M00141201 Rev.B

JSON Specifications Sheet

JSON Specifications

This explains the JSON format specifications used in the following APIs for Epson ePOS SDK for Android and Epson ePOS SDK for iOS.

- setPrinterSettingEx
- $\bullet \quad set Get Printer Setting ExListener/set Get Printer Setting ExDelegate$

RW: Read Write (settings can be acquired and changed)
RO: Read Only (settings can only be acquired)

	Key Info		Value Info		Remarks
1 2	3	Description	Attri- bute	List and explanation of set values	Remarks
FormatNa	ame	Format name	RW	TM genre printer information format "TM-Form"	
Rev		Information format management number (data structure changes managed as Rev)	RW	TM genre printer information format revision number "1"	
PrinterSp	ес	Printer specifications information			
Prod	duct	Product information			
	SerialNo	Serial number	RO	Serial number (values that can be acquired with the GS I 68 command)	
Spe	С	Specifications information			
	Language	Multilingual font name	RO	Currently selected multilingual font name (Values that can be acquired with the GS I 69 command)	
	PaperWidth	Paper width (mm)	RO	"80": 80 mm Paper width setting "58": 58 mm Paper width setting	
				"40": 40 mm Paper width setting	
	HeadDpi	Head specifications (dpi)	RO	Mechanical resolution of the thermal print head	
Setting		Setting			
Aut	oCut	Cutter-related			
	CutAfterPaperset	Paper automatic cut at cover close (GS (E fn = 5, a = 100)	RW	"Invalid": Does not cut, "Valid": Cuts	
Buz	zer	Buzzer function			
	Select	Buzzer functionSelection of valid buzzer (GS (E fn = 5, a = 119)	RW	"Invalid": Invalid, "Valid": Valid	
Con	nmand	Command-related functions			
	AutoCR	Automatic line feeding (MSW1-5 or DSW1-1) Cannot be changed if parallel interface is installed. [Related items] PrinterSpec/Interface/UIB	RW	"Invalid": Normally disabled (MSW1-5 OFF) "Valid": Normally enabled (MSW1-5 ON)	
Prin	t	Print-related settings			

	Key Info		Value Info		
1 2	3	Description	Attri- bute	List and explanation of set values	Remarks
	Density	Print density (GS (E fn = 5, a = 5)	RW	"DIPSW": In accordance with DIP switch settings "70%": 70% "75%": 75% "80%": 85% "85%": 85% "90%": 90% "95%": 95% "100%": 100% "1105%": 105% "110%": 110% "115%": 115% "120%": 120% "125%": 125% "130%": 130%	
	Speed	Print speed (GS (E fn = 5, a = 6)		"Level1": Print speed level 1 "Level2": Print speed level 2 "Level3": Print speed level 3 "Level4": Print speed level 4 "Level5": Print speed level 5 "Level6": Print speed level 6 "Level6": Print speed level 7 "Level8": Print speed level 8 "Level9": Print speed level 9 "Level10": Print speed level 10 "Level11": Print speed level 11 "Level12": Print speed level 12 "Level13": Print speed level 13 "Level15": Print speed level 14 "Level15": Print speed level 16 "Level16": Print speed level 17	

