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Deltek Acumen 8.11

Cost Data .CSV Structure

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Cost Data .CSV Structure

You can import cost data from other programs into Acumen. The Acumen installation includes a comma-separated values (.csv) template file called **CSV Template.csv** and some sample DECM files that are located in the C:\Program Files\Deltek\Acumen 8.11\DECM Samples folder.

File Structure

When you import cost data in Acumen using a .csv file, the data must be in a specific order, with specific data types. The tables below show the .csv file structure.

Calendars

Field	Data Type	Nullable
Description	String	No
Comments	String	Yes

CalendarDets

Field	Data Type	Nullable
Calendar	String	No
EndDate	String	No
Label	String	Yes
PeriodNumber	Number	No
HoursInPeriod	Number	Yes

CPRs

Field	Data Type	Nullable
ReportStartDate	DateTime	Yes
ReportEndDate	DateTime	Yes
SubmittalDate	DateTime	Yes

CBB	Number	Yes
TAB	Number	Yes
PMB	Number	Yes
ManagementReserve	Number	Yes
DistributedBudget	Number	Yes
UndistributedBudget	Number	Yes

Control Accounts

Field	Data Type	Nullable
ID	String	No
WbsID	String	Yes
ObsID	String	Yes
ActualFinishDate	Number	Yes
ActualStartDate	Number	Yes
AcwpCum	Number	Yes
AcwpCumHours	Number	Yes
AcwpCur	Number	Yes
AcwpCurHours	Number	Yes
Bac	Number	Yes
BacHours	Number	Yes

BaselineFinishDate	DateTime	Yes
BaselineStartDate	DateTime	Yes
BcwpCum	Number	Yes
BcwpCumHours	Number	Yes
BcwpCur	Number	Yes
BcwpCurHours	Number	Yes
BcwsCum	Number	Yes
BcwsCumHours	Number	Yes
BcwsCur	Number	Yes
BcwsCurHours	Number	Yes
PercentageComplete	Number	Yes
Description	String	Yes
Eac	Number	Yes
EacHours	Number	Yes
EacNonLabor	Number	Yes
EarlyFinishDate	DateTime	Yes
EarlyStartDate	DateTime	Yes
ForecastFinishDate	DateTime	Yes
ForecastStartDate	DateTime	Yes
LateFinishDate	DateTime	Yes

LateStartDate	DateTime	Yes
Manager	String	Yes
PendingFinishDate	DateTime	Yes
PendingStartDate	DateTime	Yes
PerformanceMethod	Use one of the following values: ▪ None ▪ PercentComplete ▪ PercentCompleteManualEntry ▪ HundredZero ▪ ZeroHundred ▪ FiftyFifty ▪ Apportioned ▪ AssignmentPercentageComplete ▪ CalculatedApportioned ▪ EarnedAsSpent ▪ EarningRules ▪ LevelOfEffort ▪ Milestone ▪ PlanningPackage ▪ UnitsComplete ▪ UserDefined	No
ReprogrammingBudget	Number	Yes
ReprogrammingCostVariance	Number	Yes

ReprogrammingScheduleVariance	Number	Yes
StartPercentage	Number	Yes
Status	Use one of the following values: - Unopened - Open - Closed	No
UnitsComplete	Number	Yes
UnitsToDo	Number	Yes
CPICur	Number	Yes
CPICum	Number	Yes
SPICur	Number	Yes
SPICum	Number	Yes
TCPIBacCur	Number	Yes
TCPIBacCum	Number	Yes
TCPIEacCur	Number	Yes
TCPIEacCum	Number	Yes
CPICurHours	Number	Yes
CPICumHours	Number	Yes
SPICurHours	Number	Yes
SPICumHours	Number	Yes

TCPIBacCurHours	Number	Yes
TCPIBacCumHours	Number	Yes
TCPIEacCurHours	Number	Yes
TCPIEacCumHours	Number	Yes
Etc	Number	Yes
EtcHours	Number	Yes
TimePhaseAcwpFinish	Date	Yes
TimePhaseAcwpStart	Date	Yes
TimePhaseBcwpFinish	Date	Yes
TimePhaseBcwpStart	Date	Yes
TimePhaseBcwsFinish	Date	Yes
TimePhaseBcwsStart	Date	Yes
TimePhaseEtcFinish	Date	Yes
TimePhaseEtcStart	Date	Yes

