Oracle® Hospitality Hotel Property Interface Monitoring / Log Browser User Guide





Oracle Hospitality Hotel Property Interface Monitoring / Log Browser User Guide Release 8.16.0.0

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# Preface

### Audience

This document is intended for system administrators, support and users familiar with the Hotel Property Interface application IFC8.

#### **Customer Support**

To contact Oracle Customer Support, access Customer Support Portal at the following URL:

#### https://iccp.custhelp.com

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take
- Full contact details including email address

#### Documentation

Oracle Hospitality product documentation is available on the Oracle Help Center at

http://docs.oracle.com/en/industries/hospitality/

#### **Table 1 Revision History**

Date	Description
May 2024	Initial Publication

# 1 General

# **General Information**

IFC8.Net/Monitoring & Log Browser is part of the Hotel Property Interface (IFC8) as of Version 8.15.0.0 and subsequent versions.

IFC8 is used as the primary Property Interface application with Oracle Suite8 PMS and with Oracle OPERA PMS (on-Premises & Cloud).

IFC8 is intended to be installed at the customer site for communication to certain external systems that are utilized by the site.

Please also refer to documentation on Oracle Help Center at https://docs.oracle.com/en/industries/hospitality/

# Usage

The Ifc8.Net Monitoring module enables the user to view the current and stored communication and internal messages & errors of the Ifc8.Net application / Service.

The Ifc8.Net Log Browser program enables the user to load IFC8.Net log files without using the Ifc Application.

# 2 IFC Application Monitoring

IFC8.NET has an integrated monitoring option where you can set the data to display in the application screen and to store in IFC8 log files.

IFC8.NET will by default only log basic data but no communication data.

There will be several log level, which can be set in the lfc8 Configuration form in MAIN – MON – MonDetail:

File - Options -			
Config structure	Attributes		Selected attribute
E IFC2 Net → MAIN → GlobalDbsConnect0 → GlobalDbsConnect1 → GlobalD	Name LogFie Type MonDetal LogFiel LogFieName	Value XML AnonymLvI2 2000000 .∖⊲IFC1_FktLogo>_Log.XML	Name           MonDetail           Current value           AnonymLvl2           New value           # DbActonse/ExtCommData (int/CommData masked)           "DebugLvl4" = logging all data           "DebugLvl4" = logding all data           "DebugLvl4" = out of DbActons /Level4 data           "DebugLvl4" = out of DbActons/Level4 data           "DebugLvl4" = out of DbActons/Level4 data           "DebugLvl2" = out of DbActons/Level4/ExCommData (int/ "AnonymLv1" = out of DbActons/Level4/ExCommData           "DebugLvl2" = out of DbActons/Level4 data           "DebugLvl1" = out of DbActons/Level4 data           "DebugLvl1" = out of DbActons/Level4 data           "DebugLvl1" = out of DbActons/Level4 data           "DebugLvl2" = out of DbActons/Level4 data           "DebugLvl1" = out of DbActons/Level4 data           "DebugLvl1" = out of DbActons/Level4 data           "DebugLvl1" = out of DbActons/Level4 data           "AnonymLv1" = out of DbActons/Leve

## MonDetail level and values

Following available Monitoring Detail and Log file level:

#### Table 4 MonDetail

MonDetail value	Description	Notes
AnonymLvl1	No DbActions, No Level4 data, No Vendor Communication data	
AnonymLvl2	No DbActions, No Vendor Communication data	<b>DEFAULT</b> when creating new Config.xml via IfcApplication
DebugLvl1	No DbActions, No Level4 data	
DebugLvl2	No Level data	
DebugLvl3	No DbAction data	Recommended Debug Level
DebugLvl4	Log all data incl DbAction data	

### **Communication Data**

The messages which will be sent/received to/from the vendor system & to/from the PMS system (OPERA: IfcController)

The messages in XML format IFC8 will internally create and transmit between the IFC and PMS Object(s).

### Level4 Data

IFC8 logging of internal processes

### **DbActions**

Suite8 ONLY data.

Internal SQL statements between IFC8 and the Fidelio Suite8 dll files or database queries for support purposes. Inactive by default

### Auto Reset MonDetail Debug level

When the MonDetail value is set in IFC to another value than AnonymLvl1 or AnonymLvl2 Ifc8 will force to reset the MonDetail level back to the default value (AnonymLvl2) with next shutdown/restart of the Ifc8 instance after 24 hours.

