## **ESL Diagnostic Pack**

ESL Diagnostic Pack provides a view on the running ESL and JAVA scripts in an application. It is accessible from D2000 CNF Objects -> ESL Diagnostic Pack or D2000 GrEditor, Configuration D2000 -> ESL Diagnostic Pack.

Each script is interpreted within a process, which is DODM model. Depending on a configuration, these processes can be identical to the processes that run in an operating system (HIP, EVH, SES, HIS) or they are just DODM processes (SEE).

The physical processes are monitored on Physical process tab.

ESL Diagnostic Pac	ĸ						
Event Instances sJa	ava Instances	Event Definitions	DODM Process	Physical P	rocess	JVM Instance	es
List 🖌 🍸 ORI	DER BY ID (	(HOBJ)					
ID (H	OBJ) NAME		IP			AllocatedMe	emo
Enter text here	P Enter	text here 🏾 🖓	Enter text here	Y	Enter	text here	
<b>P</b>	55 SELE.	EVH	WS1BCON4		-	509 73	6 7
2:	33 3661.		M2 TPCOIN <del>1</del>			00070	
	232 WS18		WS1BCON4 WS1BCON4			6 63	-
		CON4.HIP					62
268 17	232 WS18	CON4.HIP SES	WS1BCON4			6 63	62 50

Description of columns:

ID (HOBJ)	Unique identifier of object of <i>Process</i> type in DODM model.
NAME	Unique name of object of Process type in DODM model.
IP	IP of computer where the process is running.
AllocatedMermory	Memory allocated to the given process.

When right clicking on any view, the popup menu appears with one option Copy. It enables to copy a displayed list into clipboard.

Event Instances	sJava Ins	tances	Event Definition	ns DODI	M Process	Physical Pr	rocess	JVM Instance	s
List 🗸 🍸	ORDER BY	ID (HO	(LBC						
I	d (Hobj)	NAME		IP				AllocatedMe	ma
Enter text here	Y	Enter te	xt here	🍸 Ente	r text here	7	Enter t	text here	
2	55	SELF.EV	н	WS1	BCON4			509 736	7
232		WS1BC0	DN4.HIP	WS1	BCON4			6 636	2
								229 685	: 0
	288	SELF.SE	S	WS1	BCON			229 003	
26		SELF.SE				Сору		7 032	

JVM Instances tab provides view on JVM instances:

E	- Javas Tarahanana	Event D. Collins	DODM	Dhuried Decesso	IVM Instan
Event Instances	sJava Instances	Event Definitions	DODM Process	Physical Process	JVM Instan
List 🗸 🍸	ORDER BY Physi	cal process			
Discustered and an end	All a sector of succession	Tabel manager	<b>F</b>	M	
Physical process	Allocated memory	y Total memory	Free memory	Max memory	
		y Total memory ▼ Enter t ▼			
		P Enter t P	Enter t 🝸		

#### JVM parameters:

Physical process	Name of physical process in which JVM is created.
Allocated memory	Amount of allocated memory in the Java Virtual Machine (total - free).
Total memory	Total amount of memory in the JVM.
Free memory	Amount of free memory in the JVM.
Max memory	Maximum amount of memory that Java Virtual Machine will attempt to use.

DODM Process tab provides view on DODM processes.

#### 💷 ESL Diagnostic Pack DODM Process Event Instances sJava Instances Event Definitions Physical Process JVM Instances List ~ $\mathbf{7}$ ORDER BY ID (HOBJ) ID (HOBJ) NAME Physical process D2000 HI Enter text here Enter text here The section of the se $\mathbf{Y}$ Enter text here Y $\mathbf{Y}$ 55 SELF.EVH SELF.EVH WS1BCON4.HIP 232 WS1BCON4.HIP WS1BCON4.HIP 288 SELF.SES SELF.SES 321 UNITUSER.EVH UNITUSER.EVH 268 173 295 WS1BCON4\_HI.HIS WS1BCON4\_HI.HIS WS1BCON4.HIP 268 173 296 WS1BCON4\_HI.SEE SELF.SES WS1BCON4.HIP

Description of columns:

ID (HOBJ)	Unique identifier of object of <i>Process</i> type in DODM model.
NAME	Unique name of object of <i>Process</i> type in DODM model.
Physical process	Name of physical process, in which DODM process is executed.
D2000 HI	Name of D2000 HI, if the process is used for interpretation of ESL scripts opened in the given HIP process.