Work Packages

Field	Data Type	Nullable
WorkPackageID	String	No
ControlAccountID	String	No
ActualFinishDate	Number	Yes

ActualStartDate	Number	Yes
AcwpCum	Number	Yes
AcwpCumHours	Number	Yes
AcwpCur	Number	Yes
AcwpCurHours	Number	Yes
Bac	Number	Yes
BacHours	Number	Yes
BaselineFinishDate	DateTime	Yes
BaselineStartDate	DateTime	Yes
BcwpCum	Number	Yes
BcwpCumHours	Number	Yes
BcwpCur	Number	Yes
BcwpCurHours	Number	Yes
BcwsCum	Number	Yes
BcwsCumHours	Number	Yes
BcwsCur	Number	Yes
BcwsCurHours	Number	Yes
PercentageComplete	Number	Yes
Description	String	Yes
Eac	Number	Yes

EacHours	Number	Yes
EacNonLabor	Number	Yes
EarlyFinishDate	DateTime	Yes
EarlyStartDate	DateTime	Yes
ForecastFinishDate	DateTime	Yes
ForecastStartDate	DateTime	Yes
LateFinishDate	DateTime	Yes
LateStartDate	DateTime	Yes
Manager	String	Yes
PendingFinishDate	DateTime	Yes
PendingStartDate	DateTime	Yes
PerformanceMethod	Use one of the following values: ▪ None ▪ PercentComplete ▪ PercentCompleteManualEntry ▪ HundredZero ▪ ZeroHundred ▪ FiftyFifty ▪ Apportioned ▪ AssignmentPercentageComplete ▪ CalculatedApportioned ▪ EarnedAsSpent	No

	- EarningRules - LevelOfEffort - Milestone - PlanningPackage - UnitsComplete - UserDefined	
ReprogrammingBudget	Number	Yes
ReprogrammingCostVariance	Number	Yes
ReprogrammingScheduleVariance	Number	Yes
StartPercentage	Number	Yes
Status	Use one of the following values: - Unopened - Open - Closed	No
UnitsComplete	Number	Yes
UnitsToDo	Number	Yes
CPICur	Number	Yes
CPICum	Number	Yes
SPICur	Number	Yes
SPICum	Number	Yes
TCPIBacCur	Number	Yes

TCPIBacCum	Number	Yes
TCPIEacCur	Number	Yes
TCPIEacCum	Number	Yes
CPICurHours	Number	Yes
CPICumHours	Number	Yes
SPICurHours	Number	Yes
SPICumHours	Number	Yes
TCPIBacCurHours	Number	Yes
TCPIBacCumHours	Number	Yes
TCPIEacCurHours	Number	Yes
TCPIEacCumHours	Number	Yes
Etc	Number	Yes
EtcHours	Number	Yes
TimePhaseAcwpFinish	Date	Yes
TimePhaseAcwpStart	Date	Yes
TimePhaseBcwpFinish	Date	Yes
TimePhaseBcwpStart	Date	Yes
TimePhaseBcwsFinish	Date	Yes
TimePhaseBcwsStart	Date	Yes
TimePhaseEtcFinish	Date	Yes

TimePhaseEtcStart	Date	Yes
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Milestones

Field	Data Type	Nullable
Name	String	No
Description	String	Yes
ControlAccount	String	Yes
WorkPackage	String	Yes
ActualDate	DateTime	Yes
BaselineDate	DateTime	Yes
ScheduledDate	DateTime	Yes
PercentComplete	Number	Yes
Status	String	Yes
Weight	Number	Yes

Summary Totals

Field	Data Type	Nullable
ControlAccount	String	No
WorkPackage	String	Yes
Resource	Use one of the following values:	Yes

	▪ - for None ▪ L for Labor ▪ M for Material ▪ O for Other Direct Costs ▪ S for Subcontractor	
UnitID	Use one of the following values: ▪ 1 for Dollar ▪ 2 for Hours	No
AcwpCum	Number	Yes
AcwpCur	Number	Yes
BcwpCum	Number	Yes
BcwpCur	Number	Yes
BcwsCum	Number	Yes
BcwsCur	Number	Yes
Bac	Number	Yes
Etc	Number	Yes
Eac	Number	Yes
CPICur	Number	Yes
CPICum	Number	Yes
SPICur	Number	Yes
SPICum	Number	Yes