	Key Info	1	/alue Info		
1 2	3	Description	Attri- bute	List and explanation of set values	Remarks
				"Standard": Standard column mode	
				"48/36": 48/36 column mode	
				"48¥¥/36": 48/36 column mode (with ¥ symbol)	"X/Y" refer to the following: X: Number of columns when paper width is 80 mm Y: Number of columns when paper width is 50 mm
				"46/32": 46/32 column mode	
	ColumnEmulation	Number of columns emulation (GS (E fn = 5 , $a = 11$)	RW	"46¥¥/32": 46/32 column mode (with ¥ symbol, supports escape character)	
				"42/42": 42 column mode	
				"42/32": 42/32 column mode	"X/Y" refer to the following: X: Number of columns when paper width is 80 mm Y: Number of columns when paper width is 50 mm
				"42¥¥/32": 42/32 column mode (with ¥ symbol, supports escape character)	
				"42": 42 column mode	
	RollPaperWidth	Paper width (GS (E fn = 5 , a = 3)	RW	"58mm": 58 mm	
	'			"80mm": 80 mm	
	NearEndSetting	NearEnd sensor enabled/disabled (MemSW5-6)	RW	"Disable": Disabled, "Enable": Enabled	
	PaperWidthWithGuide	Paper width when a paper guide has been attached (MSW6-8)	RW	"40mm": Switching between 40 mm/80 mm	
	r apei widii witii Guide	raper width when a paper guide has been attached (MSWO-0)	IVV	"58mm": Switching between 58 mm/80 mm	"X/Y" refer to the following: X: Number of columns when paper width is 80 mm Y: Number of columns when paper width is 50 mm
Maintena	nce				
Ther	malHead				
				"-1": Failed to detect missing dots	
	Number Of Warning Dot	Returns the number of dots exceeding the Warning threshold value (dots that may soon be cut off)	RO	"0": No dots exceeding the Warning threshold value	"X/Y" refer to the following: X: Number of columns when paper width is 80 mm Y: Number of columns when paper width is 50 mm
				"1" to "512": Number of dots exceeding the Warning threshold value	
	D :: 00W : D :	Position of the dots exceeding the Warning threshold value		"" (blank character): Failed to detect missing dots. Alternatively, there are no dots exceeding the Warning throughout	
	Position Of Warning Dot	The position of the left-end dots on the print surface is treated as 1, and this returns all the positions of the dots exceeding the Warning threshold value.	RO	ing threshold value. "Hexadecimal string": Dots exceeding the Warning threshold value.	
				"-1": Failed to detect missing dots	
	NumberOfBrokenDot	Returns the number of dots exceeding the Fault threshold value (broken dots).	RO	"0": No dots exceeding the Fault threshold value	
				"1" to "512": Number of dots exceeding the Fault threshold value	
		Position of the dots exceeding the Fault threshold value		"" (blank character): Failed to detect missing dots. Alternatively, there are no dots exceeding the Fault	
	PositionOfBrokenDot	The position of the left-end dots on the print surface is treated as 1, and this returns all the positions of	RO	threshold value.	
		the dots exceeding the Fault threshold value.		"Hexadecimal string": Dots exceeding the Fault threshold value.	
Cour		Maintenance counter (total)			
	RollPaper_FeedLines	Number of paper feed lines [lines]	RO	"" to "": 4-byte decimal maximum value	
	RollPaper_CutterDrives	Auto cutter drive count [times]	RO	"" to "": 4-byte decimal maximum value	

jsonString Acquisition Example

```
"PrinterSpec": {
    "Product": {
            "SerialNo": "ABCD000002"
     },
"Spec": {
    "Language": "KANJI JAPANESE"
},
"Setting": {
    "AutoCut": {
        "CutAfter'
            "CutAfterPaperset": "Invalid"
       },
"Buzzer": {
            "Select": "Valid"
       },
"Command": {
            "AutoCR": "Invalid"
       },
"Print": {
           Print": {
    "Density": "100%",
    "Speed": "Level13",
    "ColumnEmulation": "Standard",
    "RollPaperWidth": "80mm",
    "NearEndSetting": "Disable"
   }, "Maintenance": {
        "ThermalHead": {
           "NumberOfWarningDot": "0",
"PositionOfWarningDot": "",
"NumberOfBrokenDot": "0",
"PositionOfBrokenDot": ""
            "RollPaper_FeedLines": "53408",
"RollPaper_CutterDrives": "5647"
   }, "FormatName": "TM-Form",
    "Rev": "1"
```

Corresponding Models

	Key Info			=	풀	
1	2 3	Value	EU-m30	II0EW-WL	TM-m30II-H	TM-L100
Forma	atName	"TM-Form"	~	~	~	~
Rev		"1"	V	~	~	~
Printe	rSpec		V	~	~	~
	Product		~	~	~	~
	SerialNo		~	~	~	~
9	Spec		V	~	~	~
	Language		~	~	~	~
		"80"	~	~	~	~
	PaperWidth	"58"	~	~	~	~
		"40"	-	-	-	~
	HeadDpi		~	~	~	~
Settin	g		~	~	~	~
,	AutoCut		~	~	~	~
	CutAfterPaperset	"Invalid" , "Valid"	~	~	~	~
ı	Buzzer		~	~	~	~
	Select	"Invalid" , "Valid"	~	~	~	~
(Command		~	V	~	~
	AutoCR	"Invalid" , "Valid"	~	~	~	~
I	Print		~	V	~	~