If Physical process is of SES type, the value in NAME column is different than in Physical process column.

Event Definitions tab provides view on the definition of objects of Event or Picture type, as they are placed within the logical DODM processes.

#### ESL Diagnostic Pack

### Event Instances | sJava Instances | Event Definitions | DODM Process | Physical Process | JVM Instances | List | | | ORDER BY ID (HOB.)

ID (	(HOBJ)	NAME		Physical process		DODM process	D2000 HI	Kernel instance ID	Logical instance ID	BASE ID (HOBJ)	EventType
inter text here	7	Enter text here	Y	Enter text here	Y	Enter text here	P Enter text here	P Enter text h P	Enter text h 🍸	Enter tex 💡	Enter text here
1	219	E.server		SELF.EVH		SELF.EVH		0	0	219	SERVEREVENT
1	220	E.EF		SELF.EVH		SELF.EVH		0	0	220	TRIGGEREVENT
T	225	E.LongLine		SELF.EVH		SELF.EVH		0	0	225	TRIGGEREVENT
T	226	E.LongLine1		SELF.EVH		SELF.EVH		0	0	226	TRIGGEREVENT
	231	S.Browser		WS1BCON4_HI.HIS		WS1BCON4_HI.HIS	WS1BCON4.HIP	0	0	231	CLIENTANDSERVEREVEN
<b>A</b>	231	S.Browser		SELF.SES		WS1BCON4_HI.SEE	WS1BCON4.HIP	0	0	231	CLIENTANDSERVEREVEN
T	246	E.11111		SELF.EVH		SELF.EVH		0	0	246	TRIGGEREVENT
T	248	E.TTT		SELF.EVH		SELF.EVH		0	0	248	TRIGGEREVENT
T	259	E.VE		SELF.EVH		SELF.EVH		0	0	259	SERVEREVENT
T	263	E.SET_AS		SELF.EVH		SELF.EVH		0	0	263	TRIGGEREVENT
	264	E.INSERT		SELF.EVH		SELF.EVH		0	0	264	TRIGGEREVENT
<b>A</b>	289	S.Master		WS1BCON4_HI.HIS		WS1BCON4_HI.HIS	WS1BCON4.HIP	0	0	289	CLIENTANDSERVEREVEN
	290	S.Sub		WS1BCON4_HI.HIS		WS1BCON4_HI.HIS	WS1BCON4.HIP	0	0	290	CLIENTANDSERVEREVEN

The process of EVH type contains the definition of all its children (objects of *Event* type), or definition of objects of *Event* type, which were opened by OPENEVENT in the given process.

The process of HIS type contains the definition of currently opened pictures (client part of script) and definition of objects of *Event* type (client part of script), which were opened by OPENEVENT in the given process.

The process of SEE type contains the definition of server script of currently opened pictures and the objects of Event type on a dedicated HIS process.

ID (HOB J)	If an object has been opened multiply (OPEN action or OPENEVENT action), the column contains its dynamic HOBJ. This is a return value of %GetSelfHBJ(@FALSE).
NAME	Name of object containing ESL script.
Physic al proce ss DOD M proce ss	Name of objects of Process type (with suffix EVH, HIS, SEE, SES), which contains the given definition.
D2000 HI	Name of D2000 HI if DODM process is used for interpretation of ESL scripts opened in the appropriate HIP process.
Kernel instan ce ID	True number of instance. Value is 0 (zero), if the object is not opened multiply. If it has been opened as instance, in this column there is listed its real instance. This is the return value of function %GetSelfInstanceId(@TRUE).
Logica I instan ce ID	Required number of instance. The value is 0 (zero), if the object is not opened multiply. If it has been opened as instance, in this column there is listed its required instance. This is the return value of function %GetSelfInstanceId(@FALSE).
BASE ID (HOB J)	HOBJ of object that contains the given ESL script. This is a return value of %GetSelfHBJ(@TRUE) function.
Event Type	Configuration parameter. Possible values TRIGGEREVENT, SERVEREVENT, CLIENTANDSERVEREVENT, UNITEVENT.
Queu eLeng th	For object of SERVEREVENT or CLIENTANDSERVEREVENT type (this includes also a picture), the value means the number of requests (e. g. calls of RPC procedures, changes watched by ON CHANGE,) in a queue. For the event of TRIGGEREVENT type and the permission of request queue for start, the value means the number of requests for start.
Open ned by OPEN EVENT	A flag that indicates whether the instance was opened by OPENEVENT action. If yes, it may be closed or restarted after pressing right mouse button and selecting an appropriate option.
lastIns tanceId	The existence of definition of Event object on EVH process not necessarily mean the existence of its instance. This condition can occur with the Event object that is started by changing the value of object (trigger). In other cases, usually, just one instance of ESL script exists toward one definition. Each running instance in the process is defined by the unique identifier, which is displayed in this column. Its value can be retrieved by calling %GetEventInstanceId().

