

Flag offending tasks and print out tickets.

# Schedule Inspector

# Arresting results.

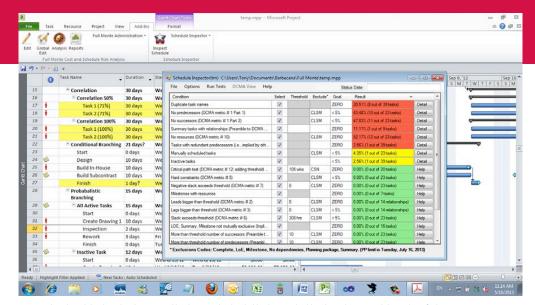
Improve the quality of your Microsoft® Project schedules by applying tests for best practice, consistent statusing, and early indications that the project is not on track.



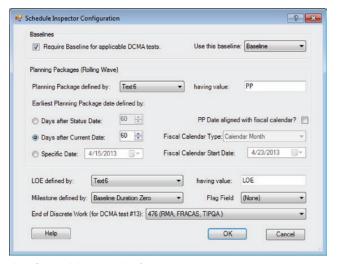
## Schedule Inspector from Barbecana

Barbecana's Schedule Inspector™ is an add-in to Microsoft Project® (2007 and above). It helps improve the quality of schedules by checking for the use of scheduling features and techniques that many think should be used sparingly or not at all.

Schedule Inspector is highly customizable. You need perform only those tests you think are appropriate to your circumstances, and most tests can be customized. Results are displayed color-coded on screen and can also be printed. Many problems can be fixed directly in Schedule Inspector, either globally or individually. Offending tasks can also be automatically highlighted in Project so that the user can fix the problems there.



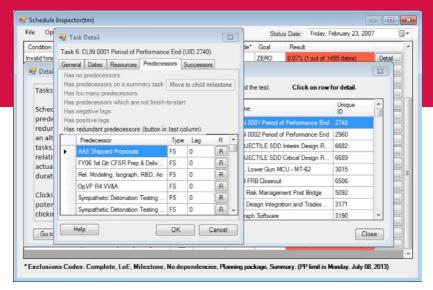
Tests can be selected/deselected and customized by changing the threshold (where applicable), the exclusions, and the goal. (Default settings exist for the DCMA 14-point assessment guide, AACE Recommended Practice 57R-09, and general applications.) The table can also be sorted on any column. (Above is sorted by severity, indicated by the color.)



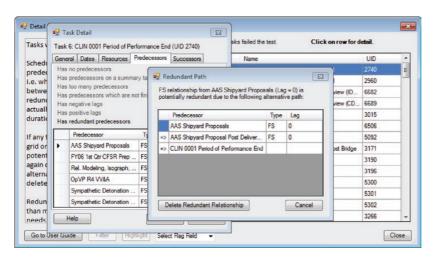
The configuration dialog accommodates further customization. All settings are remembered on a per-project basis.

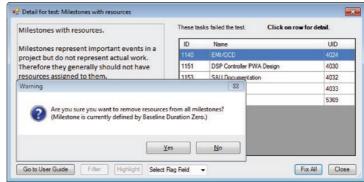


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For most conditions, it is possible to bring up a list of tasks which failed the test, to highlight or filter them in the current Project view, or click on individual tasks to get more detail. In this case the task has redundant predecessors. Clicking on the button shows the path which renders it redundant as shown in the next screen shot. The user can choose to delete the relationship.





Many problems can be fixed directly in Schedule Inspector, either individually or in some cases globally. Global changes are never made without prompting the user with details of exactly what is to going to be done.

#### ■ DCMA View File Classroom Version - ACME Artillery System IMS Status 2 23 07 Version 13 Mar 2012.mpp Status Date: 2/23/2007 5:00:00 PM Total Tasks Complete Tasks Incomplete Tasks Baseline Count Baseline Count (BEI) Relationship Count 774 1572 744 828 1015 1422 Description # Tasks Goal Description Goal # Tasks Missing Predecessors, Successors, or Both 0.97% 0.00% Logic < 5% 8 Negative Float Tasks having Float < 0 ZERO 0 Tasks with Baseline Duration > 44 days Leads Number of Leads ZERO 9.21% 131 High Duration < 5% 77.05% 638 Invalid Forecast Start/Finish Dates Lags Number of Lags < 5% 20.25% 288 Invalid Dates ZERO 0.06% 1 Invalid Actual Start/Finish Finish to Start > 90% 93.11% 1324 ZERO 3 Relationship Types Tasks without Dollars or 6.89% ZERO 275 Finish to Finish < 10% 4 Resources Hours Assigned Tasks not Performing to 38.11% Start to Start 94 Missed Tasks < 5% 295 Baseline Plan Tests Critical Path Start to Finish ZERO 0.00% 0 Critical Path Test ZERO 30 Integrity MSO, MFO, SNLT, or FNLT Tasks Measures Realism of the Critical Path Critical Path Length < 5% 0.00% > 0.95 1.00 Hard Constraints 0 Tasks having Float > 44 Baseline Execution Measures Performance to High Float 46.14% 382

Index

< 5%

This shows the special "DCMA" format report. Like all Schedule Inspector reports it can be printed or copied and pasted into other applications.