This is to ensure that debug log level will not remain active all the time after it is set.

After shutdown and restart of the IFC8 instance IFC will start up with configuration window.

11 (IFC8 V8.15		OS Simphony -	Oracle							-		×
Start/Stop - Option	s - About											
Ici Pms 1	Z Main   MessLvl3 ∨ [] →		-> 🗹 <	DbAction Sty	e Debug 🗸 🗹 M	IonitorRefresh 🗹 🗄	mottom		M	TPOS,	_SPH_Lo	og.XML
TimeStamp	1	Ifc FAS = TCP-5	011LOCAL			SERV[11] =		Pms1 baDbsConnect 0/Fe End Comm: Of		1		^
						Custaresyncen "DataresyncEndS	a Dates	TANGON TING				
108.30.08:04:17	. [					v13>[Parser_SER			[7] DataRes	yncTh:	read	
108.30.08:04:17	-[1:1] @GI(DA190830)TI	0804151A0Gr	egersen, J	onas		2011						
	Herr AlGregersen, Jona Herr G#9355 RN988 GFJo Herr GSN GTHerr SF ♥	8 Configure	ation Item			, D	×					
108.30.08:04:17	[ ⇒[2 1] <roomequipment GuestNum="9355" RoomNu</roomequipment 	Item-Path	/IFC9/MAII	N/MON								
108,30,08:04:17	-[2 1] .RE(CSO(DNN)G#9	tem-Name	MonDetail									
108.30.08:04:17	[⇒[1 1] <dataresyncend xmlns="DataresyncEndSc</dataresyncend 	Item-Value	AnonymLvi	8			~					
108.30.08:04:17	-[1 1] OE(DA190830)TI	Description		r & LogFile details → s				-				
108.30.13:57:49	[⇒[1 1] <linkend a="" date="&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;12" dbaction<br="" of="" out="">11" a out of DbAction</linkend>		ata									
	-[111] OLEIDA1908301TI											
108.30.13:57:52	<pre><messlvl3>{CommTcpServ TcpListener closed</messlvl3></pre>	Error Descr.	MonDetal s	hould be reset from "	DebugLvl4" → "Anor	nymLvl2"/"AnonymLvl	Sec. 21					
108.30.13:57:52	<pre><messlvl3>[CommTcpServ TCP_Serv_ClientReceive</messlvl3></pre>						× .					
108.30.13:57:52	<pre><messlvl3>[CommTcpServ l27.0.0.1:61214 will b</messlvl3></pre>	Use 'Retry' to	retry with sele	ected value / use def cted value / show me								
108.30.13:57:52	<pre><messlv13>[CommTcpServ TCP_Serv_ClientReceive</messlv13></pre>	Use 'Cancel'1	to abort progra	m								
108.30.13:57:52	<messlv13>[CommMain.Ch</messlv13>			Cancel	Retry	Ignore						
	<pre><messlvl3>[ParserMain.</messlvl3></pre>			Setting								
	<pre><messlv13>[ProtocolMail</messlv13></pre>	********					1					
108.30.13:57:52					⇒1111	<linkend date<="" td=""><td>-"19083</td><td>" Time="1357!</td><td>52" /&gt;</td><td></td><td></td><td>_</td></linkend>	-"19083	" Time="1357!	52" />			_

Reason for the window being opened is described in Error Descr.:

MonDetail should be reset from "DebugLvI4"  $\rightarrow$  "AnonymLvI2"/"AnonymLvI1"

User can now change MonDetail back to Default (IFC would do itself) or chose another MonDetail level. (E.g. in case further debug logging is required).

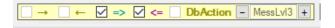
Confirming the suggested settings with Ignore will change the MonDetail status to the default value AnonymLvl2.

nfig structure	Attributes	
· IFC9	Name	Value
PMS1	LogFileType	XML
- MAIN	MonDetail	AnonymLvl2
GlobalDbsConnect0	LogLength	2000000
···· SimAttrDef	LogFileName	.\ <ifc1_fktlogo>_Log.XML</ifc1_fktlogo>



due to this change in Config.xml it is required to Save the configuration afterwards by entering the Config Editor and press the SAVE button.

Monitor filter bar does now only allow to set display the internal data

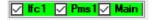


## **Monitoring Bar**

Option bar to change display the communication details within the IFC monitoring.

