



# **AVAproject MDB Export Specification**

Rev 10.04.13

## TABLE : "Settings"

The SETTINGS table contains a list of user options and internal variables contained within the project.

FieldName (Code)	Data Type	Description
Section	Text	Settings are grouped based on their usage within the software. This field contains a reference to which settings group the row belongs to.
Setting	Text	The actual "name" or "key" of the setting.
Value	Memo	The current setting value.

The following is a sample SETTINGS table. (The "Notes" column is not a part of the actual table.):

Section	Setting	Value	Notes
ProjectHeader	FilePath	C:\Documents and Settings\Andrew Melling\Desktop\	
ProjectHeader	FileName	Export Sample Project.apj	
ProjectHeader	D8-NoOpeningsSchedules	1	No. of D-8 Openings Schedules contained within the project.
ProjectHeader	D8-NoHardwareGroups	5	No. of D-8 Hardware Groups contained within the project.
ProjectHeader	D10-NoWashroomsSchedules	1	No. of D-10 Washrooms Schedules contained within the project.
ProjectHeader	D10-NoPartitionGroups	1	No. of D-10 Partition Groups contained within the project.
ProjectHeader	D10-NoAccessoryGroups	1	No. of D-10 Accessory Groups contained within the project.
ProjectInfo	ProjectANSI	US	US = United States, C = Canadian
ProjectInfo	AVAProject_Build	10.05.01	
ProjectInfo	ProjectLocation	New York, NY	
ProjectInfo	ProjectJobNo	12345	
ProjectInfo	ProjectPlansRev	2	
ProjectInfo	ProjectPlansDate	2010-04-13	
ProjectInfo	ProjectBidDate		
ProjectInfo	ProjectStartDate		
ProjectInfo	ProjectSubmitDate		
ProjectInfo	Project_Address		
ProjectInfo	Project_City		
ProjectInfo	Project_State		
ProjectInfo	Project_Country		
ProjectInfo	Project_ZIP		
ProjectInfo	DefCat_Frames	<Hollow Metal>	
ProjectInfo	DefCat_Doors	<Hollow Metal>	
ProjectInfo	D8HdwLocations	Ceco	
ProjectInfo	Detailer	Andrew Melling	
ProjectInfo	Estimator	Andrew Melling	
ProjectInfo	SpecWriter		
ProjectInfo	SpecLead		
ProjectInfo	ProjectMeasurement	I	
ProjectInfo	Architect	Archie Smith	
ProjectInfo	Architect_Address	123 Architect Street	
ProjectInfo	Architect_Phone	718-555-0123	
ProjectInfo	Architect_Fax	718-555-1234	
ProjectInfo	Architect_Email	archie@architect.com	
ProjectInfo	Contractor	Connor Jones	
ProjectInfo	Contractor_Address	234 Contractor Road	
ProjectInfo	Contractor_Phone	718-555-2345	
ProjectInfo	Contractor_Fax	718-555-3456	

ProjectInfo	Contractor_Email	connor@contractor.net
ProjectInfo	Coordinator	Cody Johnson
ProjectInfo	Coordinator_Address	345 Coordinator Avenue
ProjectInfo	Coordinator_Phone	718-555-4567
ProjectInfo	Coordinator_Fax	718-555-5678
ProjectInfo	Coordinator_Email	cody@coordinator.org
ProjectInfo	Designer	Desmond Jackson
ProjectInfo	Designer_Address	456 Designer Way
ProjectInfo	Designer_Phone	718-555-6789
ProjectInfo	Designer_Fax	718-555-7890
ProjectInfo	Designer_Email	desmond@designer.biz
ProjectInfo	Customer_No	123
ProjectInfo	Customer_Name	Sample Customer
ProjectInfo	Customer_Address	
ProjectInfo	BillTo_Name	
ProjectInfo	BillTo_Address	
ProjectInfo	BillTo_Customer	1
ProjectInfo	ShipTo_Name	
ProjectInfo	ShipTo_Address	
ProjectInfo	ShipTo_Customer	1

## **TABLE : "Index"**

Certain types of data within a project can span any number of user-defined data tables. For example, a project can contain several individual openings schedules and hardware groups. The INDEX table provides a list of these along with a sequence number and name.

FieldName (Code)	Data Type	Description
Type	Text	Indicates what type of data table is being referred to.  <b>D8-OS</b> = Openings Schedule <b>D8-HG</b> = Hardware Group <b>D10-WS</b> = Washrooms Schedule <b>D10-PG</b> = Partition Group <b>D10-AG</b> = Accessory Group
Num	Text	The sequence number of the table. The number is used to identify the data table in all export tables.
Name	Text	The name assigned to the data table by the user, within the project.