Numb	Number of instances of object of Event type that were started from given definition. Usually, it is 0 or 1. Higher value may be achieved when
er of	using ENABLE script action.
Instan	
ces	

After pressing right-mouse button, the menu with two options appears. The Edit option is available for object of Picture type only in D2000 GrEditor.



sJava Instances tab contains the list of all sJAVA instances.

]					E	SL Diagnos	tic Pack		_ □
Event I	nstar	nces sJava Instances	ent Definitions	DODM Process	s Physical P	rocess JVM In	stances		
List	~	ORDER BY ID (HOB.	1)						
ID (HO	BJ)	NAME	DODM Process	State	Start Time	Queue length	DB Transactions count	Table Change Listeners count	RPC Conversation contexts count
Ent	Y	Enter text here	Enter te 🍸	Enter 🍸	Ent 🍸	Enter t 🍸	Enter text here	Enter text here	Enter text here
2:	239	E.D2D2573	SELF.EVH	idle	29-06	0	0	0	0
27	265	E.rpcc	SELF.EVH	idle	29-06	0	0	0	C
	276	E.MAIL_SERVER_JAVA	SELF.EVH	idle	29-06	0	0	0	C
2	283	S.MAIL_CLIENT_JAVA	PC1SKOP3	idle	29-06	0	0	0	0
27	419	E.D2D3030_1	SELF.EVH	idle	29-06	0	0	0	0
2	100	S.java2	PC1SKOP3	init error	01-01			0	,

The following data of each instance are displayed:

ID (HOBJ)	HOBJ of object which the given instance belongs to.
NAME	Name of object which the given instance belongs to.
DODM process	Name of object of Process type (with suffix EVH, HIS, SEE), which contains the given instance.
State	Init_Error – sJava instance failed to start due to a compiler error or an error generated by JVM when creating an instance class (e.g. failed to find the dependent classes - classNotFound java exception).         IDLE – the request queue waiting for processing is empty and no request is processed (changing the value of object, request to execute RPC,).         Running – the request is processed.         SyncWaiting – passive waiting on finishing the synchronous action (e.g. reading data from archive, synchronous calling the RPC,) during processing the request.
Start Time	Creation time of instance(start of script).
QueueLength	Unprocessed requests in the queue.
DB Transactions count	Opened database transaction count (created by calling the dbTransOpen method).
Table Change Listeners count	Total count of listeners registered by calling the addDBTableListener method.
RPC Conversation contexts count	The registered RPC conversations defined in the application.

Event Instances tab provides the most interesting view on the system in term of diagnostic.