 ✓ Ifc1
 ✓ Pms1
 Main
 →
 ←
 ✓ =>
 ✓ <=</td>
 DbAction
 MessLvl3
 +
 □
 Debug Style
 ✓ MonitorRefresh
 ✓ Bottom
 FIAS\_Log XML

### Display Objects bar



Here you can define which Objects you want to display within the application.

Options

- Show Ifcx object monitoring showing all communication between vendor and IFC application
- Show Pmsx object monitoring showing all communication between PMS and IFC application
- Show Main object monitoring showing internal messages of IFC application

The respective objects displayed will be colored with red, yellow or green based on the current Link status with the connecting system.



The colour of the Main object will indicate IfcControl connection status and will be shown only yellow and green status. When IfcControl connection is not initiated, then no colour will be displayed.

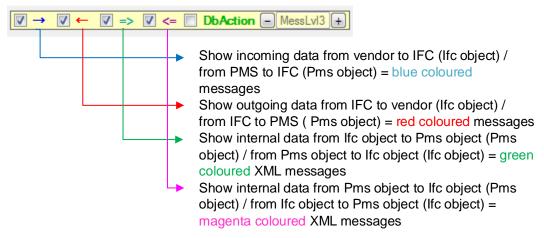
✓ Ifc1 ✓ Pms1 ✓ Main

	Main + + + + + + + + + + + + + + + + + + +	- measure ( ) interesting of the constrained of the	Hom FIAS_Log XML
TimeStamp	Ifel FAS = TCP-SO11LOCAL Link:Alive Comm:Sync	Pms1 SERV[11] ⇔ DBS-GlobaDbsConnect@FoCommPort-5511 Link:Alive Comm:Sync	Main HcControl => TCP-500010CAL Link : Alive Comm : Sync
		license "PARTIAL_CAS" done	
100.20.11:52:261		<pre><messlvl3>(CommDbs.CheckLic/21) Feature license "FULL_CAS" done</messlvl3></pre>	
(08.28.11:52:26)		=[111] <linkalive <br="" date="190828">Time="115226" /&gt;</linkalive>	
108.28.11:52:261		<pre><messlv13>[IfcObject.ChangeLinkState/21] Start-Alive</messlv13></pre>	
108.28.11:52:261	<pre><messlvl3>[IfcObject.ChangeLinkState/21] Start=Alive</messlvl3></pre>		
108.28.11:52:261	=[1/1] <linkalive <br="" date="190828"> Timc="115226" /&gt;</linkalive>		
100.20.11:52:261		<pre><messlv13> [CommTcpServMulti.Init_Specific/21] (10.165.120.228:5511) = done</messlv13></pre>	
[08.28.11:52:39]			<pre><messlv13> (IfcMain.moStateTimer_Elapsed/16) Garbage collection done (memory usage 141-140MB)</messlv13></pre>
108.28.11:52:581			<messlv13>[TopFoWsConnect.Init/14] - done</messlv13>
108.28.11:52:581			<pre><messlv13> [CommMainServ.OnChangeCommState/14] (127.0.0.1:63177) Off-Sync</messlv13></pre>
100.20.11:53:411			<pre><hesslv13> [IfcMain.moStateTimer_Elapsed/15] Garbage collection done (memory usage 147-147MB)</hesslv13></pre>
108.28.11:54:431			<pre><kesslvl3> [IfcMain.moStateTimer_Elapsed/16] Garbage collection done (memory usege 144-144MB)</kesslvl3></pre>

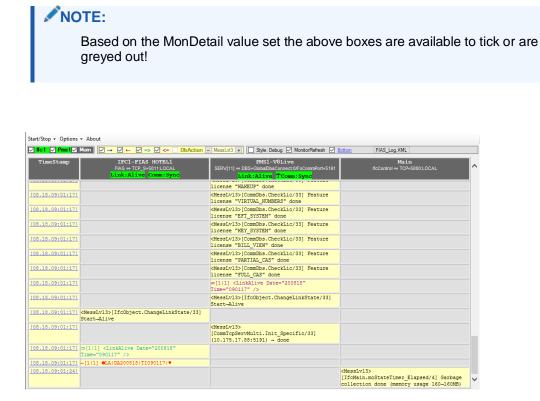
If Main object is unticked, Main object messages will not be displayed.