"DIPSW"			Key Info			_	王	
Tooks	1	2	3	Value	EU-m30	TM-m30II	TM-m30II-H	TM-L100
"75%4"				"DIPSW"	-	-	-	-
"80%" "85%" "90%" "100%" "100%" "100%" "110%" "115%" "115%" "120%" "125%" "125%" "125%" "125%" "125%" "125%" "120%" "125%" "120%				"70%"	~	~	~	~
"85%" "90%" "90%" "100%" "100%" "110%" "110%" "115%" "120%" "125%" "125%" "125%" "120%" "125%" "120%" "125%" "120%				"75%"	~	~	~	~
"90%"				"80%"	~	~	~	~
Density "100%"				"85%"	~	~	~	~
Density "100%"				"90%"	~	~	~	~
"100%" "105%" "110%" "115%" "120%" "125%" "130%" "130%" "14evel1" "Level2" "Level3" "Level4" "Level6" "Level6" "Level6" "Level6" "Level8" "Level9" "Level1" "Level11" "Level11" "Level12" "Level14" "Level13" "Level14" "Level14" "Level15" "Level14" "Level15"			Doneity	"95%"	~	~	~	~
"110%" "115%" "120%" "125%" "130%" "Level1" "Level2" "Level3" "Level4" "Level4" "Level6" "Level6" "Level6" "Level7" "Level7" "Level9" "Level9" "Level9" "Level9" "Level10" "Level11" "Level11" "Level12" "Level13" "Level14" "Level14" "Level14" "Level14" "Level15" "Level15" "Level15" "Level14" "Level15" "Level15" "Level15" "Level15"			Density	"100%"	~	~	~	~
"115%" "120%" "125%" "130%" "130%" "Level1" "Level2" "Level3" "Level4" "Level4" "Level6" "Level6" "Level7" "Level8" "Level8" "Level10" "Level10" "Level11" "Level12" "Level11" "Level12" "Level13" "Level13" "Level14" "Level14" "Level15" "Level15" "Level15" "Level15" "Level16" "Level10" "Level10" "Level10" "Level10" "Level11" "Level11" "Level12" "Level13" "Level14" "Level15"				"105%"	~	~	~	~
"120%" "125%" "130%" "Level1" "Level2" "Level3" "Level4" "Level4" "Level6" "Level6" "Level7" "Level7" "Level8" "Level8" "Level10" "Level11" "Level11" "Level11" "Level12" "Level13" "Level13" "Level13" "Level14" "Level14" "Level15" "Level15" "Level14" "Level15" "Level14" "Level14" "Level15" "Level14" "Level15" "Level14" "Level15" "Level15"				"110%"	~	~	~	~
"125%"				"115%"	~	~	~	~
"130%" "Level1" "Level2" "Level3" "Level4" "Level5" "Level6" "Level7" "Level8" "Level8" "Level9" "Level10" "Level11" "Level11" "Level12" "Level12" "Level12" "Level13" "Level13" "Level14" "Level14" "Level15" "Level15" "Level15" "Level15" "Level15" "Level15" "Level15" "Level15"				"120%"	~	~	~	~
"Level1"				"125%"	~	~	-	~
"Level2" "Level3" "Level4" "Level5" "Level6" "Level6" "Level7" "Level8" "Level9" "Level10" "Level10" "Level11" "Level12" "Level12" "Level13" "Level14" "Level15" "Level15"				"130%"	~	~	-	~
"Level3" "Level4" "Level5" "Level6" "Level7" "Level7" "Level8" V V V V "Level8" V V V V "Level11" "Level11" "Level12" "Level13" "Level13" "Level14" "Level15" "Level15"				"Level1"	~	~	~	~
"Level4" "Level6" "Level7" "Level8" "Level9" "Level10" "Level11" "Level12" "Level12" "Level13" "Level14" "Level14" "Level14" "Level15" "Level15" "Level15" "Level15"				"Level2"	~	~	~	~
"Level5"				"Level3"	~	~	~	~
"Level6"				"Level4"	~	~	~	~
Speed "Level8"				"Level5"	~	~	~	~
"Level8"				"Level6"	~	~	~	~
Speed "Level9"				"Level7"	~	~	~	~
"Level10" "Level11" "Level12" "Level13" "Level14" "Level15" "Level15" "Level15"				"Level8"	~	~	~	~
"Level11"			Speed	"Level9"	~	~	~	~
"Level12"				"Level10"	~	~	~	~
"Level13"				"Level11"	~	~	~	~
"Level14"				"Level12"	~	~	~	-
"Level15"				"Level13"	~	~	~	-
				"Level14"	~	-	-	-
"Level16"				"Level15"	-	-	-	-
				"Level16"	-	-	-	-
Level17"				"Level17"	-	-	-	-

