

Oracle
Primavera P6 EPPM
IPMDAR Import/Export Data Map Guide

Version 23
April 2023

Contents

About IPMDAR Import/Export Data Map Guide	5
Data Mappings During Export.....	5
Dataset Metadata	5
Source Software Metadata	6
Project Schedule Data	6
Project Custom Field Definitions	7
Project Custom Field Values.....	7
Calendars.....	8
Calendar Workshifts.....	8
Calendar Exceptions.....	9
Tasks	9
Task Schedule Data	10
Task Custom Field Definitions.....	11
Task Custom Field Values.....	11
Task Constraints.....	12
Task Relationships	12
Task Outline Structure	13
Resources	13
Resource Custom Field Definitions.....	13
Resource Custom Field Values.....	14
Resource Assignments.....	14
Copyright.....	15

About IPMDAR Import/Export Data Map Guide

This guide details how data is mapped between P6 EPPM and IPMDAR format. Throughout this guide, the term P6 EPPM includes P6 Professional. Any content that applies to only one of these applications is labeled accordingly.

All users who want to exchange data between various formats should use this document.

Note: All date fields are exported as date only, without the time. All units, durations, and float fields are exported as hours.

Caution: Personal information (PI) may be at risk of exposure. Depending on local data protection laws organizations may be responsible for mitigating any risk of exposure.

Data Mappings During Export

Dataset Metadata

P6 EPPM Field	IPMDAR Field
To be entered in the template	Contractor ID Code Type ID
To be entered in the template	SecurityMarking
To be entered in the template	ReportingPeriodEndDate
To be entered in the template	ContractorName
To be entered in the template	ContractorIDCodeTypeID
To be entered in the template	ContractorIDCode
To be entered in the template	ContractorAddress_Street
To be entered in the template	ContractorAddress_City
To be entered in the template	ContractorAddress_State
To be entered in the template	ContractorAddress_Country
To be entered in the template	ContractorAddress_ZipCode
To be entered in the template	PointOfContactName
To be entered in the template	PointOfContactTitle
To be entered in the template	PointOfContactTelephone
To be entered in the template	PointOfContactEmail

P6 EPPM Field	IPMDAR Field
To be entered in the template	ContractName
To be entered in the template	ContractNumber
To be entered in the template	ContractType
To be entered in the template	ContractTaskOrEffortName
To be entered in the template	ProgramName
To be entered in the template	ProgramPhase
To be entered in the template	EVMSAccepted
To be entered in the template	EVMSAcceptanceDate

Source Software Metadata

P6 EPPM Field	IPMDAR Field
To be entered in the template	Data_SoftwareName
To be entered in the template	Data_SoftwareVersion
To be entered in the template	Data_SoftwareCompanyName
To be entered in the template	Data_SoftwareComments
To be entered in the template	Export_SoftwareName
To be entered in the template	Export_SoftwareVersion
To be entered in the template	Export_SoftwareCompanyName
To be entered in the template	Export_SoftwareComments

Project Schedule Data

P6 EPPM Field	IPMDAR Field
Data Date	Status Date
Start	Current Start Date
Finish	Current Finish Date
BL Start	Baseline Start Date

P6 EPPM Field	IPMDAR Field
BL Finish	Baseline Finish Date
Actual Start	Actual Start Date
Actual Finish	Actual Finish Date

Project Custom Field Definitions

P6 EPPM Field	IPMDAR Field
Project Code Type or Project User Defined Field Data Type	CustomFieldID
Project Code or Project User Defined Field	Name
Project Code type or Project User Defined Field type	Comments

Project Custom Field Values

P6 EPPM Field	IPMDAR Field
Project Code Value Name or Project UDF Value Name	Name
Field ID as listed in the <i>Project Custom Field Definitions</i> (on page 7)	CustomFieldID
Project Code Value in hierarchy with code value separator or Project UDF Value	Value

Calendars

P6 EPPM Field	IPMDAR Field
Calendar DB Object ID	ID
Calendar Name	Name
Level of the calendar (Global, Project, or Resource)	Comments

Calendar Workshifts

P6 EPPM Field	IPMDAR Field
Calendar DB Object ID	ID
Describes the number of the work period. If there is only one work period for the day, this value will be null. If there are multiple work periods, this value will be an integer representing the order of the work period during the day.	Ordinal
Describes the level (or levels) of the calendar: Project, Activity, and/or Resource.	Comments – Calendar Level
Describes the work hours for the calendar on a Sunday.	SundayWorkHours
Describes the work hours for the calendar on a Monday.	MondayWorkHours
Describes the work hours for the calendar on a Tuesday.	TuesdayWorkHours
Describes the work hours for the calendar on a Wednesday.	WednesdayWorkHours
Describes the work hours for the calendar on a Thursday.	ThursdayWorkHours
Describes the work hours for the calendar on a Friday.	FridayWorkHours
Describes the work hours for the calendar on a Saturday.	SaturdayWorkHours

Calendar Exceptions

P6 EPPM Field	IPMDAR Field
Calendar DB Object ID	Calendar ID
Calendar Exception Date	Exception Date
Null for non-work days. or Work hour value for exception. or Multiple non continuous work hours.	Work Hours