/ Ifc1 / Pms1 Main	← 🖉 => 🗹 <=   DbAction - MessLvl3 +	Debug Style MontorRefresh Bottom FIAS_Log.XML
TimeStamp	Ifel FAS + TCP-5011LOCAL Link: Alive Comm: Sync	Pms1 SERV[11] ← DBS-RoteLibeConnet.0#GCommPort=5511 LLink x 31 (vp. Comm 5 ymc)
108.28.11:52:261		<pre><kesslv12>[Parser_SERV.CheckSchemaToCmd/21] NightauditEnd_0 / Active=True</kesslv12></pre>
108.28.11:52:261		<messlv13>[CommDbs.CheckLic/21] FktLogo license "FIAS" done</messlv13>
108.28.11:52:261		<pre>chessLvl3s[CommEbs.CheckLic/21] Feature license "SIMPLE_POSTING" done</pre>
108.28.11:52:261		<pre><messlv13>[CommEbs.CheckLic/21] Feature license "CHECK_IN_OUT" done</messlv13></pre>
108.28.11:52:261		<pre></pre>
[08.28.11:52:26]		<pre>cHeasLv13&gt;[CommDbs.CheckLic/21] Feature license "VOICEMAIL" done</pre>
[08.28.11:52:26]		<pre>KMessLv13&gt;(CommEbs.CheckLic/21) Feature license "WAKEUP" done</pre>

### Communication data bar



Internal status messages and error messages = black coloured (no option to not display)



### **DbAction tickbox**

Enables display of Database related messages in Pms object. Available to set only when PMS object has **SERV** Parser active

DbAction

For Suite8 PMS connection only.

### MessLvI box

Used to define Message level (log level) for internal messages.

MessLvl4 🗸

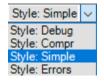
Lowest Level = 1 - Highest Level = 4Default = 3

Monitoring format bar

Style: Simple 🗸 🗌 MonitorRefresh 🗹 Bottom

### **Monitoring Style LOV**

LOV (List of Values) which enables change of monitoring display style.



4 different styles are available:

- Simple Style
- Compressed Style
- Debug Style
- Errors

#### Simple Style (drop Down)

Enables displaying only basic action types without detailed messages within the IFC instance.

art/Stop - Options	+ About		
<mark>lfc1 ∨ Pms1</mark>	Main Me	ssLv1 ∨ _ → _ ← ∨ => ∨ <= _ DbAction Style: Simple ∨ _ MonitorRefresh ∨ Bottom FIAS_Log	.XM
TimeStamp	ObjName		
01.18/16:31:15			
01.18/16:31:15]			
01.18/16:32:57]	ShutDown		
01.18/16:32:57]		StartUp	
01.18/16:32:59]	Pms1	⇒[1 0] LinkEnd	
01.18/16:32:59]	Pms1	=[1 1] LinkEnd	
01.18/16:33:26]	Pms1	⇒[1 1] Schema: "DataResyncSchema_I"	
01.18/16:33:26]	Pms1	⇒[1 1] Schema: "DataresyncStartSchema_0"	
01.18/16:33:26]	Pms1	⇒[1 1] Schema: "DataresyncEndSchema_0"	
01.18/16:33:26]	Pms1	⇒[1 1] Schema: "GuestdataChangeSchema_0"	
01.18/16:33:26]	Pms1	⇒[1 1] Schema: "GuestInSchema_0"	
01.18/16:33:26]	Pms1	⇒[1 1] Schema: "GuestOutSchema_O"	
01.18/16:33:26]	Pms1	⇒[1 1] Schema: "PostAnswerSchema_0"	
01.18/16:33:26]	Pms1	⇒[1 1] Schema: "PostSimpleSchema_I"	
01.18/16:33:26]	Pms1	⇒[1 1] Schema: "RoomEquipmentSchema 0"	
01.18/16:33:26]	Pms1	⇒[1 1] Schema: "WakeupResultSchema_I"	=
01.18/16:33:26]	Pms1	⇒[1 1] Schema: "WakeupClearSchema 0"	
01.18/16:33:26]	Pms1	⇒[1 1] Schema: "WakeupClearSchema I"	-
01.18/16:33:26]		⇒[1 1] Schema: "WakeupSetSchema O"	-

When selected, the style will change to a simple view where the user gets the basic information on what action was made within the PMS object of the IFC instance. No detailed information of the messages and action will be shown.

### Columns:

TimeStamp:	Showing Date and Time of the Message
ObjName:	Showing the Object Name (Ifc, Pms,Main)

LogData: Showing the action type and referring attribute as received in PMS object.

All other messages and attributes from other Objects are not displayed.