The following is a sample INDEX table:

Type	Num	Name
D8-OS	1	Openings Schedule
D8-HG	1	Hdw Group 1
D8-HG	2	Hdw Group 2
D8-HG	3	Hdw Group 3
D8-HG	4	Hdw Group 4
D8-HG	5	Hdw Group 5
D10-WS	1	Washrooms Schedule
D10-PG	1	Partition Group 1
D10-AG	1	Accessory Group 1

## **TABLE : "ProjectLog"**

This table contains the PROJECT LOG as defined within the project.

FieldName (Code)	Data Type	Description	Notes
RowNum	Number		Indicates the Project Log row.
D01	Text	Date	
T01	Text	Time	
E01	Text	Event Type	
U01	Text	User	
L01	Text	Location	
REM	Memo	Remarks	
C01	Text	Outside Contact	
C02	Text	Contact Phone	
PDT	Text	Date Required	
PTM	Text	Time Required	
PMS	Text	Milestone?	
PIM	Text	Importance	

## **TABLE : "Accessories"**

This table contains the ACCESSORIES & MISCELLANEOUS items as defined within the project.

FieldName (Code)	Data Type	Description	Notes
RowNum	Number		Indicates the Accessories row.
ProductLine	Text		A single letter code identifying the general category of product.
			<b>* Always "A"</b>
TYP	Text	Type	
D01	Text	Description	
QTY	Text	Qty	
A00	Text	Catalog	
PUL	Text	Unit List	
PDS	Text	Discount %	
PMU	Text	Mark-Up %	
PUC	Text	Unit Cost	

## **TABLE : "D8-OpeningsSchedules"**

This table contains all of the OPENINGS SCHEDULES contained within the project.

FieldName (Code)	Data Type	Description	Notes
OS_Num	Number		Indicates which Openings Schedule the row was drawn from. Corresponds to the <b>Num</b> field of the <b>Index</b> table.
RowNum	Number		Indicates which row of the Openings Schedule the row was drawn from.
O01	Memo	Opening Number(s)	
O02	Text	Qty	
O03	Text	Type	
E01	Text	Elevation	
G02	Text	Nominal Width	
G03	Text	Nominal Height	
G10	Text	Label	
G11	Text	Hand	
D12	Text	Degree of Opening	
O06	Text	Remarks	
TF3	Text	To	
TF4	Text	From	
TF1	Text	Location 1	
TF0	Text	To/ From	
TF2	Text	Location 2	
D00	Text	Door Catalog	
D01	Text	Door Series	
D21	Text	Door Type	
D40	Text	Lite Kit	
D41	Text	Louver	
D22	Text	Door Mat'l	
D23	Text	Door Gauge	
D15	Text	Door Label	
D24	Text	Door Core	
D25	Text	Door Seam	
D26	Text	Door Edge	
D27	Text	Door Top	
D28	Text	Door Bottom	
D30	Text	Door Finish	
D50	Text	Door Thickness	
D51	Text	Door Undercut	
D10	Text	Door Elev.	
D55	Text	Door Remarks	
D02	Text	Door Nomenclature	
F00	Text	Frame Catalog	
F01	Text	Frame Series	
F22	Text	Frame Mat'l	
F23	Text	Frame Gauge	

F24	Text	Frame Label
F30	Text	Frame Profile
F50	Text	Frame Construction
F55	Text	Frame Finish
F56	Text	Frame Lining
F03	Text	Facing (Jamb, Hd)
F35	Text	Jamb Depth
F57	Text	Anchor Type
F58	Text	Anchor Qty
F95	Text	Frame Remarks
L01	Text	Section Num.
H01	Text	Hardware Group
H05	Text	Heading Num.
O05	Text	Key Set
O07	Text	Bitting Num.
H10	Text	100 Hang Door
H20	Text	200 Secure Inact.
H30	Text	300 Secure Act.
H40	Text	400 Push Pull
H50	Text	500 Close Door
H60	Text	600 Prot. Plate
H70	Text	700 Stop- Hold
H80	Text	800 Spec. Access.
H90	Text	900 Misc.
H9A	Text	900 Misc.
H91	Text	900 Silencer
1DS	Text	Frame Discount %
1MU	Text	Frame Mark-Up %
1UC	Text	Frame Cost
2DS	Text	Door Discount %
2MU	Text	Door Mark-Up %
2UC	Text	Door Cost
FAC	Text	Frame Additional Charges
DAC	Text	Door Additional Charges
A10	Text	Item Status
A20	Text	Item Stage
A30	Text	Item Hold



## **TABLE : "D8-HardwareList"**

This table contains the HARDWARE LIST as defined within the project.

