

TECH TIP

RUNNING THE "CHECK SCHEDULE" FEATURE ORACLE PRIMAVERA P6 EPPM

Users of Oracle Primavera P6 have the ability to run the "Check Schedule" feature with P6 EPPM to see detailed analysis of schedule information. This feature greatly reduces the time required to check basic scheduling best practice and is capable of producing a printable report for use.

To run the "Schedule Check" feature within P6 EPPM, click on Activities. Select "Actions", "Run", and select "Check Schedule".

CLIU	ns 👽 Edit 🗣 View 🗣 📃 🥥 🖷	6 × 4	2	1 2 2 2	よるの日		
0	Save	Ctrl-S Escape	.ctivi	ty Name	Activity % Complete	Sta	
-	bdd					01-Sep	
e	Delete Delete		ivered by Owner		0%	01-Sep	
			plet	ion - All TCO	0%	17-Sep	
9	1 1 12					01-Sep	
	Assign Resource		ng 1		0%	17-Sep	
	Assign Role Define Baselines Review Status Updates Release Exclusive Lock Open Dependent Projects View Calendar		01-Sep				
T			0	Scheduler		F9	
\$			Schedule Preview Check Resource Overallocation				
27			🚱 Check Schędule				
Ha.			R	Leveler Shift-F9			
6	E-mail Activity Details			Apply Actuals			
10 10	Jump to next highlighted	Jump to next highlighted Ctrl-Dov		Recalculate Assignmen	at Costs		
-	Jump to previous highlighted	Ctrl-Up	8	Store Period Performan	ice		
h	Link Selected Activities	10000000000000000000000000000000000000		Summarize Projects			
a	Run		-	Publish Projects			
2			I IVIG	soniv auturure	U 70	20-380	

Figure 1 - Run "Check Schedule" feature

These tech tips are offered free of charge in the spirit of sharing knowledge with others. They do not include technical support, should you have a problem with them. We are always interested in how they can be improved, please do not hesitate to email us your comments. These tips have been thoroughly tested by our consultants in a variety of environments. Please read these tech tips thoroughly and be sure that you understand them before trying to use them. We can not be responsible for issues that develop because of the configuration of your hardware, technical environment or application of the tech memos. If you are not sure, then we urge you contact Oracle technical support or your local support consultant for assistance.

EPPM "Check Schedule" feature will allow for users to select any of 14 different metrics to check in the currently open schedule file. Target percentages can be established based on the specific requirements of the organization or project and customized information related to duration and float values can be established as well. Check boxes on the left side of the configuration window allow users to choose which items are to be included in the analysis within P6 EPPM.

Scheck Schedule	×
	Target
Logic - Activities missing predecessors or successors	< 5 👌 %
📝 Negative Lags - Relationships with a lag duration of less than 0	< 1 🔶 %
Lags - Relationships with a positive lag duration	< 5 🔷 %
Long Lags - Relationships with a lag duration greater than 352h	< 5 🚔 %
📝 Relationship Types - The majority of relationships should be Finish to Start	> 90 🔷 %
Hard Constraints - Constraints that prevent activities being moved	< 1 🔷 %
📝 Soft Constraints - Constraints that do not prevent activities being moved	< 5 🔷 %
Large Float - Activities with total float greater than 352h	< 1 🔷 %
☑ Negative Float - Activities with a total float less than 0	< 1 🔷 %
Large Durations - Activities that have a remaining duration greater than 352h	< 5 🔷 %
📝 Invalid Progress Dates - Activities with invalid progress dates	< 1 🔷 %
📝 Resource / Cost - Activities that do not have an expense or a resource assigned	< 1 🔷 %
📝 Late Activities - Activities scheduled to finish later than the project baseline	< 5 🚔 %
I BEI - Baseline Execution Index	> 0.95 🔷
Save Check Schedule	Cancel

Figure 2 - Configure Metrics for Analysis



RUNNING THE "CHECK SCHEDULE" FEATURE

Once the metrics for the project have been established, select the option for "Check Schedule" and view the report.