### 💷 ESL Diagnostic Pack

Event Instances Java Instances Event Definitions DODM Process Physical Process JVM Instances

List 🔽 🏹 ORDER BY Local vars data size

idInstance		ID (HOBJ		NAME		EventType	Openned by OPENE	D2000 HI		
Ent	. 7	Enter text here	7	Enter text here	7	Enter text here	7	Enter text here	Y	Enter text here
<b>2</b> 7	1 289		259	E.VE		SERVEREVENT		FALSE		
2	1 179		268173297	E.server		SERVEREVENT		TRUE		WS1BCON4.HIP
2	1 288		219	E.server		SERVEREVENT		FALSE		
2	1 290		305	E.REDIM		SERVEREVENT		FALSE		
2	1 292		313	E.CallServerWithQ		SERVEREVENT		FALSE		
2	1 293		314	E.VarSize		SERVEREVENT		FALSE		
24	1 169		289	S.Master		CLIENTANDSERVEREVEN	Г	FALSE		WS1BCON4.HIP
2	1 172		290	S.Sub		CLIENTANDSERVEREVEN	Г	FALSE		WS1BCON4.HIP
24	1 165		231	S.Browser		CLIENTANDSERVEREVEN	Г	FALSE		WS1BCON4.HIP
4	1 169		231	S.Browser		CLIENTANDSERVEREVEN	Г	FALSE		WS1BCON4.HIP
2	1 291		312	E.ServerWithQueue		SERVEREVENT		FALSE		
2	1 294		317	E.Empty		SERVEREVENT		FALSE		

This tab displays all running instances of ESL scripts in the system. Each instance contains these attributes:

idInstance	Unique identifier of instance. It may be get by calling the %GetEventInstanceId().
ID (HOBJ)	If the object was opened multiply (OPEN script action or OPENEVENT), the column contains its dynamic HOBJ. This is a return value of % GetSelfHBJ(@FALSE).
NAME	Name of object.
EventType	Configuration parameter. Possible values TRIGGEREVENT, SERVEREVENT, CLIENTANDSERVEREVENT, UNITEVENT.
Kernel instance ID	True number of instance. Value is 0 (zero), if the object is not opened multiply. If it has been opened as instance, in this column there is listed its real instance. This is the return value of function %GetSelfInstanceId(@TRUE).
Logical instance ID	Required number of instance. The value is 0 (zero), if the object is not opened multiply. If it has been opened as instance, in this column there is listed its required instance. This is the return value of function %GetSelfInstanceId(@FALSE).
Modify time stamp	Time stamp from the configuration of object.
Start Time	Creation time of instance (start of script).
Current Line	Currently executed line.
CNT count	(+) Number of created data containers.
CNT dataSize	(+) Memory size which is occupied by data from containers.
Local vars data size	(+) Memory size which is occupied by all local variables (they size may be found in the ESL Diagnostic Pack - Instance).
DB Connects count	(+) Number of database connections that are created by DB_CONNECT, PG_CONNECT and SQL_CONNECT.
DB Transactio ns count	(+) Number of database transactions opened by DB_TRANS_OPEN.
Files count	(+) Number of files opened or created by %FIO_* script action.
Object lists count	(+) Number of opened by LST_CREATE.
Status	Current script status (status ES_WAIT_EXTERNAL_RQ means the passive waiting).

Physical process, DODM process	Name of objects of <i>Process</i> type (with suffix EVH, HIS, SEE, SES), which contains the given instance.
Queue Length	For object of SERVEREVENT or CLIENTANDSERVEREVENT type (this includes also a picture), the value means the number of requests (e.g. calls of RPC procedures, changes watched by ON CHANGE,) in a queue. For the event of TRIGGEREVENT type and the permission of request queue for start, the value means the number of requests for start.
XML Docs count	<ul> <li>(+) Number of handles to XML objects.</li> <li>The value is the number of handles to XML objects that have been published to the ESL environment.</li> <li>XML objects can be entire XML documents, or a list of Child's, or just one element.</li> <li>Therefore, the value can be greater than the number of open XML Documents.</li> </ul>
DBS objects count	(+) Number of database objects with which data were exchanged (read/write).
D2000 HI	Name of D2000 HI if DODM process is used for interpretation of ESL scripts opened in the appropriate HIP process.

The columns with (+) contains the total count of elements which includes also possible instances of UNIT events !!!!

This menu appears after the right-clicking over the instance.

