JSON File
DS05_schedule_logic.json	Apr 4, 2023 at 3:44 PM	26 KB	JSON File
DS06_schedule_resources.json	Apr 4, 2023 at 3:44 PM	64 KB	JSON File
DS18_schedule_EU.json	Apr 4, 2023 at 3:44 PM	7 KB	JSON File
DS19_schedule_calendar_std.json	Apr 4, 2023 at 3:44 PM	5 KB	JSON File
DS20_schedule_calendar_exception.json	Apr 4, 2023 at 3:44 PM	8 KB	JSON File
DS23_P6_validations.json	Apr 4, 2023 at 3:44 PM	4 KB	JSON File



What can you do with this output?

1. Upload to PARS (fulfilling govt requirements)
2. This gets passed to Encore Analytics
3. Can also be imported to site based analytic engines





Thank you

Contact us with questions:

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