### Compr. Style

Enables displaying monitoring messages in compressed style

🗸 lfc1 🔽 Pms1 🗸	Main Mes	ssLvl4 ∨ 🗹 → 🗸 ← 🗹 => 🗸 <= 🗹 DbAction Style: Compr ∨ 🗋 MonitorRefresh 🖉 Bottom FIAS_Log.XI
TimeStamp	ObjName	LogData
[01.18/16:51:06]	Main	<pre><messlvl4>[IfcMain.moStateTimer_Elapsed/19] Starting garbage collection</messlvl4></pre>
[01.18/16:51:06]	Main	<pre><messlvl3>[IfcMain.moStateTimer_Elapsed/19] Garbage collection done (memory usage 149-149MB)</messlvl3></pre>
<u>[01.18/16:52:04]</u>		<messlv14>[PeriodicEvents] -ProtocolMain_ProcessRead_Ifc1(24/min.)</messlv14>
[01.18/16:52:04]		<messlv14>[PeriodicEvents] -ProtocolMain_ProcessRead_Pms1(24/min.)</messlv14>
[01.18/16:52:08]	Main	<messlv14>[IfcMain.moStateTimer_Elapsed/19] Starting garbage collection</messlv14>
[01.18/16:52:08]	Main	<pre><messlvl3>[IfcMain.moStateTimer_Elapsed/19] Garbage collection done (memory usage 149-149MB)</messlvl3></pre>
[01.18/16:53:04]		<pre><messlv14>[PeriodicEvents] -ProtocolMain_ProcessRead_Ifc1(24/min.)</messlv14></pre>
[01.18/16:53:04]		<pre><messlv14>[PeriodicEvents] -ProtocolMain_ProcessRead_Pms1(24/min.)</messlv14></pre>
[01.18/16:53:09]	Main	<messlv14>[IfcMain.moStateTimer_Elapsed/8] Starting garbage collection</messlv14>
[01.18/16:53:09]	Main	<pre><messlvl3>[IfcMain.moStateTimer_Elapsed/8] Garbage collection done (memory usage 157-157MB)</messlvl3></pre>
[01.18/16:54:04]		<pre><messlv14>[PeriodicEvents] -ProtocolMain_ProcessRead_Ifc1(24/min.)</messlv14></pre>
[01.18/16:54:04]		<messlv14>[PeriodicEvents] -ProtocolMain_ProcessRead_Fms1(24/min.)</messlv14>
[01.18/16:54:11]	Main	<pre><messlvl4>[IfcMain.moStateTimer_Elapsed/16] Starting garbage collection</messlvl4></pre>
[01.18/16:54:11]	Main	<pre><messlvl3>[IfcMain.moStateTimer_Elapsed/16] Garbage collection done (memory usage 149149MB)</messlvl3></pre>
[01.18/16:55:05]	Ifc1	<messlv14>[PeriodicEvents]</messlv14>

When selected, the style will change to see all messages ordered by time stamp.

Columns:

TimeStamp:	Showing Date and Time of the Message
ObjName:	Showing the Object Name (Ifc, Pms,Main)
LogData:	Showing the messages/Data of the related object

### **Debug Style**

Enables displaying IFC objects as columns.

$ \hline \text{Ifc1} \hline \text{Pms1} \hline \text{Main} \ \hline \rightarrow \ \hline \leftarrow \ \forall \Rightarrow \hline \forall <= \ \hline $	DbAction - MessLvl3 + Debug Style 🗸 I	MonitorRefresh <u>Bottom</u> FIAS_Log.XML
TimeStamp         Ifc1           FAS ⇔ TCP+5011:LOCAL         FAS ⇒ TCP+5011:LOCAL           Link:Alive         Comm:Sync	Pms1 SERV[11]⇔ DBS=GlobalDbsConnect0/FoCommPort=5511 Link:ALive Comm:Sync	Main ⊮cControl⇔TCP=5000:LOCAL <mark>Link:Alive Comm:Sync</mark>
		[IfcMain.moStateTimer_Elapsed/16] Garbage collection done (memory usage 169-169MB)
108.28.12:34:041		<pre><messlvl3> [IfcMain.moStateTimer_Elapsed/16] Garbage collection done (memory usage 170-170MB)</messlvl3></pre>
108.28.12:35:061		<pre><messlvl3> [IfcMain.moStateTimer_Elapsed/16] Garbage collection done (memory usage 175-170MB)</messlvl3></pre>
[08.28.12:36:08]		<pre><messlvl3> [IfcMain.moStateTimer_Elapsed/16] Garbage collection done (memory usage 168-168MB)</messlvl3></pre>
108.28.12:37:111		<pre><messlv13> [IfcMain.moStateTimer_Elapsed/15] Garbage collection done (memory usage 171-171MB)</messlv13></pre>

When selected, the style will change to display all Objects within columns.