FieldName (Code)	Data Type	Description	Notes
RowNum	Number		Indicates the Hardware List row.
Q00	Text	Qty	
Q01	Text	Qty (Active)	
Q02	Text	Qty (Inactive)	
Q03	Text	Qty (Off-Door)	
H01	Text	Short Code	
H00	Text	Catalog	
HM0	Text	Manufacturer	
H02	Text	Product Code	
H03	Text	Description	
HSK	Text	SKU	
HND	Text	Handing	
F01	Text	Finish (BHMA)	
F02	Text	Finish (ANSI)	
HC1	Text	Category	
HC2	Text	Sub-Category	
REM	Text	Remarks	
PD1	Text	Door Prep.	
PF1	Text	Frame Prep.	
PPY	Text	Vertical Position	
PPX	Text	Horizontal Position	
PPZ	Text	Placement	
THM	Text	HM Door Template	
TWD	Text	WD Door Template	
TFR	Text	Frame Template	
PUL	Text	Unit List	
PDS	Text	Discount %	
PMU	Text	Mark-Up %	
PUC	Text	Unit Cost	

## **TABLE : "D8-HardwareGroups"**

This table contains all of the HARDWARE GROUPS contained within the project.

FieldName (Code)	Data Type	Description	Notes
HG_Num	Number		Indicates which Hardware Group the row was drawn from. Corresponds to the <b>Num</b> field of the <b>Index</b> table.
RowNum	Number		Indicates which row of the Hardware Groups the row was drawn from.
ProductLine	Text		A single letter code identifying the general category of product.  <b>* Always "H"</b>
Q00	Text	Qty	
Q01	Text	Qty (Active)	
Q02	Text	Qty (Inactive)	
Q03	Text	Qty (Off-Door)	
H01	Text	Short Code	
H00	Text	Catalog	
HM0	Text	Manufacturer	
H02	Text	Product Code	
H03	Text	Description	
HSK	Text	SKU	
HND	Text	Handing	
F01	Text	Finish (BHMA)	
F02	Text	Finish (ANSI)	
HC1	Text	Category	
HC2	Text	Sub-Category	
REM	Text	Remarks	
PD1	Text	Door Prep.	
PF1	Text	Frame Prep.	
PPY	Text	Vertical Position	
PPX	Text	Horizontal Position	
PPZ	Text	Placement	
THM	Text	HM Door Template	
TWD	Text	WD Door Template	
TFR	Text	Frame Template	
PUL	Text	Unit List	
PDS	Text	Discount %	
PMU	Text	Mark-Up %	
PUC	Text	Unit Cost	

## **TABLE : "D8-MaterialList"**

This table contains MATERIAL LIST data as generated by the project for the Division-8 components. Unlike the other tables, the Material List is not an export of user-provided data. It is actually a report generated from data within the project. Each row of the Material List is linked back to its source as detailed below.

FieldName (Code)	Data Type	Description	Notes
RowNum	Number		Indicates the Material List row.
OS_Num	Number		Indicates which Openings Schedule the product in the row was built from. Corresponds to the <b>Num</b> field of the <b>Index</b> table.
OS_RowNum	Number		Indicates which row of the Openings Schedule the product is the row was built from.
HG_Num	Number		Indicates which Hardware Group the product in the row was built from. Corresponds to the <b>Num</b> field of the <b>Index</b> table.
HG_RowNum	Number		Indicates which row of the Hardware Group the product in the row was built from.
ProductLine	Text		A single letter code identifying the general category of product.  <b>D</b> = Doors <b>F</b> = Frames <b>H</b> = Hardware <b>A</b> = Accessories
Component_Type	Text	Component Type	
Component_Code	Text	Component Code	
L01	Text	Section Number	
L02	Text	Comp. Ref.	
LEN	Text	Overall Length	
D01	Text	Description	
D02	Text	Code	
SKU	Text	SKU	
Q01	Text	Qty Per Opening	
QTY	Text	Total Qty	
CAT	Text	Catalog	
MFG	Text	Manufacturer	
	Text		End conditions of the frame component detailed on the row.  <b>M</b> = Miter <b>N</b> = Notch <b>F</b> = Flush
EC1		End 1	