Projects	спескеа				
Project ID	Project Name	Data Date	Total Activities	Complete Activities	Total Links
C00610	Harbour Pointe Assisted Living Center	01-Jun-11	132	21	213

• Projects checked have links to the following Closed Projects

Charle	Deceviation	Taunat	Actual	Found	Total
Check	Description	Target	Actual	rounu	TULA
Logic	Activities missing predecessors or successors	< 5%	2%	2	111
Negative Lags	Relationships with a lag duration of less than 0	< 1%	12%	24	201
Positive Lags	Relationships with a positive lag duration	< 5%	12%	25	201
Long Lags	Relationships with a lag duration greater than 352 hours	< 5%	0%	1	201
Relationship Types	The majority of relationships should be Finish to Start	> 90%	85%	171	201
Hard Constraints	Constraints that prevent activities being moved	< 1%	0%	0	111
Soft Constraints	Constraints that do not prevent activities being moved	< 5%	5%	5	111
Large Float	Activities with total float greater than 352 hours	< 1%	78%	87	111
Negative Float	Activities with a total float less than 0	< 1%	0%	0	111
Large Durations	Activities that have a remaining duration greater than 352 hours	< 5%	46%	46	99
Invalid Progress Dates (before the data date)	Incomplete activities before the data date	< 1%	0%	0	114
Invalid Progress Dates (after the data date)	Activities with actual dates after the data date	< 1%	4%	4	114
Resource / Cost	Activities that do not have an expense or a resource assigned	< 1%	1%	1	118
Late Activities	Activities scheduled to finish later than the project baseline	< 5%	6%	6	99
BEI	Baseline Execution Index	> 0.95	0.95	8-	1

Figure 3 - Sample Summary "Check Schedule" report



RUNNING THE "CHECK SCHEDULE" FEATURE

The summary report will display high level information based on the percentages and durations specified when configuring the Check Schedule feature. Column information will display the target percentage, actual percentage as found in the current schedule, total number of activities found that match the criteria description along with total activities.

			and the second se					
Project ID	Activity ID	Activity Descripti	ion State					
EC00610	EC 16 10	Curbs & Paving	No Successor					
EC00610	EC2450	New Task Added b	by BC No Successor					
Negative L	igs - Rela	ationships with a	lag duration of less tha	in 0				
Lags - Rela	tionships	with a positive	lag duration					
Long Lags	- Relation	nships with a lag	duration greater than 3	352 hours				
Predecessor Project ID		Predecessor Activity D	Predecessor Activity Description	Relationship Type	Lag Duration (hours)	Successor Project	Successor Activity ID	Successor Activity Description
C00610	E	C 1000	Curbing	Finish to Start	560	EC00610	EC1600	Site Cleanup
Relationsh		- The majority of	relationships should be	Finish to Start				
v	p.,p	The hidjoriey of	reactoriships should be	Timbir co ordire				
Relationship T	/pe Count	: 0/o						
inish to Finish	7	3%						
	171	a company						
inish to Start		85%						
inish to Start tart to Finish	1	0%						
inish to Start tart to Finish tart to Start	1 22	0%						
inish to Start tart to Finish tart to Start Predecessor P D	roject Pr	0% 11% redecessor Activity	Predecessor Activity Description	Relationship Type	Lag Duration (hours)	Successor Project	Successor Activity ID	Successor Activity Descrip
nish to Start tart to Finish tart to Start redecessor P D C00610	roject Prince	2 85% 2 0% 2 11% redecessor Activity D C1000	Predecessor Activity Description Curbing	Relationship Type Start to Start	Lag Duration (hours) 320	Successor Project ID EC00610	Successor Activity ID EC 1600	Successor Activity Descrip Site Cleanup
inish to Start itart to Finish itart to Start Predecessor P D itari (000610 itari (000610	roject Pr II EC	20% 20% 20% 20% 20% 20% 20% 20% 20% 20%	Predecessor Activity Description Curbing Building Slab Ind. UG Utils	Relationship Type Start to Start Start to Finish	Lag Duration (hours) 320 0	Successor Project ID EC00610 EC00610	Successor Activity ID EC1600 EC2020	Successor Activity Descrip Site Cleanup Roof Complete

Listed below the Summary section of the report are the detailed listing of activities which establish the information contained within the Summary portion of the report.

