

## Groupings of Data Items into Classes

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Note: notation "->" means "is-a" or "subclassed from"

grouping	data items	group class	table row class	comments
prtGeneral	ConfigChanges	PrinterSettingData -> SettingData	none, scalar	assoc to Printer w ElementSettingData, IsCurrent=true
	CurrentLocalization		none, scalar	writable
	CurrentOperator	B	none, scalar	writable
	ServicePerson		none, scalar	writable
	InputTrayDefaultId		none, scalar	writable
	OutputBinDefaultId		none, scalar	writable
	MarkerDefaultId		none, scalar	writable
	MediaPathDefaultId		none, scalar	writable
	ConsoleLocalization		none, scalar	writable
	ConsoleDisable		none, scalar	writable
	PrinterName		none, scalar	writable
	SerialNumber		none, scalar	
	AlertCriticalEvents		none, scalar	mutable
AlertAllEvents	B	none, scalar	mutable	
prtConsole	ConsoleNumberOfDisplayLines	PrintConsoles -> Collection	none, scalar	-> ManagedElement
	ConsoleNumberOfDisplayChars		none, scalar	
	DisplayBufferId	PrintConsoleDispl ays -> Collection	PrintConsoleDisplay	
	DisplayBufferText		PrintConsoleDisplay	mutable
	LightId	PrintConsoleLight s -> Collection	PrintConsoleLight	-> ManagedElement
	OnTime (B)	B	PrintConsoleLight	mutable Maybe promote times to A. How else can you tell remotely if the light is on?
	OffTime (B)	B	PrintConsoleLight	mutable ditto
Color Description	B	PrintConsoleLight PrintConsoleLight		

prtInput	Id	PrintInputTrays -> Collection	PrintInputTray	Row -> ManagedElement. However, may need to segregate declarative properties into Capabilities subclass.
	Type		PrintInputTray	
	DimUnit		PrintInputTray	
	CapacityUnit		PrintInputTray	
	MaxCapacity		PrintInputTray	
	CurrentLevel		PrintInputTray	mutable
	Status		PrintInputTray	mutable
	Name		PrintInputTray	writable
	Description		PrintInputTray	
prtInputMedia	MediaDimUnit		PrintInputTray	
	MediaDimFeedDirDeclared		PrintInputTray	
	MediaDimXFeedDirDeclared		PrintInputTray	
	MediaName		PrintInputTray	
	MediaWeight	B	PrintInputTray	
	MediaType		PrintInputTray	
	MediaColor		PrintInputTray	
prtOutput	Id	PrintOutputBins -> Collection	PrintOutputBin	-> ManagedElement
	Type		PrintOutputBin	
	CapacityUnit		PrintOutputBin	
	MaxCapacity		PrintOutputBin	
	RemaningCapacity		PrintOutputBin	mutable
	Status		PrintOutputBin	
	Name		PrintOutputBin	writable
	Description		PrintOutputBin	
	StackingOrder	B	PrintOutputBin	
	PageDeliveryOrientation	B	PrintOutputBin	
	OffsetStacking	B	PrintOutputBin	
prtLocalization	Id	in Printer	none	existing arrays in Printer
	Language			
	Country			
	CharacterSet			
prtMarker	Id	PrintMarkers -> Collection	PrintMarker	-> ManagedElement
	MarkTech			
	CounterUnit			
	LifeCount			mutable
	PowerOnCount	B		mutable
	ProcessColorants			
	SpotColorants			
	AddressabilityUnit	B		
	AddressabilityFeedDir	B		
	AddressabilityXFeedDir	B		

	Status			mutable
prtMarkerSupplies	Id	PrintSupplies -> Collection	PrintSupply	-> ManagedElement
	MarkerId			mutable?
	ColorantId			
	Class			
	Type			
	Description			
	SupplyUnit MaxCapacity Level			mutable
prtMarkerColorant	Id	PrintColorants -> Collection	PrintColorant	-> ManagedElement
	Value Tonality	B		
prtMediaPath	Id	PrintMediaPaths -> Collection	PrintMediaPath	-> ManagedElement
	MaxSpeedPrintUnit			
	MediaSizeUnit			
	MaxSpeed			
	MaxMediaFeedDir			
	MaxMediaXFeedDir			
	MinMediaFeedDir			
	MinMediaXFeedDir			
	Type			
	Description Status			mutable
prtChannel	Id	PrintChannels -> Collection	PrintChannel	-> ManagedElement
	ProtocolVersion			
	CurrentJobCtrlLangId			
	DefaultPageDescLangId			
	State			
	Ifld			
	Status Information			mutable
prtInterpreter	Id	PrintInterpreters -> Collection	PrintInterpreter	Maybe -> Capabilities because this is purely declarative.
	LangFamily			
	LangLevel	B		
	Description			
	FeedAddressability XFeedAddressability	B B		
prtAlert	Id	PrintAlertLog -> RecordLog	PrintAlertRecord	-> LogEntry
	SeverityLevel			

TrainingLevel  
Group  
GroupId  
Location  
Code  
Description  
Time

B