Working with OpeneOffice

OpenOffice is a full office suite. It has dBase capability that you can use in CITECT programming. You can edit your files, add and delete fields, modify filed length and edit the Local language files. You can download it from "OpenOffice.Org" (select your language, file size 64MB). You need to have Jave Virtual Machine installed in your computer; download it from "Java.Sun.Com/j2se/1.4.2/download.html" select "Window offLine Installation" - JRE (file size 14MB). You have to install it first.

Before you use it, is better to read the Help chapter "Using Database Editors (other than CitectHMI/SCADA)"

You have some choices

1: Work in a dBse like window (like MsAccess).

You should open a new document (" text" or "SpreadSheet").

press the icon 🔲 or press "F4" and you will see this



click with Right mouse in the left side (red mark) and select the Administrate option. And you will see the following Form.

Data Source Administrati	on	
New Data Source	General dBase Tables	Queries Links
💩 Bibliography 💩 et_big	 Name	MyProject
😼 et_big_rus 💀 Data source 1	Connection	
Real Processing of Control	Database <u>t</u> ype	dBase
	Data source URL	sdbc:dbase:dile:///D:/citect56r0/User/CSV_Example

Press "New Data Source" and fill the name, chose type "dBase" and enter the location of your project by the browser tool.

Data Source Administra	tion	
New Data Source	General dBase Tables Queries Links	Select "dBase" tab and chose your
む et_big む et_big_rus	<u>C</u> haracter set	local language to edit your "local
40 My Project	Hebrew (DOS/OS2-862)	language dBase".
	General 🗌 🗌 General 🗌 General 🗌 General 🗌 General	

New Data Source	General dBase Tables Queries Links
Bibliography My Project	Tables and table filters
9 et_big	
∰ et_big_rus	All tables TRENDBK TrendGrp TrendLst Tunits Tunits Tunits Tunits Tunits Tunits Tunits Tunits Tunits Tunits Tunits Tunits Tunits

Select the tables you want to see (you can change the selection letter) and press OK.

To see the dBase expand your Data source and select the desired dBase. You can edit it (remember to read the Citect Help). You can even change filed name and length of your devices (if you want to add fields) however remember to change the device definition.

🖽 💩 et_big		NAME	TYPE	UNIT	ADDR	RAW_ZERO	RAW_FULL	ENG_Z	E
🗉 😼 et_big_rus		Agitator_Cmd	DIGITAL	DISK_PLC	D302				
🗆 💩 My Project		Temp_Profile	INT	MEMORY_PLC	1700	0	20000	0	200
— , দিনীৰ Links		Oper_Input_Re:	al REAL	DISK_PLC	R69	0	100000	0	100
	4	Oper_Input_Inte	eç INT	DISK_PLC	1345	0	10000	0	100
		BoomMain	INT	Crane_PLC	11				
u u labies		Cable	INT	Crane_PLC	13	0	100	0	100
III TrendGrp		ClawUpper	INT	Crane_PLC	14	0	100	0	100
users		ClawTip	INT	Crane_PLC	15	0	100	0	100
🔤 💷 variable		DopmExtont	INIT	Cropp DLC,	10	<u> </u>	100	0	100

You can adjust the formatting (view) by RightClick where the red spot is and chose "Table Format..."

🖽 💩 et_big_rus 🛛 🔺		NAME	TYPE	1U
⊡ -®g Lam1		WORK_T_H	LONGBCD	IODev_La
🖽 🖓 hlinks		AC_OLD_PN_TN	LONGBCD	IODev_La
	4	AC OLDT DEVT	LI ONGBOD	IODev_La
		<u>T</u> able Format	GBCD	lODev_La
		<u>R</u> ow Height	GBCD	IODev_La
LAM1_CYC		Delete Rows	GBCD	IODev_La
🗌 🛄 pgdynobj		TAUC_CTC	LONGBCD	IODev_La
💷 variable	*			
	-	-		

The definitions are saved. You don't have to define them again next time.

Edit multiple language project.

You can edit multiple Local language files by defining some Data Source to your project. For every language define a new Data Source. You had to select the desired language in "dBase" tab and mark only the corresponding file.

Change and create your dBase files

***DON'T MODIFY SYSEM FILES, ONLY YOUR DEVICES

You can change the fields and their size with OpenOffice (you can't change dBase file by changing the device definition. See help chapter "Device Format").

You should point to the table you want to change and RightClick with the mouse, and select "Edit table".

You will get the following form.

