# Laplanda



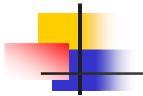
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GUI and Guide of Manufacturing Execution System (MES) with SQL (Structured Query Language) BD (Database) Connectivity

SOP (Standard Operation Procedure with Subversion repository)







Laplanda_MES_S	QL_Connect													-	-		×
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#### Work: Work Options: SOP SOP List: SOP Directory List

This Option shows Company repository folders. The Folders for all repository created in the special place in the Network or on the local host (see next slide).

The Log allows to get who and when read and changed the Company SOP files.

Also the change of the information creates the Log of changes and copy all original status to compare with new changed as a separate records.

Continue...

Laplanda_MES_SC	QL_Connect	Task	Operations	-	
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#### Work: Work Options: System Data SysData Select: Save SOP credential

"Path to SOP folder" can be created. The Folders for all repository can be created in the special place in the Network or on the local host. "SOP Password for Users to Open Document" can be created to see and to open the Company SOP files. "SOP Information" can be provided. Save.

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## PC path to Program/data/sop

Defined folders: •Documents •Images •Library

Any file placed in this folders will arise in "SOP List" directory Table.

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#### Work: Work Options: SOP SOP List: Document folder

This Option shows all files in Document folder. "Show with file details" function will extract the delimited data to the file information table.

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## PC path to Program/data/sop/Documents

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\$ sign used as a delimiter to place the information to the particular column, so the name of the file contains the necessary information to know to User

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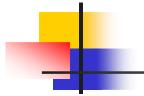
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#### Work: Work Options: SOP SOP Options: Library folder

Search, click on document. "Open" Function opens any document in the defined Folders.

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#### Work: Work Options: SOP SOP Options: Documents folder

When "Open", the "SOP Table Created" automatically, if it is not exists.

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#### Work: Work Options: System Data SysData Task Select: Users Password and Access

Work Option: SOP is visible if this Function determined by placing "x" for the allowed User.

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ES_Elizabeth	123	ElizabethWarren	Production	MS1,MS2	Engineer	Х	Х	-	-	-	Х	Х
IES_John	123	JohnTurturro	Fab2	Epi	Engineer	÷	-	Х	Х	Х	Х	-
ES_Ashley	123	AshleyMoss	Fab2	Epi	Engineer	-0	-	-	-	-	-	-
ES_Brian	123	BrianLee	Sale	Relations, Test	Engineer	-	-	-	-	-	-	-
ES_Sidney	123	SydneyCrosby	Fab1	Epi	Technitian	-	20	-	122	2	-	-
ES_Natalya	123	NatalyaBailey	Production	MS3	Engineer	х	х	Х	X	Х	X	X
ES_Alex	123	AlexBouja	Production	MS4	Engineer	х	Х	Х	Х	Х	Х	Х
ES_Suzanne	123	SuzanneSanto	Fab2	Inspection	Engineer	-	-	÷	1915	-	-	-
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Work Option: SOP is visible if this Function determined by placing "x" for the allowed User.

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#### Work: Work Options: SOP SOP List: SOP Admission Records

All changes or activity in "SOP" are saving in SOP Admission Records table.