Columns:

TimeStamp:	Showing Date and Time of the Message
ObjName:	Showing the messages sent/received as per Ifc or PMS object
Main:	Showing the message within Main object

**Errors Style** 

Enables displaying Errors and Start Stop Actions ONLY.

<mark>✓ lfc1 ✓ Pms1</mark> ✓	Main Erro	orOnly ∨ _ → _ ← _ => _ <= _ DbAction Style: Errors ∨ _ MonitorRefresh ☑ Bottom FIAS_Log.X	ML
TimeStamp	ObjName	LogData	
[01.18/16:10:52]	StartUp	StartUp	
[01.18/16:12:19]	ShutDown	ShutDown	
[01.18/16:14:19]	StartUp	StartUp	
[01.18/16:16:54]	ShutDown	ShutDown	
[01.18/16:16:54]	StartUp	StartUp	
[01.18/16:20:11]	ShutDown	ShutDown	
[01.18/16:20:11]	StartUp	StartUp	
<u>[01.18/16:20:25]</u>	ShutDown	ShutDown	
[01.18/16:20:25]	StartUp	StartUp	
[01.18/16:21:19]	ShutDown	ShutDown	
<u>[01.18/16:21:19]</u>	StartUp	StartUp	
<u>[01.18/16:30:31]</u>	ShutDown	ShutDown	
[01.18/16:30:31]	StartUp	StartUp	
[01.18/16:31:15]	ShutDown	ShutDown	
[01.18/16:31:15]	StartUp	StartUp	
[01.18/16:31:48]	Main	<warning>[frmIfcApplication.ConfigAuth/1]</warning>	
		-Description: Unsuccessful login - IfcAppl User="kareynol" Status:IC	
<u>[01.18/16:32:57]</u>	ShutDown	ShutDown	$\sim$
<u>[01.18/16:32:57]</u>	StartUp	StartUp	

**Monitor Refresh check box** 

Enables to show/update the current data flow as it is received (ticked).

Allowing the user to scroll through monitoring screen without constant updating of the User Interface (unticked).

Bottom check box

Enables to get to the Bottom of the Monitor screen when MonitorRefresh is unticked. When Bottom is unticked, the Cursor will go to the top of the Monitor screen when MonitorRefresh will be unticked.

To tick or untick the Bottom tick box MonitorRefresh must be unticked.

### Saving Monitoring Filter Settings

In order to save the Monitoring filter settings to use with next IFC8 instance start

Right-click the Log file name button in the Monitoring bar:

tyle: Errors 🗸 🗌 MonitorRefresh 🗹 <u>Bottom</u>	FIAS_Log.XML
---	--------------

The Save as window opens.

🗦 🗹 🚹 > Т	his PC > System (C:) > FIDELIO > Ifc8.N	et > FKT > 1V8Live > 11F	IASMSC	✓ Ö Search 11	FIASMSC	P
nize 👻 New fold	ler					(
📙 11FIASI ^	Name	Date modified	Туре	Size		
1	1	24.06.2020 11:32	File folder			
15CTG	FIAS_Log.XML	27.08.2020 08:41	XML Document	1 KB		
17DTW	FIASMSC11(lfc8).Xml	09.04.2019 09:02	XML Document	4 KB		
18XML	FIASMSC11.SimExport.xml	15.11.2019 08:25	XML Document	1 KB		
19CAX	FIASMSC11.Xml	07.09.2020 14:06	XML Document	26 KB		
20M87	FIASMSC11_TCPSSLxml	03.04.2020 13:57	XML Document	28 KB		
210PI	FIASMSC11-2PMS.Xml	16.04.2019 16:35	XML Document	6 KB		
23CC9						
24SIMX						
25HT24						
25ILU						
25SL6						
File name: FIAS	_Log.XML					
Save as type: Xml						

The current Main log file is marked already.

Click Save to save the filter settings in the Main log file.

# **Disable Monitoring**

Within IFC Application under Options / "Show Monitoring" the Main monitoring screen can be disabled.