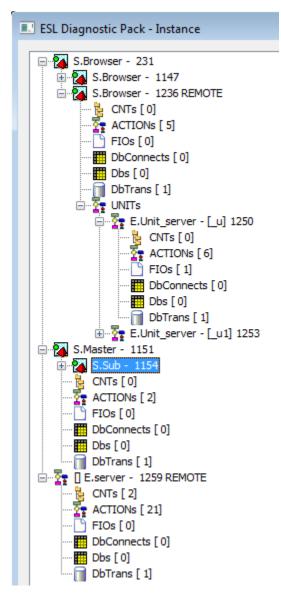
	Close Instance
	Restart Instance
	Open Detail
	Open Tree Detail
	Сору
	Edit
_	

The option *Close Instance* and *Restart Instance* is available only for instances that were opened by OPENEVENT script action and enables to close the instance or close and reopen (the required number of instance will remain).

The option Open Detail opens detail view on the instance (ESL Diagnostic Pack - Instance).

The option Open Tree Detail is available only for the script of picture. It opens detailed view on all opened pictures and events in the D2000 HI.

Example:



On the picture you may see that two pictures are opened in D2000 HI - S.Browser and S.Master.

The picture S.Browser has both a local and remote script (the remote one is specified by the word REMOTE). After the name, there is always the attribute *i* dinstance for better identification of instance. The remote script uses two event of UNIT type, which are declared in ESL script as \_u and \_u1. The picture S.Master contains the subpicture S.Sub.

In D2000 HI, there is opened the object of Event type - E.server. The name contains REMOTE flag, so it is started as the remote script. After right-clicking on the event or picture, this popup menu opens:

Refresh
Reset counters
Edit

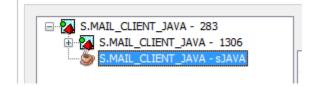
Refresh - refreshes data on instance of script or picture.

Reset counters - resets the counters in the lists of CNTs, ACTIONs, DbConnects, Dbs and DbTrans (in the text below).

If some picture has only JAVA script, this information will display:

	ESL Diagnostic Pack - Instance
S.MAIL_CLIENT_JAVA - sJAVA	List V ORDER BY Parameter
	Parameter Value
	Enter text here 🛛 Enter text here
	ID (HOBJ) 283
	Name S.MAIL_CLIENT_JAVA
	Queue Length 0
	RPC Conversation Contexts 0
	Start Time 24-06-2016 14:46:33.615
	State JISIDLE
	Table Change Listeners 0

If the picture has both ESL script and JAVA scrip, both will be displayed:

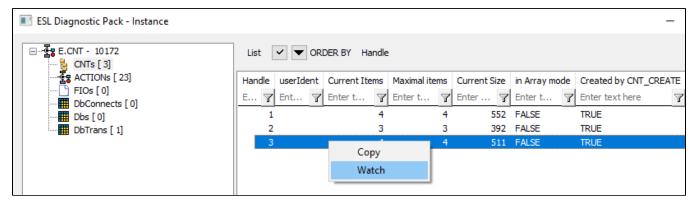


Each instance describes in detail its status by the following items (the number in the square brackets represents the number of instances for each item).

#### **CNTs** - data containers

After double-clicking on the data container, the line of its creation appears.

After right-click on the data container, the context-menu is opened. Click "Watch" to open Container object inspector.



Handle	Unique identifier of data container. The value is the same as value returned by CNT_CREATE.			
userIdent Value of string, defined by a user, within CNT_DEBUG.				
Current Items	Current items in the container.			
Maximal Items	Maximum items in the container (it may be reset by the option Reset counters).			
Current Size	Container size in Bytes.			
In Array mode	Flag that indicates the existence of internal array (see CNT_CNVTOARRAY script action).			
Created by CNT_CREATE	Described the way of creation of container. TRUE – CNT_CREATE script action. FALSE – GETARCHARR_TO_CNT script action.			