Tasks

P6 EPPM Field	IPMDAR Field
Activity ID/Code	ID
Activity Name	Name
Activity Type	Task Type ID
Activity Code or UDF value	Task Subtype ID
Activity Code or UDF value	Task Planning Level ID
WBS	WBS Element ID
Responsible Manager	OBS Element ID
Activity Code or UDF value. Includes WBS and Activity UDFs, and Activity Codes.	Control Account ID
Activity Code or UDF value. Includes WBS and Activity UDFs, and Activity Codes.	Work Package ID
Activity Code or UDF value	IMP Element ID
Activity Code or UDF value	SOW Reference
Activity Code or UDF value	Subcontractor Reference
Technique for computing performance percent complete	Earned Value Technique ID

P6 EPPM Field	IPMDAR Field
Activity Code or UDF value	Other Earned Value Technique
Activity Code or UDF value	Source Subproject Reference
Activity Code or UDF value	Source Task Reference
Activity Code or UDF value	Comments

Task Schedule Data

P6 EPPM Field	IPMDAR Field
Activity ID/Code	Task ID
Calendar DB ID	Calendar ID
Remaining Duration	Current Duration
Start	Current Start Date
Finish	Current Finish Date
Early Start (for WBS Summary. the earliest Early Start Date of all activities in that WBS node)	Early Start Date
Early Finish (for WBS Summary. the earliest Early Finish Date of all activities in that WBS node)	Early Finish Date
Late Start (for WBS Summary. the earliest Late Start Date of all activities in that WBS node)	Late Start Date
Late Finish (for WBS Summary. the earliest Late Finish Date of all activities in that WBS node)	Late Finish Date
Free Float	Free Float Duration
Total Float	Total Float Duration
Critical	On Critical Path
On Driving Path	On Driving Path
BL Project Duration	Baseline Duration

P6 EPPM Field	IPMDAR Field
BL Project Start	Baseline Start Date
BL Project Finish	Baseline Finish Date
Variance BL Project – Start Date	Start Variance Duration
Variance BL Project – Finish Date	Finish Variance Duration
Activity % Complete	Calculated % Complete
Physical % Complete	Physical % Complete
Remaining Duration	Remaining Duration
Actual Start	Actual Start Date
Actual Finish	Actual Finish Date

Task Custom Field Definitions

P6 EPPM Field	IPMDAR Field
Activity Code Type or User Defined Field Data Type	CustomFieldID
Activity Code or User Defined Field	Name
Activity Code type or User Defined Field type	Comments

Task Custom Field Values

P6 EPPM Field	IPMDAR Field
Activity Code Value Name or Activity UDF Value Name	Name

P6 EPPM Field	IPMDAR Field
Activity ID	TaskID
Field ID as listed in the <i>Task Custom Field Definitions</i> (on page 11)	CustomFieldID
Activity Code Value in hierarchy with code value separator or Activity UDF Value	Value

Task Constraints

P6 EPPM Field	IPMDAR Field
Activity Name	Name
Activity ID	TaskID
Primary constraint type	ConstraintTypeID
Null (this data is not applicable in P6 EPPM)	OtherConstraintType
Constraint date	ConstraintDate

Task Relationships

P6 EPPM Field	IPMDAR Field
Activity ID of the predecessor activity	PredecessorTaskID
Activity ID of the successor activity	SuccessorTaskID
The type of the relationship	RelationshipTypeID
Relationship lag	LagDuration
The ID of the Calendar for scheduling relationship lag	LagCalendarID

Task Outline Structure

P6 EPPM Field	IPMDAR Field
Activity Name	Name
Value = '1'	Level
Activity ID	TaskID
Value = '1'	ParentTaskID

Resources

P6 EPPM Field	IPMDAR Field
Resource ID	ID
Resource Name	Name
Resource Type	Element of Cost ID
Entered in the template or Notes	Comments

Resource Custom Field Definitions

P6 EPPM Field	IPMDAR Field
Resource Code Type or User Defined Field Data Type	CustomFieldID
Resource Code or User Defined Field	Name
Resource Code type or User Defined Field type	Comments

Resource Custom Field Values

P6 EPPM Field	IPMDAR Field
Resource Code Value Name or Resource UDF Value Name	Name
Resource ID	ResourceID
Field ID as listed in the Resource Custom Field Definitions (on page 13)	CustomFieldID
Resource Code Value in hierarchy with code value separator or Resource UDF Value	Value

Resource Assignments

P6 EPPM Field	IPMDAR Field
Resource ID	ResourceID
Activity ID	TaskID
Budget At Completion (Dollars)	Budget_AtCompletion_Dollars
Budget At Completion (Hours)	Budget_AtCompletion_Hours
Estimate To Complete (Dollars)	Estimate_ToComplete_Dollars
Estimate To Complete (Hours)	Estimate_ToComplete_Hours
Actual Cost	Actual_ToDate_Dollars
Actual Units	Actual_ToDate_Hours
Assignment % Complete	PhysicalPercentComplete

Copyright

Oracle Primavera P6 EPPM IPMDAR Import/Export Data Map Guide

Copyright © 1999, 2023, Oracle and/or its affiliates.

Oracle®, Java, and MySQL are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software or hardware and documentation may provide access to or information on content, products and services from third-parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.