When unticked, the IFC Application will only display basic data. All communication will be logged anyway based on the set Monitor level and can be called through opening the log file with LogBrowser or by enabling the "Show Monitoring" option again.

Sample:

8 [IFC8	IFC8 V8.15 → FIAS - Oracle Property Interface based on FIAS						
Start/Stop	Start/Stop + Options + About						
Object	FKT_LOGO	Link State	CommState	CommLayer	Port	Param	Name
lfc1	FIAS	CommOff	Asyn	ТСР	5001	LOCAL	FIAS - Oracle Property Interface based on FIAS
Pms1	OPERA	Start	Sync	TCP	5501	LOCAL	OPERA - OPERA PMS
Log: C:\	Log: C/Fidelio\lfc8.Net\lfcApplication\Tmp\FIAS_Log.XML Cfg: C:\Fidelio\lfc8.Net\lfcApplication\Tmp\lfc8NetConfig.Xml 18 Jan 2022 16:05.30						

#### Columns:

#### **Table 5 IFC8 Basic details**

Column	Description	Notes
Object	IFC application object (Ifc,Pms)	
FKT_LOGO	Parser setup	
LinkState	Overall vendor initialization status	Alive, CommOff, Start, StartReq
CommState	Communication status	Sync, Asyn, Off
CommLayer	Connection type	TCP/IP, HTTP, Serial (Com), DBS

Column	Description	Notes
Port	Communication port defined	TCP/IP, HTTP, Serial (Com) port
Param	IP address, or Rs232 settings	LOCAL for Address of local PC
Name	Interface Name	Based on FKT_LOGO value and program Caption settings



# 3 Adding Comments to monitoring items

### General

It is possible to add comments to specific monitoring items.

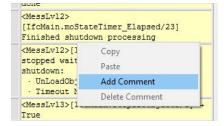
The intention is to give some more details/explanations to optional set bookmarks or error messages in the log file – to send to support.

[04.01.10:37:07]	-[1 1] OLR RIPA FLRNCTASDATIP# ♥
[04.01.10:37:07]	-(1 1] OLR RIWR FLRNDATI ♥
	Comment: You can now enter a comment! Right-click in the desired field and choose Add Comment
[04.01.10:37:071	-1111 @T.RIRTWCIFT.RNDATTIV

# Adding a comment

To add a comment the "MonitorRefresh" tag must be unticked.

Right-click on one of the yellow monitoring items of Ifc, Pms or Main objects. (not possible in Date&Time column or grey fields) and choose context option "Add Comment".



Enter the comment text into the blue field.

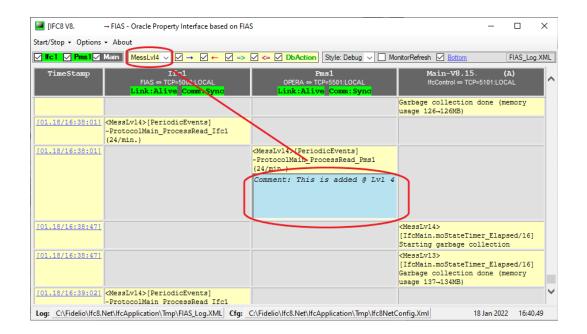
To save the comment to the log file right-click on the Button in the monitor header to save the [Fkt]\_log.xml file.

The comment itself will be stored in the main log xml file and will be read at startup.

### Finding a comment

To find a comment you can use Ctrl+F or right click in the Yellow Monitoring Items and search for the word Comment, alternatively of course you can search for the explicit text you are looking for within a comment.





## **Deleting a Comment**

To delete a comment the "MonitorRefresh" tag must be unticked.

Right-click on comment to delete and choose context option "Delete Comment".

[IfcMa	<pre>(MessLvl2&gt; [IfcMain.moStateTimer_Elapsed/15] Finished shutdown processing</pre>				
Comme	nt: to delete a co	mment			
rig	Сору	: field			
and	Paste	:".			
	Add Comment				
<mes< th=""><th>Delete Comment</th><th>[c/5]</th></mes<>	Delete Comment	[c/5]			
done		sonnecced			

# **Comments in History Log Files**

Comments can also be added to history log files (the log files with .evt file extension). Follow the above procedure to add and save comments.