TCPIBacCur	Number	Yes
TCPIBacCum	Number	Yes
TCPIEacCur	Number	Yes
TCPIEacCum	Number	Yes

Time Phase Periods

Field	Data Type	Nullable
ControlAccount	String	No
WorkPackage	String	Yes
Resource	Use one of the following values: - for None - L for Labor - M for Material - O for Other Direct Costs - S for Subcontractor	Yes
UnitID	Use one of the following values: 1 for Dollar 2 for Hours	No
Date	DateTime	Yes
Acwp	Number	Yes

Bcwp	Number	Yes
Bcws	Number	Yes
EstAcwp	Number	Yes
Etc	Number	Yes

Example

Below is an example of a .csv file.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	#Calendars														
2	Description	Comments													
3	Ship														
4	#CalendarDets														
5	Calendar	EndDate	Label	PeriodNu	HoursInPeriod										
6	Ship	11/30/2019 0:00	11/30/2019	11	0										
7	Ship	12/31/2019 0:00	12/31/2019	12	176										
8	Ship	1/31/2020 0:00	1/31/2020	1	184										
9	#Cprs														
10	ReportStartDate	ReportEndDate	SubmittalDate	CBB	TAB	PMB	Manager	Distribut	UndistributedBudget						
11	12/1/2019 0:00	12/31/2019 0:00	10/30/2018 0:00	5000000	5000000		0	849874	0						
12	#ControlAccounts														
13	ID	WbsID	ObsID	ActualFir	ActualSta	AcwpCum	AcwpCur	AcwpCur	AcwpCur	Bac	BacHours	BaselineFinishDa	BaselineStartDat	BcwpCum	BcwpCur
14	1.1.1 / 1.ENG.CLARK	1.1.1	1.ENG.CLARK			0	0	0	0	39859.1	1699.999999	7/21/2020 0:00	1/2/2020 0:00	0	0
15	1.1.3 / 1.ENG.CLARK	1.1.3	1.ENG.CLARK			0	0	0	0	195572	8341.2	8/18/2020 0:00	1/2/2020 0:00	0	0
16	1.1.4 / 1.ENG.SCHULTZ	1.1.4	1.ENG.SCHULTZ			0	0	0	0	425160	18133.19	9/16/2020 0:00	6/23/2020 0:00	0	0
17	1.2.A.101 / 1.MFG.FRM1	1.2.A.101	1.MFG.FRM1			0	0	0	0	63094.3	2690.99	10/14/2020 0:00	1/2/2020 0:00	0	0
18	1.2.A.102 / 1.MFG.FRM1	1.2.A.102	1.MFG.FRM1			0	0	0	0	63094.3	2690.99	11/11/2020 0:00	1/2/2020 0:00	0	0
19	#WorkPackages														
20	WorkPackageID	ControlAccountID	ActualFinishDat	ActualSta	AcwpCum	AcwpCur	AcwpCur	AcwpCur	Bac	BacHours	BaselineFinishDate	BaselineStartDate	BcwpCum	BcwpCur	BcwpCur
21	1.1.1.1	1.1.1 / 1.ENG.CLARK			0	0	0	0	16412.6	700	3/27/2020 0:00	1/2/2020 0:00	0	0	0
22	1.1.1.2	1.1.1 / 1.ENG.CLARK			0	0	0	0	11723.3	500	5/23/2020 0:00	3/31/2020 0:00	0	0	0
23	1.1.1.3	1.1.1 / 1.ENG.CLARK			0	0	0	0	11723.3	500	7/21/2020 0:00	5/26/2020 0:00	0	0	0
24	1.1.3.1	1.1.3 / 1.ENG.CLARK			0	0	0	0	72928.2	3110.41	6/20/2020 0:00	1/2/2020 0:00	0	0	0
25	1.1.3.2	1.1.3 / 1.ENG.CLARK			0	0	0	0	122644	5230.79	8/18/2020 0:00	1/2/2020 0:00	0	0	0
26	1.1.4.101	1.1.4 / 1.ENG.SCHULTZ			0	0	0	0	133279	5684.39	7/21/2020 0:00	6/23/2020 0:00	0	0	0
27	1.1.4.102	1.1.4 / 1.ENG.SCHULTZ			0	0	0	0	141720	6044.4	8/18/2020 0:00	6/23/2020 0:00	0	0	0
28	#SummaryTotals														
29	ControlAccount	WorkPackage	Resource	UnitID	AcwpCum	AcwpCur	BcwpCum	BcwpCur	BcwsCum	BcwsCur	Bac	Etc	Eac	CPICur	CPICum
30		1.1.1.1	-	2	0	0	0	0	0	0	699.999999		0	0	0
31		1.1.1.1	-	1	0	0	0	0	0	0	16412.55		0	0	0
32		1.1.1.2	-	2	0	0	0	0	0	0	500		0	0	0