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0         M55 Bill-Login         0.4067           1         M55 Bill-Login         0.40667           4         M55 Bill-Bow delete query         0.40667           5         M55 Bill-Row delete query         0.40667           6         M55 Bill-Row delete query         0.40667           7         M55 Bill-Row delete query         0.40667           6         M65 Bill-Row delete query         0.40667           7         M55 Bill-Row delete query         0.40667           7         M55 Bill-Solptier deleted         0.40667           9         M55 Bill-Solptier deleted         0.40667           9         M55 Bill-Login         0.40667           1         M55 Bill-Login         0.40667           1         M55 Bill-Login         0.40667           1         M55 Bill-Login         0.40667           1         M55 Bill-Login         0.40667           2         M55 Bill-Login         0.40667           3         M55 Bill-Login         0.40667           4         M55 Bill-Login         0.40667           4         M55 Bill-Login         0.40667           4         M55 Bill-SopFine Opened: Document Name 003 5 Lins Number 003 5 Document Type 003 5 Revision 003 \$ Number 003 5 D	MES_Bill-Login         64/06/2020           MES_Bill-Solpin	1	MES_Bill-LogIn		03/30/2020 2
MES_BIIL.cgin         04/06/2           MES_BIIL.Row delete query         04/06/2           MES_BIII.Row delete query         04/06/2           MES_BIII.Row delete query         04/06/2           MES_BIII.Split.rogin         04/06/2           MES_BII.Split.Toble         04/06/2           MES_BII.Split.rogin         04/06/2           MES_BII.LogOut         04/06/2           MES_BII.LogIn         04/06/2           MES_BII.SupFile (Depind: Document Name 003 S Line Number 003 S Process Area 003 S Document Type 003 S Revision 003 S Number 003 S Decreption 003.doc.doc/04/06/2	MES_Bill-LogIn         64/06/2020           MES_Bill-Row delete query         04/06/2020           MES_Bill-Row delete query         04/06/2020           MES_Bill-Row delete query         04/06/2020           MES_Bill-Toble = TogUser' deleted         04/06/2020           MES_Bill-Toganizations/txturer new record         04/06/2020           MES_Bill-LogIn         04/06/2020           MES_Bill-SOP File Opened: Document Name 003 \$ Line Number 003 \$ Process Area 003 \$ Document Type 003 \$ Revision 003 \$ Number 003 \$ Decription 003.000           MES_Bill-SOP File Opened: MES_002 \$ GUI Logo \$ Password protection \$ Vers 100_001 \$ rev 001/pg         04/06/2020	2	MES_Bill-Message To: MES_Bill	03/30/2020 22:28:06	03/30/2020 2
4         MSS_BiH Rev delte query         64/06/C/           5         MSS_BiH Rev delte query         64/06/C/           6         MSS_BiH Rev delte query         64/06/C/           6         MSS_BiH - Togituer' delted         64/06/C/           7         MSS_BiH - Togituer' delted         64/06/C/           7         MSS_BiH - Togituer' delted         64/06/C/           7         MSS_BiH - Togituer' delted         64/06/C/           9         MSS_BiH - Togituer' delted         64/06/C/           9         MSS_BiH - Togituer' delted         64/06/C/           9         MSS_BiH - Togituer' delted query         64/06/C/           1         MSS_BiH - Togin         64/06/C/           1         MSS_BiH - Togin         64/06/C/           2         MSS_BiH - Togin         64/06/C/           4         MSS_BiH - Togin         64/06/C/           4         MSS <bih -="" td="" togin<="">         64/06/C/           4         MSS_BiH - Sopin         64/06/C/           4         MSS_BiH - Sopin         64/06/C/</bih>	MES_Bit-Row delete query         64/06/2020           MES_Bit-Row delete query         64/06/2020           MES_Bit-Row delete query         64/06/2020           MES_Bit-Roy delete query         64/06/2020           MES_Bit-Roy delete query         64/06/2020           MES_Bit-Roy delete query         64/06/2020           MES_Bit-Roy delete query         64/06/2020           MES_Bit-Login         64/06/2020           MES_Bit-SOF Fite Openet: Document Name 003 \$ Line Number 003 \$ Decenption 003 \$ Number 003 \$ Decenption 003 condors \$ 04/06/2020           MES_Bit-SOF Fite Openet: MES_D02 \$ GUI Logo \$ Password protection \$ Vers 100_001 \$ rev 01/jpg	)	MES_Bill-LogIn		04/06/2020 1
5         MES, Bill-Row delete guery         04/06/2           6         MES, Bill-Toble 'LogUse' deleted         04/06/2           7         MES, Bill-Toble 'LogUse' deleted         04/06/2           8         MES, Bill-Toble 'LogUse' deleted         04/06/2           9         MES, Bill-LogIn         04/06/2           0         MES, Bill-LogIn         04/06/2           0         MES, Bill-LogIn         04/06/2           1         MES, Bill-LogIn         04/06/2           2         MES, Bill-SOP File Opened: Document Name 003 S Line Number 003 S Process Area 003 S Document Type 003 S Revision 003 S Number 003 S Decription 003.         04/06/2	MES_Bill-Foor delete query         04/06/2020           MES_Bill-Totable "LogUser" deleted         04/06/2020           MES_Bill-LogIn         04/06/2020           MES_Bill-LogIn         04/06/2020           MES_Bill-LogIn         04/06/2020           MES_Bill-LogIn         04/06/2020           MES_Bill-SOP File Opened: Document Name 003 \$ Line Number 003 \$ Process Area 003 \$ Document Type 003 \$ Revision 003 \$ Number 003 \$ Description 002.docc           MES_Bill-SOP File Opened: MES_002 \$ GUI Logo \$ Password protection \$ Vers 100_001 \$ rev 001.jpg         04/06/2020	3	MES_Bill-LogIn		04/06/2020 1