<u>∼</u> opy	t [VARCHAR]
<u>D</u> elete	t [VARCHAR]
Insert Rows	t [VARCHAR]
S1_P	Text [VARCHAR]
S1_RP	Text [VARCHAR]
S1_HT	Text [VARCHAR]
S1_RP S1_HT	Text [VARCHAR] Text [VARCHAR]



In this form you can change the dBase fields settings. You should keep the following rules:

- Citect support only text fields.
- You should change your device definition according to your changes.
- Don't change system files.

- 2: Work in "Excel" like window.
 - This option doesn't work all the time. (below there is other way)

lpen					?
Lookin	C3V_Example		•	⇐ 🖻 💣 💷 ◄	
My Recent Documents Desktop My Documents My Computer My Network Places	SWITCHES.FRM System.ini System.ini test.ctp test.ctp test.ctp test.htm test.RD3 TTIWAY.PLC trend.DBF TTRENDARC.CI TRENDARC.CI TRENDARC.CI TRENDARC.CI TRENDARC.CI Trend.st.dbf UEDIT32.INI U.LtS.NFF U.LtS.NFF U.LtS.NFF U.LtS.NF		2 Users.DB ⁼ Utility.ctm Variable.DBF Variable.NDX Variable.NDX VAPIABLE.SQX Vol.ni Vobaddin.ni Vobaddin.ni Vsecome ini WebCoa.iri WebCoa.iri WwFPUNPS.cd 2 ZULU.DBF D Zulu.NDX		
	File name:	varicble.DBF		•	Open
	Files of type:	All files (*.*)		•	Cancel
	Version:			-	
		Read-only			
mport DBase fi	les				×
Character set				ОК	
Western Europ Western Europ Western Europ	e (DOS/DS2-861/Icelai e (DOS/DS2-863/Frend e (DOS/DS2-865/Nordi	ncic) ch (Can.)) ic)		Cancel	
Western Europ	e (ISO-8859-1)			Help	1

Press Open and select the dBase and the character set.

The file will be opened in a SpreadSheet. You can edit the file.

In top of each column you see the following format "TYPE,C,16", the filed name (TYPE), the filed data type (C – means text) and the filed length (16). You should not modify them. When you save your file you will see this warning:

Open	Office.org 1	.1			X
?	This document under dBASE. Do you OpenOffice.org	may contair u want to sav 1.0 Spreads	n attributes an ve your chang sheet format?	d information th es using the	at cannot be saved
		Yes	No	Cancel	

Answer to this with "NO".

You can change the default file type of SpreadSheet to "dBase" to avoid this warning. Tools -> Options.. -> Load/Save -> General Standard file format

D <u>o</u> cument type		Always sa <u>∨</u> e as
Text document HTML document	A	dBASE
Spreadsheet		
Precentation		

You can change the width of the columns in the SpreadSheet to fit your needs (it won't change the file setting).

WARNING: if you apply filter to the rows and drag a value over hidden rows (to fill with the same value multiple records) it will change the value of hidden rows too.

Other way to work in "Excel"-like window

r way to work in "Excel"	<u>"-like window</u>	<u>F</u> ile	<u>E</u> dit	⊻iew	Insert	F <u>o</u> rmat	Tools	Dat
This way is more compl First you had to open a select Insert->Sheet	Tahoma		周	<u>M</u> anual Bi <u>C</u> ells <u>R</u> ows Co <u>l</u> umns	lanual Break ells ows olumns			
"Browse" to select the f	ik Floin nie . And piess			ł		<u>S</u> heet		
Browse to select the file. Select the "character set", and press the "OK" button to see the file. In a dBase file you can't save multiple sheets. You had to delete all the other			1 2 3 4		External Data.)ata haracter.	:ter
sheets to avoid saving	Insert Sheet							X
the wrong sheet. When you save the file	Position						OK	
you had to supply the	C After current sheet						Cancel	
type ("dBase") and the file name.	/pe ("dBase") and the le name.					_	<u>H</u> elp	
	Ng. of sheets 1 + Name Sheet4							

N <u>o</u> of s Na <u>m</u> e	heets 1		
• Erom file	<u>.</u>	<u>B</u> rowse □ Lin <u>k</u>	
_brown_xga			
DBF IDX prown_xga.gwl DBF c.dbf .ctt .TMP TMP ctm .bpl .pl	TrData1.cii TrData1.dbf Trend1.ci Trend1.ctF Trend1.ctg Trend1.ctg Trend2.ctg Trend2.ctf Trend2.ctg Trend2.ctg Trend2.ctg Trend2.ctg Trend2.ctg Trend2.ctg Trend2.ctg Trend2.ctg Trend2.ctg	TrReset1.ctF TrReset1.ctg TrReset1.RDB TrReset.ci TrRstPen.dbf units.DBF units.nDF units.nDX users.DBF variable.DBF variable.DBF variable.NDX VARIABLE.SQX	