		Key Info			_	프	
1	2	3	Value	EU-m30	TM-m30II	TM-m30II-H	TM-L100
			"Standard"	~	~	~	~
			"48/36" , "48¥¥/36"	-	-	-	-
		ColumnEmulation	"46/32" , "46¥¥/32"	-	-	-	-
		Columnemulation	"42/42"	-	-	-	-
			"42/32" , "42¥¥/32"	-	~	~	-
			"42"	-	-	-	~
		Doll Danay Midth	"58mm"	~	~	~	-
		RollPaperWidth	"80mm"	~	~	~	-
		NearEndSetting	"Disable" , "Enable"	~	~	~	-
		PaperWidthWithGuide	"40mm"	-	-	-	~
		PaperwidthwithGuide	"58mm"	-	-	-	~
Main	ntena	nce		~	~	~	~
	Ther	malHead		-	~	~	~
		Number Of Warning Dot		-	-	~	-
		Position Of Warning Dot		-	-	~	-
		NumberOfBrokenDot		-	-	~	-
		PositionOfBrokenDot		-	-	~	-
	Cou	nter		~	~	~	~
		RollPaper_FeedLines		~	~	~	~
		RollPaper_CutterDrives		~	~	~	~

JSON仕様シート

JSON仕様

Epson ePOS SDK for Android と Epson ePOS SDK for iOS の下記 API で使用する JSON フォーマットの仕様を解説します。

- setPrinterSettingEx
- $\bullet \ \ setGetPrinterSettingExListener/setGetPrinterSettingExDelegate$

RW: Read Write(設定の取得及び変更可能) RO: Read Only(設定の取得のみ可能)

Key Info		Value I	nfo	/ #
1 2 3	説明	属性	設定値の一覧、説明	—————————————————————————————————————
FormatName	フォーマット名	RW	TM ジャンルのプリンター情報フォーマット "TM-Form"	
Rev	情報フォーマットの管理番号(データ構造変更を Rev で管理する)	RW	TM ジャンルのプリンター情報フォーマットのリビジョン番号 "1"	
PrinterSpec	プリンター仕様情報			
Product	製品情報			
SerialNo	シリアル番号	RO	シリアル番号(GS I 68 コマンドで取得できる値)	
Spec	仕様情報			
Language	多国語フォント名	RO	現在選択されている多国語フォント名(GS I 69 コマンドで取得できる値)	
			"80": 80mm 用紙幅設定	
PaperWidth	用紙幅 (mm)	RO	"58": 58mm 用紙幅設定	
			"40": 40mm 用紙幅設定	
HeadDpi	ヘッド仕様 (dpi)	RO	サーマルプリントヘッドのメカ解像度	
Setting	設定			
AutoCut	カッター関連			
CutAfterPaperset	カバークローズ時の用紙自動カット (GS (E fn=5 a=100)	RW	"Invalid": カットしない、"Valid": カットする	
Buzzer	Buzzer 機能			
Select	ブザー機能 有効なブザーの選択 (GS (E fn=5 a=119)	RW	"Invalid": 無効、"Valid": 有効	
Command	コマンド関連機能			
AutoCR	自動改行 (MSW1-5 or DSW1-1) Parallel インターフェイスを搭載している場合、変更不可。 Primula-iHub では、DSW1-1。 【関連項目】 PrinterSpec/Interface/UIB	RW	"Invalid": 常時無効 (MSW1-5 OFF) "Valid": 常時有効 (MSW1-5 ON)	
Print	印刷関連設定			