	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13	BcwpCur	BcwpCur	BcwsCum	BcwsCum	BcwsCur	BcwsCur	Percenta	Descripti	Eac	EacHours	EacNonLabor	EarlyFinishDate	EarlyStartDate	ForecastFinishDate	ForecastStartDate	LateFinishDate
14	0	0	0	0	0	0	0	Key Plans	0	0		7/21/2020 0:00	1/2/2020 0:00	7/21/2020 0:00	1/2/2020 0:00	7/21/2020 0:00
15	0	0	0	0	0	0	0	3D Mode	0	0		8/18/2020 0:00	1/2/2020 0:00	8/18/2020 0:00	1/2/2020 0:00	8/18/2020 0:00
16	0	0	0	0	0	0	0	2d Const	0	0		9/16/2020 0:00	6/23/2020 0:00	9/16/2020 0:00	6/23/2020 0:00	9/16/2020 0:00
17	0	0	0	0	0	0	0	Assembl	0	0		10/14/2020 0:00	1/2/2020 0:00	10/14/2020 0:00	1/2/2020 0:00	10/14/2020 0:00
18	0	0	0	0	0	0	0	Assembl	0	0		11/11/2020 0:00	1/2/2020 0:00	11/11/2020 0:00	1/2/2020 0:00	11/11/2020 0:00
19																
20	BcwpCur	BcwsCum	BcwsCum	BcwsCur	BcwsCur	Percenta	Descripti	Eac	EacHours	EacNonLabor	EarlyFinishDate	EarlyStartDate	ForecastFinishDate	ForecastStartDate	LateFinishDate	LateStartDate
21	0	0	0	0	0	0	0 Develop	0	0		3/27/2020 0:00	1/2/2020 0:00	3/27/2020 0:00	1/2/2020 0:00	3/27/2020 0:00	1/2/2020 0:00
22	0	0	0	0	0	0	0 Develop	0	0		5/23/2020 0:00	3/31/2020 0:00	5/23/2020 0:00	3/31/2020 0:00	5/23/2020 0:00	3/31/2020 0:00
23	0	0	0	0	0	0	0 Develop	0	0		7/21/2020 0:00	5/26/2020 0:00	7/21/2020 0:00	5/26/2020 0:00	7/21/2020 0:00	5/26/2020 0:00
24	0	0	0	0	0	0	0 3D Mode	0	0		6/20/2020 0:00	1/2/2020 0:00	6/20/2020 0:00	1/2/2020 0:00	6/20/2020 0:00	1/2/2020 0:00
25	0	0	0	0	0	0	0 3D Mode	0	0		8/18/2020 0:00	1/2/2020 0:00	8/18/2020 0:00	1/2/2020 0:00	8/18/2020 0:00	1/2/2020 0:00
26	0	0	0	0	0	0	0 2D Extrac	0	0		7/21/2020 0:00	6/23/2020 0:00	7/21/2020 0:00	6/23/2020 0:00	7/21/2020 0:00	6/23/2020 0:00
27	0	0	0	0	0	0	0 2D Extrac	0	0		8/18/2020 0:00	6/23/2020 0:00	8/18/2020 0:00	6/23/2020 0:00	8/18/2020 0:00	6/23/2020 0:00
28																
29	SPICur	SPICum	TCPIBacC	TCPIBacC	TCPIEacC	TCPIEacCum										
30	0	0	1	1	0	0										
31	0	0	1	1	0	0										
32	0	0	1	1	0	0										