> 0.95

0.73

In addition to being able to print the screen displays, there is also a black-and-white printed format.

Full Monte(TM) Validation Report.	Copy of dem	Monday, July 30, 2012
Test	Exclusions	Result
Summary tasks with relationships		0.00% (0 out of 28 tasks)
Summary tasks with resources		0.00% (0 out of 28 tasks)
More than 10 predecessors	Complete, Summary, Milestone	0.00% (0 out of 62 tasks)
More than threshold number of successors	Not run.	NA
Marked Inactive		Zero out of zero.
Schedule Density (Ratio of dependencies to tasks.)	Complete, Summary, Milestone	93.55% (58 out of 62 tasks)
Planning packages after outoff date		Zero out of zero.
LOE tasks on critical path	Not run.	NA
LOE, Summary, Milestone not mutually exclusive	Not run.	NA
Manually scheduled tasks	Complete, Summary, Milestone	0.00% (0 out of 62 tasks)
Out of sequence progress	Complete, Summary, Milestone	0.00% (0 out of 62 tasks)
No predecessors (DCMA metric # 1)	Complete, Summary, Milestone	22.58% (14 out of 62 tasks)
No successors (DCMA metric # 1)	Complete, Summary, Milestone	25.81% (16 out of 62 tasks)
Leads bigger than 0 (DCMA metric # 2)	Complete, Summary, Milestone	0.00% (0 out of 58 relationships)
Lags bigger than 0 (DCMA metric # 3)	Complete, Summary, Milestone	3.45% (2 out of 58 relationships)
Finish-Start relationships (DCMA metric # 4)	Not run.	NA
Constraints (DCMA metric # 5)	Complete, Summary, Milestone	0.00% (0 out of 62 tasks)
Slack exceeds 308 hrs (DCMA metric # 6)	Complete, Summary, Milestone	50.00% (31 out of 62 tasks)
Negative slack bigger than 0 (DCMA metric # 7)	Complete, Summary, Milestone	0.00% (0 out of 62 tasks)
Duration exceeds threshold (DCMA metric # 8)	Not run.	NA
Planned dates in past (DCMA metric # 9 Part 1)	Complete, Summary, Milestone	22.58% (14 out of 62 tasks)
Actual date in future (DCMA metric # 9 Part 2)	Summary, Milestone	0.00% (0 out of 62 tasks)
No resources (DCMA metric # 10)	Not run.	NA
Lateness exceeds 1 min (DCMA metric # 11)	Summary, Milestone	0.00% (0 out of 62 tasks)
Critical path test (DCMA metric # 12; float exceeds threshold when constraints removed.)	Not run.	NA
Critical path length index (DCMA metric # 13)		1.0000
Baseline execution index (DCMA metric # 14)	Summary, Milestone	0.00 (0 out of 62 tasks)

## Alphabetical List of Available Tests

- Baseline execution index (DCMA metric # 14)
- Baseline duration exceeds threshold (DCMA metric # 8)
- Critical path length index (DCMA metric # 13)
- Critical path test (DCMA metric # 12; adding threshold does not delay designated finish task.)
- Duplicate task names
- Finish-Start relationships (DCMA metric # 4)
- Hard constraints (DCMA metric # 5)
- Inactive tasks
- Invalid forecast date(s) (DCMA metric # 9 Part 1)
- Invalid actual date(s) (DCMA metric # 9 Part 2)
- Lags bigger than threshold (DCMA metric # 3)
- Leads bigger than threshold (DCMA metric # 2)
- LOE tasks on critical path (Preamble to DCMA Guide)
- LOE, Summary, Milestone not mutually exclusive (Implied by DCMA Guide)
- Manually scheduled tasks
- Milestones with resources
- Missed tasks (lateness exceeds threshold) (DCMA metric # 11)
- More than threshold number of predecessors (Preamble to DCMA Guide)
- More than threshold number of successors (Preamble to DCMA Guide)
- Negative slack exceeds threshold (DCMA metric # 7)
- No baseline start or finish date (Excluded by most DCMA tests)
- No predecessors (DCMA metric # 1 Part 1)
- No successors (DCMA metric # 1 Part 2)
- No resources (DCMA metric # 10)
- Out of sequence progress (Preamble to DCMA Guide)
- Planning packages before cutoff date (Preamble to DCMA Guide)
- Slack exceeds threshold (DCMA metric # 6)
- Summary tasks with relationships (Preamble to DCMA Guide)
- Summary tasks with resources
- Tasks with redundant predecessors

### For more information

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