EC2	Text	End 2	"
O01	Text	Opening Number(s)	
O02	Text	No. of Openings	
O03	Text	Type	
E01	Text	Elevation	
P01	Text	Price Basis	
P02	Text	Price Tree	
PUL	Text	Opening List	
PTL	Text	Total List	
PDS	Text	Discount %	
PUC	Text	Opening Cost	
PTC	Text	Total Cost	
PMU	Text	Mark-Up %	
PUQ	Text	Opening Quote	
PTQ	Text	Total Quote	
PUP	Text	Opening Profit	
PTP	Text	Total Profit	

## **TABLE : "D10-WashroomsSchedules"**

This table contains all of the WASHROOM SCHEDULES contained within the project.

FieldName (Code)	Data Type	Description	Notes
WS_Num	Number		Indicates which Washroom Schedule the row was drawn from. Corresponds to the <b>Num</b> field of the <b>Index</b> table.
RowNum	Number		Indicates which row of the Washroom Schedule the row was drawn from.
O01	Memo	Room Number(s)	
O02	Text	Qty	
O06	Text	Remarks	
TF1	Text	Location	
H01	Text	Partition Group	
H02	Text	Accessory Group	
H05	Text	Heading Num.	
A10	Text	Item Status	
A20	Text	Item Stage	
A30	Text	Item Hold	

## **TABLE : "D10-PartitionList"**

This table contains the PARTITION ITEM LIST as defined within the project as is identical to the "**D8-HardwareList**".

FieldName (Code)	Data Type	Description	Notes
RowNum	Number		Indicates the Partition List row.
Q00	Text	Qty	
Q01	Text	Qty (Active)	
Q02	Text	Qty (Inactive)	
Q03	Text	Qty (Off-Door)	
H01	Text	Short Code	
H00	Text	Catalog	
HM0	Text	Manufacturer	
H02	Text	Product Code	
H03	Text	Description	
HSK	Text	SKU	
HND	Text	Handing	
F01	Text	Finish (BHMA)	
F02	Text	Finish (ANSI)	
HC1	Text	Category	
HC2	Text	Sub-Category	
REM	Text	Remarks	
PD1	Text	Door Prep.	
PF1	Text	Frame Prep.	
PPY	Text	Vertical Position	
PPX	Text	Horizontal Position	
PPZ	Text	Placement	
THM	Text	HM Door Template	
TWD	Text	WD Door Template	
TFR	Text	Frame Template	
PUL	Text	Unit List	
PDS	Text	Discount %	
PMU	Text	Mark-Up %	
PUC	Text	Unit Cost	

## **TABLE : "D10-PartitionGroups"**

This table contains all of the Division-10 PARTITION GROUPS contained within the project.  
It is identical to the "D8-HardwareGroups", other than the **PG\_Num** and **RowNum** fields.

FieldName (Code)	Data Type	Description	Notes
PG_Num	Number		Indicates which Partition Group the row was drawn from. Corresponds to the <b>Num</b> field of the <b>Index</b> table.
RowNum	Number		Indicates which row of the Partition Group the row was drawn from.
ProductLine	Text		A single letter code identifying the general category of product.  <b>* Always "P"</b>
Q00	Text	Qty	
Q01	Text	Qty (Active)	
Q02	Text	Qty (Inactive)	
Q03	Text	Qty (Off-Door)	
H01	Text	Short Code	
H00	Text	Catalog	
HM0	Text	Manufacturer	
H02	Text	Product Code	
H03	Text	Description	
HSK	Text	SKU	
HND	Text	Handing	
F01	Text	Finish (BHMA)	
F02	Text	Finish (ANSI)	
HC1	Text	Category	
HC2	Text	Sub-Category	
REM	Text	Remarks	
PD1	Text	Door Prep.	
PF1	Text	Frame Prep.	
PPY	Text	Vertical Position	
PPX	Text	Horizontal Position	
PPZ	Text	Placement	
THM	Text	HM Door Template	
TWD	Text	WD Door Template	
TFR	Text	Frame Template	
PUL	Text	Unit List	
PDS	Text	Discount %	
PMU	Text	Mark-Up %	
PUC	Text	Unit Cost	

## **TABLE : "D10-AccessoryList"**

This table contains the ACCESSORY ITEM LIST as defined within the project and is identical to the "**D8-HardwareList**".