### ACTIONs - the actions in ESL script

Each action of ESL script is je characterized as stated on the picture below:

ESL Diagnostic Pack - Instance												
E.CallServerWithQueue - 11062	List V ORDER BY Line											
ACTIONs [9]	Line Action	Counter	Counter passive	Duration	DurationPassive	maxDuration	maxDurationPassive	actionInfo				
	E 🍸 Enter t	7 E 7	Enter text 🍸	Enter t Y	Enter tex 🍸	Enter 🍸	Enter text here	Enter text here				
Dbs [ 0]	10 BEGIN	1	1	0	0	0	0					
DbTrans [ 1]	11 VAR	1	0	0.000 005	0	0.000 005	0	_i;dataSize= 56				
	12 VAR	1	0	0.000 001	0	0.000 001	0	_rec;dataSize= 27348				
	14 DO_LOOP	1	0	0.000 027	0	0.000 027	0					
	15 REDIM	10	0	0.001 035	0	0.000 159	0	2; 4; 6; 8; 10; 12; 14; 16; 18; 20;				
	16 DELAY	10	10	0	5.008 116	0	0.501 495					
	17 CALL	10	11	0	9.885 381	0	1.874 261					
	18 END_LOOP	9	0	0.000 165	0	0.000 038	0					
	20 END	0	0	0	0	0	0					

Script E.CallServerWithQueue:

9		
10	BEGIN	
11	INT _i	
12	RECORD (SDSystem_Proces) _rec	
13		
14	FOR _i = 1 TO 10 DO_LOOP	
15	REDIM _rec[2*_i]	
16	DELAY 500[ms]	
17	CALL [E.ServerWithQueue] Message ON SELF.	CVH
18	END_LOOP	
19		
20	END	
21		

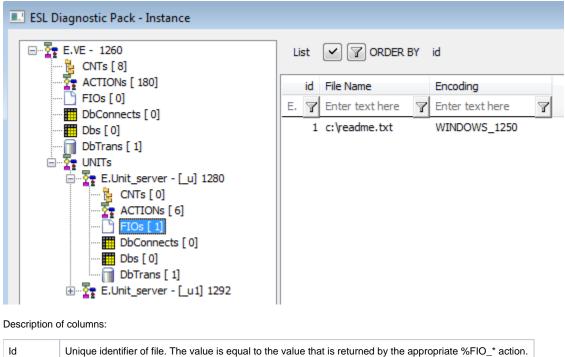
Script E. ServerWithQueue:

8	
9	RPC PROCEDURE Message
10	DELAY 1[s]
11	END Message

Line	Line on which the action occurs.
Action	Identification of action type.
Counter	Number of usage of action (it may be reset by the option Reset counters).
Counter passive	Number of passive wait states. This value increases by 1 after each passive waiting on the action to carry out the activity which caused. The counter can be higher than Counter. In the example above, the DELAY and RPC CALL SYNC action cause it (to reset it, use the option <i>Reset counters</i> ).
Duration	Total duration of the active execution (it may be reset by the option Reset counters).
Duration Passive	Total duration of the passive waiting for execution of required activity (it may be reset by the option Reset counters).
maxDur ation	Maximum duration of the active execution (it may be reset by the option Reset counters).
maxDur ationPa ssive	Maximum duration of the passive waiting for execution of required activity (it may be reset by the option Reset counters).
actionInfo	<ul> <li>Variable information which depends on type of action. Only two actions give the information:</li> <li>REDIM - displays the required size for 10 latest executions.</li> <li>VAR - declaration of the local variable. It displays the name of local variable and the current size of necessary memory (in case of recursion and the local variable it is the memory consumption for all its instances).</li> </ul>

#### FIOs - opened files

After double-clicking on the file, the line of its creation appears.



Id	Unique identifier of file. The value is equal to the value that is returned by the appropriate %FIO_* action.
File Name	Name of file.
Encoding	File encoding.

# DbConnects - database connections that were created by DB\_CONNECT, PG\_CONNECT and SQL\_CONNECT

DAfter double-clicking on the file, the line of its creation appears.