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13	LateStartDate	Manager	PendingF	PendingS	Performa	Reprogra	Reprogra	Reprogra	StartPerc	Status	UnitsCon	UnitsToC	CPICur	CPICum	SPICur	SPICum	TCPIBacC	TCPIBacC	TCPIEacC	TCPIEacC
14	1/2/2020 0:00				None					Unopened			0	0	0	0	1	1	0	0
15	1/2/2020 0:00				None					Unopened			0	0	0	0	1	1	0	0
16	6/23/2020 0:00				None					Unopened			0	0	0	0	1	1	0	0
17	1/2/2020 0:00				None					Unopened			0	0	0	0	1	1	0	0
18	1/2/2020 0:00				None					Unopened			0	0	0	0	1	1	0	0
19																				
20	Manager	PendingFinishDate	PendingS	Performa	Reprogra	Reprogra	Reprogra	StartPerc	Status	UnitsCon	UnitsToC	CPICur	CPICum	SPICur	SPICum	TCPIBacC	TCPIBacC	TCPIEacC	TCPIEacC	CPICurHo
21				PercentComplete				0	Unopene	0	0	0	0	0	0	1	1	0	0	0
22				PercentComplete				0	Unopene	0	0	0	0	0	0	1	1	0	0	0
23				PercentComplete				0	Unopene	0	0	0	0	0	0	1	1	0	0	0
24				PercentComplete				0	Unopene	0	0	0	0	0	0	1	1	0	0	0
25				PercentComplete				0	Unopene	0	0	0	0	0	0	1	1	0	0	0
26				UserDefined				14	Unopene	0	0	0	0	0	0	1	1	0	0	0
27				PercentComplete				0	Unopene	0	0	0	0	0	0	1	1	0	0	0
28																				
29																				
30																				
31																				
32																				

	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13	CPICurHo	CPICumH	SPICurHo	SPICumH	TCPIBacC	TCPIBacC	TCPIEacC	TCPIEacC	Etc	EtcHours	TimePha	TimePha	TimePhaseBcwpFinish	TimePhaseBcwpStart	TimePhaseBcwsFinish	TimePhaseBcwsStart	TimePhaseEtcFinish	TimePhaseEtcStart	
14	0	0	0	0	1	1	0	0	0	0					7/31/2020 0:00	1/31/2020 0:00			
15	0	0	0	0	1	1	0	0	0	0					8/31/2020 0:00	1/31/2020 0:00			
16	0	0	0	0	1	1	0	0	0	0					9/30/2020 0:00	6/30/2020 0:00			
17	0	0	0	0	1	1	0	0	0	0					10/31/2020 0:00	1/31/2020 0:00			
18	0	0	0	0	1	1	0	0	0	0					11/30/2020 0:00	1/31/2020 0:00			
19																			
20	CPICumH	SPICurHo	SPICumH	TCPIBacC	TCPIBacC	TCPIEacC	TCPIEacC	Etc	EtcHours	TimePha	TimePha	TimePha	TimePhaseBcwpStart	TimePhaseBcwsFinish	TimePhaseBcwsStart	TimePhaseEtcFinish	TimePhaseEtcStart		
21	0	0	0	1	1	0	0	0	0					3/31/2020 0:00	1/31/2020 0:00				
22	0	0	0	1	1	0	0	0	0					5/31/2020 0:00	3/31/2020 0:00				
23	0	0	0	1	1	0	0	0	0					7/31/2020 0:00	5/31/2020 0:00				
24	0	0	0	1	1	0	0	0	0					6/30/2020 0:00	1/31/2020 0:00				
25	0	0	0	1	1	0	0	0	0					8/31/2020 0:00	1/31/2020 0:00				
26	0	0	0	1	1	0	0	0	0					7/31/2020 0:00	6/30/2020 0:00				
27	0	0	0	1	1	0	0	0	0					8/31/2020 0:00	6/30/2020 0:00				
28																			
29																			
30																			
31																			
32																			