FieldName (Code)	Data Type	Description	Notes
RowNum	Number		Indicates the Accessory List row.
Q00	Text	Qty	
Q01	Text	Qty (Active)	
Q02	Text	Qty (Inactive)	
Q03	Text	Qty (Off-Door)	
H01	Text	Short Code	
H00	Text	Catalog	
HM0	Text	Manufacturer	
H02	Text	Product Code	
H03	Text	Description	
HSK	Text	SKU	
HND	Text	Handing	
F01	Text	Finish (BHMA)	
F02	Text	Finish (ANSI)	
HC1	Text	Category	
HC2	Text	Sub-Category	
REM	Text	Remarks	
PD1	Text	Door Prep.	
PF1	Text	Frame Prep.	
PPY	Text	Vertical Position	
PPX	Text	Horizontal Position	
PPZ	Text	Placement	
THM	Text	HM Door Template	
TWD	Text	WD Door Template	
TFR	Text	Frame Template	
PUL	Text	Unit List	
PDS	Text	Discount %	
PMU	Text	Mark-Up %	
PUC	Text	Unit Cost	



## **TABLE : "D10-AccessoryGroups"**

This table contains all of the Division-10 ACCESSORY GROUPS contained within the project.  
It is identical to the "D8-HardwareGroups", other than the **AG\_Num** and **RowNum** fields.

FieldName (Code)	Data Type	Description	Notes
AG_Num	Number		Indicates which Accessory Group the row was drawn from. Corresponds to the <b>Num</b> field of the <b>Index</b> table.
RowNum	Number		Indicates which row of the Accessory Group the row was drawn from.
ProductLine	Text		A single letter code identifying the general category of product.  <b>* Always "A"</b>
Q00	Text	Qty	
Q01	Text	Qty (Active)	
Q02	Text	Qty (Inactive)	
Q03	Text	Qty (Off-Door)	
H01	Text	Short Code	
H00	Text	Catalog	
HM0	Text	Manufacturer	
H02	Text	Product Code	
H03	Text	Description	
HSK	Text	SKU	
HND	Text	Handing	
F01	Text	Finish (BHMA)	
F02	Text	Finish (ANSI)	
HC1	Text	Category	
HC2	Text	Sub-Category	
REM	Text	Remarks	
PD1	Text	Door Prep.	
PF1	Text	Frame Prep.	
PPY	Text	Vertical Position	
PPX	Text	Horizontal Position	
PPZ	Text	Placement	
THM	Text	HM Door Template	
TWD	Text	WD Door Template	
TFR	Text	Frame Template	
PUL	Text	Unit List	
PDS	Text	Discount %	
PMU	Text	Mark-Up %	
PUC	Text	Unit Cost	

## **TABLE : "D10-MaterialList"**

This table contains MATERIAL LIST data as generated by the project for the Division-10 components. Unlike the other tables, the Material List is not an export of user-provided data. It is actually a report generated from data within the project. Each row of the Material List is linked back to its source as detailed below.

FieldName (Code)	Data Type	Description	Notes
RowNum	Number		Indicates Material List row.
WS_Num	Number		Indicates which Washrooms Schedule the product in the row was built from. Corresponds to the Num field of the Index table.
WS_RowNum	Number		Indicates which row of the Washrooms Schedule the product in the row was built from.
GRP_Num	Number		Indicates which Partition or Accessory Group the product in the row was built from. Corresponds to the <b>Num</b> field of the <b>Index</b> table.
GRP_RowNum	Number		Indicates which row of the Partition or Accessory Group the product in the row was built from.
ProductLine	Text		A single letter code identifying the general category of product  <b>P</b> = Partitions <b>A</b> = Accessories
Component_Type	Text	Component Type	
Component_Code	Text	Component Code	
L01	Text	Section Number	
L02	Text	Comp. Ref.	
LEN	Text	Overall Length	
D01	Text	Description	
D02	Text	Code	
SKU	Text	SKU	
Q01	Text	Qty Per Opening	
QTY	Text	Total Qty	
CAT	Text	Catalog	
MFG	Text	Manufacturer	
EC1	Text	End 1	
EC2	Text	End 2	
O01	Text	Opening Number(s)	
O02	Text	No. of Openings	
O03	Text	Type	
E01	Text	Elevation	
P01	Text	Price Basis	
P02	Text	Price Tree	

PUL	Text	Opening List
PTL	Text	Total List
PDS	Text	Discount %
PUC	Text	Opening Cost
PTC	Text	Total Cost
PMU	Text	Mark-Up %
PUQ	Text	Opening Quote
PTQ	Text	Total Quote
PUP	Text	Opening Profit
PTP	Text	Total Profit