ESL Diagnostic Pack - Instance											
E.DBC - 11614	List 🗹 🍞 ORDER BY handle										
ACTIONs [ 54]	handle parentDB_TRANS	connectString	outDataSize nr	out in	DataSize	nr in	connectType	dbObject	structTypId	bSqlPrepared	sqlPrepareStmt
FIOs [ 0] BDConnects [ 7]	E 🝸 Enter text here	P Enter tex P	Enter 🍸 E.	. 7 E	int 💡 I	E 7	Enter t 🍸	Enter text here	Enter 🝸	Enter t 🦷	Enter te 9
	1005 DEFAULT		0	0	0	0	PG_CONN	DB.ObjList	SD.ObjList	FALSE	
DbTrans [ 2]	1 006 DEFAULT		184	1	1 304	1	DB_CONN	DB.ObjList	SD.ObjList	FALSE	
	1 008 DEFAULT		0	0	0	0	SQL_CON	DB.ObjList	(0)	TRUE	SELECT NAM
	1011 head32_appl.SysCfg; id = 1010		0	0	0	0	PG_CONN	DB.ObjList	SD.ObjList	FALSE	
	1012 head32_appl.SysCfg; id = 1010		0	0	0	0	DB_CONN	DB.ObjList	SD.ObjList	FALSE	
	1013 head32_appl.SysCfg; id = 1010		0	0	0	0	SQL_CON	DB.ObjList	(0)	TRUE	SELECT NAM
	1015 DEFAULT		12 093	3	11 860	1	DB_CONN	#ObjNotFound#( 302)	SD.TSTT	FALSE	

Handle	Unique identifier of connection. The value is equal to a value that returns the appropriate action.				
parentDB_TRA NS	DEFAULT = if the connection to a database is created by so-called Automatic connection, or name of object of <i>Database</i> type that was used to establish the database transaction by DB_TRANS_OPEN.				
connectString	The value that is valid when establishing connection by SQL_CONNECT with connectStringom.				
outDataSize, inDataSize	0				
nr out, nr in	Number of output or input operations.				

connectType	Depending on the method of establishing the connection, it is the value PG_CONNECT, DB_CONNECT or SQL_CONNECT.				
dbObject	Name of object of <i>Table</i> type, which was used when establishing the connection (if only HOBJ of object is available, the following message appears: #ObjNotFound#(302), but HOBJ=302).				
structTypId	Name of structure definition assigned to the appropriate object of Table type.				
bSqlPrepared	Flag that indicates whether SQL_PREPARE is active on the given connection.				
sqlPrepareStmt	Form of SQL command.				

#### Dbs - database objects that was read by script or recorded data

This view summarizes quantity of transferred data with regard to the objects of Table type regardless of way or connection on which the transfer occurred.

ESL Diagnostic Pack - Instance						
E.DBC - 11614	List 🖌 🏹 ORDER BY	Table				
ACTIONs [ 54]	Table	outDataSize	nr out	inDataSize	nr in	
FIOs [ 0] 	Enter text here	Enter 🝸	Enter t 🍸	Enter text here 🏾 🍸	Ente 🍸	
Dbs [ 2]	#ObjNotFound#( 302)	24 186	6	23 720	2	
DbTrans [ 2]	DB.ObjList	184	1	1 304	1	

Description of columns:

Table	Name of object of <i>Table</i> type (if only HOBJ is available, the following message appears: #ObjNotFound#(302), but HOBJ=302).
outDataSize, inDataSize	The amount of data that were sent or received.
nr out, nr in	Number of output or input operations.

#### DbTrans - database transactions opened by DB\_TRANS\_OPEN

After double-clicking on the file, the line of its creation appears.

ESL Diagnostic Pack - Instance									
E.DBC - 11614	List 🖌 🏹	ORDER BY handle							
ACTIONS [54]	handle	dbObject		subConnects	sNr	outDataSize	nr out	inDataSize	nr in
FIOs [ 0]	Enter t 🍸	Enter text here	7	Enter te	Y	Enter 🍸	E 🍸	Ent	EY
Dbs [ 2]	DEFALUT	(0)			4	12 277	4	13 164	2
DbTrans [ 2]	1 0 10	head32_appl.SysCfg			3	12 093	3	11 860	1

Handle	Unique identifier of connection. The value is equal to a value that returns the appropriate action DB_TRANS_OPEN.
dbObject	Name of object of Database type, for which the transaction was opened.
subConnectsNr	Number of connections of type DB_CONNECT, PG_CONNECT, SQL_CONNECT established within the transaction.
outDataSize, inDataSize	The amount of data that were sent or received within connection.
nr out, nr in	Number of output or input operations.

#### **UNITs - instances of Units**

In the list of instances of UNIT events you may see similar information as in the list of event instance.