	Key Info		Value I	nfo	/# * */
1 2	3	説明	属性	設定値の一覧、説明	1佣名
				"DIPSW": ディップスイッチの設定に従う	
				"70%": 70%	
				"75%": 75%	
				"80%": 80%	
				"85%": 85%	
				"90%": 90%	
	Density	印字濃度 (GS (E fn=5 a=5)	RW	"95%": 95%	
	Delisity		1100	"100%": 100%	
				"105%": 105%	
				"110%": 110%	
				"115%": 115%	
				"120%": 120%	
				"125%": 125%	
				"130%": 130%	
				"Level1": 印字速度レベル 1	一 備考
				"Level2": 印字速度レベル 2	
				"Level3": 印字速度レベル 3	
				"Level4": 印字速度レベル 4	
				"Level5": 印字速度レベル 5	
				"Level6": 印字速度レベル 6	
				"Level7": 印字速度レベル 7	
				"Level8": 印字速度レベル 8	
	Speed	印字速度 (GS (E fn=5 a=6)	RW	"Level9": 印字速度レベル 9	
				"Level10": 印字速度レベル 10	
				"Level11": 印字速度レベル 1 1	
				"Level12": 印字速度レベル 12	
				"Level13": 印字速度レベル 13	
				"Level14": 印字速度レベル 14	
				"Level15": 印字速度レベル 15	
				"Level16": 印字速度レベル 16	
				"Level 17": 印字速度レベル 17	

	Key Info		Value l	nfo	/#-# /
1 2	3	説明	属性	設定値の一覧、説明	- 備考
				"Standard": 標準桁モード "48/36": 48/36 桁モード "48¥¥/36": 48/36 桁モード (¥ 記号あり)	
	ColumnEmulation 桁数エミュレーション (GS (E fn=5 a=1	桁数エミュレーション (GS (E fn=5 a=11)	RW	"46/32": 46/32 桁モード "46¥¥/32": 46/32 桁モード(¥記号あり、エスケープ文字対応) "42/42": 42 桁モード	"X/Y" は X: 紙幅 80 mm 時の桁数 Y: 紙幅 50 mm 時の桁数
				"42/32": 42/32 桁モード "42¥¥/32": 42/32 桁モード(¥ 記号あり、エスケープ文字対応)	"X/Y" は X: 紙幅 80 mm 時の桁数 Y: 紙幅 50 mm 時の桁数 を表す。
				"42" : 42 桁モード 	
	RollPaperWidth	 用紙幅 (GS (E fn=5 a=3)	RW	"58mm": 58 mm	
				"80mm": 80 mm	
	NearEndSetting	NearEnd センサーの有効無効 (MemSW5-6)	RW	"Disable": 無効、"Enable": 有効	
	PaperWidthWithGuide	用紙ガイドをつけたときの紙幅 (MSW6-8)	RW	"40mm" : 40mm/80mm 切り替え "58mm" : 58mm/80mm 切り替え	
Maintena	ince				
The	rmalHead				
	NumberOfWarningDot	Warning 閾値を超えたドット(もうすぐ壊れそうなドット)の数を返す。	RO	"-1": ドット抜けの検出に失敗した "0": Warning 閾値を超えたドットなし "1" ~ "512": Warning 閾値を超えたドットの数	
	PositionOfWarningDot	Warning 閾値を超えたドットの位置 印刷面左端ドットの位置を 1 とし、Warning 閾値を超えた全てのドット位置を返す。	RO	""(空文字): ドット抜けの検出に失敗した。もしくは、Warning 閾値を超えたドットがない。 "16 進文字列 ": Warning 閾値を超えたドットがある。	
	NumberOfBrokenDot	故障閾値を超えたドット(故障したドット)の数を返す。	RO	"-1": ドット抜けの検出に失敗した "0": 故障閾値を超えたドットなし "1" ~ "512": 故障閾値を超えたドットの数	
	PositionOfBrokenDot	故障閾値を超えたドットの位置 印刷面左端ドットの位置を 1 とし、故障閾値を超えた全てのドット位置を返す。	RO	""(空文字): ドット抜けの検出に失敗した。もしくは、故障閾値を超えたドットがない。 "16 進文字列 ": 故障閾値を超えたドットがある。	
Cou	nter	メンテナンスカウンター(積算)			
	RollPaper_FeedLines	紙送り行数 [行]	RO	"": ~ "": 4byte 10 進数最大値	
	RollPaper_CutterDrives	オートカッター駆動回数 [回]	RO	"": ~ "": 4byte 10 進数最大値	