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7         MES_Bill-"OrganizationalStructure" new record         04/06/7           8         MES_Bill-Sogin         04/06/7           9         MES_Bill-Login         04/06/7           0         MES_Bill-Login         04/06/7           0         MES_Bill-Login         04/06/7           0         MES_Bill-Login         04/06/7           1         MES_Bill-Login         04/06/7           2         MES_Bill-Sol File         0           4         MES_Bill-Sol File         0           4         MES_Bill-Sol File         0           4         MES_Bill-Sol File         0	MES_Bill-ToganizationalStructure* new record         04/06/2020           MES_Bill-Login         04/06/2020           MES_Bill-Login         04/06/2020           MES_Bill-Login         04/06/2020           MES_Bill-Login         04/06/2020           MES_Bill-Login         04/06/2020           MES_Bill-Login         04/06/2020           MES_Bill-Solph         04/06/2020           MES_Bill-Solph File Opened: Document Name 003 \$ Line Number 003 \$ Process Area 003 \$ Document Type 003 \$ Revision 003 \$ Number 003 \$ Description 003.docx           MES_Bill-SOP File Opened: MES_002 \$ GUI Logo \$ Password protection \$ Vers 100_001 \$ rev 001 jpg         04/06/2020	5	MES_Bill-Row delete query		04/06/2020 1
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9         MES_Biil-LogOut         04/06/2           0         MES_Biil-LogIn         04/06/2           1         MES_Biil-LogIn         04/06/2           2         MES_Biil-LogIn         04/06/2           3         MES_Biil-LogIn         04/06/2           4         04/06/2         04/06/2           5         04/06/2         04/06/2           6         04/06/2         04/06/2	MES_Bill-LogOut         64/06/2020           MES_Bill-LogIn         04/06/2020           MES_Bill-LogIn         04/06/2020           MES_Bill-SolP         04/06/2020           MES_Bill-SolP File Opened: Document Name 003 \$ Line Number 003 \$ Process Area 003 \$ Document Type 003 \$ Revision 003 \$ Number 003 \$ Description 003.docs           MES_Bill-SolP File Opened: MES_002 \$ GUI Logo \$ Password protection \$ Vers 100_001 \$ rev 001.jpg           MES_Bill-SolP File Opened: MES_002 \$ GUI Logo \$ Password protection \$ Vers 100_001 \$ rev 001.jpg		MES_Bill-"OrganizationalStructu	ure" new record	04/06/2020 1
0         MES_Bill-Login         04/06/0           1         MES_Bill-Login         04/06/0           2         MES_Bill-Login         04/06/0           3         04/06/0         04/06/0           4         MES_Bill-Login         04/06/0           4         04/06/0         04/06/0           5         04/06/0         04/06/0           6         04/06/0         04/06/0           6         04/06/0         04/06/0           6         04/06/0         04/06/0           6         04/06/0         04/06/0           6         04/06/0         04/06/0           7         MES_Bill-Sop File Opened: Document Name 003 \$ Line Number 003 \$ Process Area 003 \$ Document Type 003 \$ Revision 003 \$ Number 003 \$ Document Opened: Document Type 003 \$ Document Typ	MES_Bill-Login 04/06/2020 MES_Bill-Login 04/06/2020 MES_Bill-SOP File Opened: Document Name 003 \$ Line Number 003 \$ Process Area 003 \$ Document Type 003 \$ Revision 003 \$ Number 003 \$ Description 003.docc 04/06/2020 MES_Bill-SOP File Opened: MES_002 \$ GUI Logo \$ Password protection \$ Vers 100_001 \$ rev 001.jpg 04/06/2020				04/06/2020 1
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Refresh Table Search Table Column to Sort num Rows Columns Header Color			MES_BIII-LogOut MES_BII-LogIn MES_BIII-LogIn MES_BIII-SOP File Opened: Doc MES_BIII-SOP File Opened: MES	,002 \$ GUI Logo \$ Pessword protection \$ Vers 100,001 \$ rev 001.jpg Refresh Table Search Table Column to Sort num Rows Columns	04/06/2020 1 04/06/2020 1 3.docx 04/06/2020 1

Work: Work Options: Manage Manage Options: Manage User Log Manage User Log: LogUserAll

All changes or activity in "SOP" are saving in User Log and UserAll Log

Pick a line. Print.

Continue...



#### MES\_Bill Report

MES	SQL Connect			
Column	Value			
Transaction ID	222			
Transaction Name	MES_Bill-SOP File Opened: Document Name 003 \$ Line Number 003 \$ Process Area 003 \$ Document Type (			
Transaction Time	04/06/2020 18:04:24			
Transaction Made By	UserAll			

#### MES\_SQL\_Connectivity Report Generation

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## Print: SOP Log Report Tag

"Report" Tag is printed as HTML in browser. This Tag can be saved or printed using existed peripheral.

Return to Program...