jsonStringの取得例

```
"PrinterSpec": {
    "Product": {
              "SerialNo": "ABCD000002"
      },
"Spec": {
    "Language": "KANJI JAPANESE"
},
"Setting": {
    "AutoCut": {
        "CutAfter"
             "CutAfterPaperset": "Invalid"
        },
"Buzzer": {
             "Select": "Valid"
        },
"Command": {
             "AutoCR": "Invalid"
      },
"Print": {
"Pansi
            Print : {
    "Density": "100%",
    "Speed": "Level13",
    "ColumnEmulation": "Standard",
    "RollPaperWidth": "80mm",
    "NearEndSetting": "Disable"
},
"Maintenance": {
    "ThermalHead": {
        "NumberOfWa
            "NumberOfWarningDot": "0",
"PositionOfWarningDot": "",
"NumberOfBrokenDot": "0",
"PositionOfBrokenDot": ""
             "RollPaper_FeedLines": "53408",
"RollPaper_CutterDrives": "5647"
    },
"FormatName": "TM-Form",
    "Rev": "1"
```

対応機種

		Key Info		=	王	
1	2	3	Value	TM-m30II	TM-m30II-H	TM-L100
Forn	natNa	ame	"TM-Form"	~	~	~
Rev	Rev		"1"	~	~	~
Prin	PrinterSpec			~	~	~
	Prod	luct		~	~	~
		SerialNo		~	~	~
	Spec	3		~	~	~
		Language		~	~	~
			"80"	~	~	~
			"58"	~	~	~
			"40"	-	-	~
		HeadDpi		~	~	~
Sett	ing			~	~	~
	Auto	Cut		~	~	~
		CutAfterPaperset	"Invalid"、"Valid"	~	~	~
	Buzz	er		~	~	~
		Select	"Invalid"、"Valid"	~	~	~
	Com	mand		~	~	~
		AutoCR	"Invalid"、"Valid"	~	~	~
	Print	t		~	~	~

		Key Info		_	王	_
1	2	3	- Value	TM-m30II	тм-шзош-н	TM-L100
			"DIPSW"	-	-	-
			"70%"	~	~	~
			"75%"	~	~	~
			"80%"	~	~	~
			"85%"	~	~	~
			"90%"	~	~	~
		Donoity	"95%"	~	~	~
		Density	"100%"	~	~	~
			"105%"	~	~	~
			"110%"	~	~	~
			"115%"	~	~	~
			"120%"	~	~	~
			"125%"	~	-	~
			"130%"	~	-	~
			"Level1"	~	~	~
			"Level2"	~	~	~
			"Level3"	~	~	~
			"Level4"	~	~	~
			"Level5"	~	~	~
			"Level6"	~	~	~
			"Level7"	~	~	~
			"Level8"	~	~	~
		Speed	"Level9"	~	~	~
			"Level10"	~	~	~
			"Level11"	~	~	~
			"Level12"	~	~	-
			"Level13"	~	~	-
			"Level14"	-	-	-
			"Level15"	-	-	-
			"Level16"	-	-	-
			"Level17"	-	-	-

		Key Info		_	王	
1	2	3	Value	TM-m30II	TM-m30II-H	TM-L100
			"Standard"	~	~	~
			"48/36"、"48¥¥/36"	-	-	-
		ColumnEmulation	"46/32"、"46¥¥/32"	-	-	-
		Columnicimation	"42/42"	-	-	-
			"42/32"、"42¥¥/32"	~	~	-
			"42"	-	-	~
		PollDanorWidth	"58mm"	~	~	-
	RollPaperWidth	"80mm"	~	~	-	
		NearEndSetting	"Disable"、"Enable"	~	~	-
		PaperWidthWithGuide	"40mm"	-	-	~
		PaperwidtiwithGuide	"58mm"	-	-	~
Mair	ntena	nce		~		~
	Ther	malHead	""(空文字)、"16進文字列"	~	~	~
		NumberOfWarningDot	"-1"、"0"、"1" ~ "512"	-	~	-
		PositionOfWarningDot	""(空文字)、"16進文字列"	-	~	-
		NumberOfBrokenDot	"-1"、"0"、"1"~"512"	-	~	-
		PositionOfBrokenDot		-	~	-
	Cou	nter		~	~	~
		RollPaper_FeedLines	"":~""	~	~	~
		RollPaper_CutterDrives	"":~""	~	~	~