8 Ifc8.Net LogFile B	rowser V8.15 (487 MonItems/0.04+	0.86sec.)		- 🗆 X
✓ Ifc1 ✓ Pms1 ✓	Pms2 ✓ Main MessLvl3 ∨ ✓ →	$\bigcirc \leftarrow \bigcirc \Rightarrow \bigcirc <= \bigcirc DbAction$	Style: Debug 🗸 🗌 MonitorRefresh 🗌	Bottom HT24_Log.XML(22_17.56.evt)
TimeStamp	Ifc1 HT24 ⇔ TCP_C=6669:192.168.91.167 Link:Alive Comm:Sync	Pms1 SERV[1]⇔ DBS=GlobaDbsConnect.0FoCommPort=55 01 Link:Alive Comm:Sync	Pms2 SERV[1] ⇔ DBS=GlobaDbsConnect.1/FoCommPort=55 11 Link:Alive Comm:Sync	Main-V8.14.?.?(?) IfcControl ⇔ TCP=5101:LOCAL
	AnswerStat="OK" KeyCoder="1" WSNum="WKS13" RoomNum="418" />			
[06.21/23:41:47]	<pre><messlv13> [IfcObject.ReceivedAction/58] KeyAnswer_I will be sent to PMS1 object(s)</messlv13></pre>			
[06.21/23:41:47]		⇒[1 1] <keyanswer <br="" pathid="1">AnswerStat="OK" KeyCoder="1" WSNum="WKS13" RoomNum="418" /&gt; Comment: WSNUM does not exist.</keyanswer>		
[06.21/23:42:14]				<messlv13> [IfcMain.moStateTimer_Elapsed /18] Garbage collection done (memory usage 55-55MB)</messlv13>

To save an added comment to the logfile, right-click the log file name button in the monitoring header of the application.

MonitorRefresh / [03.24.10:31:16] [FIAS\_Log\_XML(26\_09.16.evt)]

The **Save as** browser will open and mark the lfc main log file ( [*FKT*]\_log.xml ) Confirm the file choice with clicking the **Save** button.

Settings in the FIAS_Log.XML file have been changed. Save the current settings?				
$\leftarrow$ $\rightarrow$ $\checkmark$ $\uparrow$ $\blacksquare$ « FKT » V8Lo	al → 11FIASMSC ~ Õ			
Organize 👻 New folder			2	
11FIASMSC	^ Name	Date modified		
log	log	14.01.2021 10:06	F	
210PI	FIAS_Log.XML	07.04.2021 10:34	)	
CAX	FIASMSC11.Xml	07.04.2021 10:34	)	
XML_POS	v <		>	
File name: FIAS_Log.XML			$\sim$	
Save as type: Xml files (*.xml)			$\sim$	
∧ Hide Folders		Save Cancel		

Comments will be always saved and stored in the main log.xml, not in the history log file itself.

# 4 IFC8.NET IFC log files

IFC8.15.x log files will be created as .evt files using xml / xsl stylesheet.

The new monitoring and the use of these file formats allows to filter content as needed.

# Log File Types

Following Log files will be created during IFC8 runtime.

#### Table 2 Log file names

Log file Name	Description	Notes
[FKT]_Log.xsl	Log file XSL Stylesheet for use with Browser (Internet Explorer only)	Do not change or remove
[FKT]_Log.xml	<b>Main Log file</b> as per FKT Logo Contains Mon Display info (TCP Port, Log level set etc.)	Call this file with LogBrowser Does not contain Communication data
[FKT]_Log.evt	Contains current data	Loads when opening [FKT]_Log.xml
[FKT]_Log.bak	Contains current history data which can be displayed	Will be created out of [FKT]_log.evt when size limit reached
[FKT]_Log_DD_HH.MM.evt	History file	Created out of [FKT]_Log.bak when max size reached

Ifc8.Net log files will be stored in the same folder where the config.xml is located.

(	(Exam	ple)	):
		/	-

> FIDELIO > Ifc8.Net > FKT > 1V8Live > 11FIASMSC		ٽ ~	Search 11FIASMSC	
Name ^	Date modified	Туре	Size	
🛃 FIAS_Log.evt	18.08.2020 09:31	Classic Event Log	224 KB	
FIAS_Log.XML	14.08.2020 10:42	XML Document	1 KB	
😰 FIAS_Log.xsl	15.01.2020 14:01	XSL Stylesheet	74 KB	
🛃 FIAS_Log_01_16.50.evt	30.03.2020 13:27	Classic Event Log	1.501 KB	
🛃 FIAS_Log_02_09.15.evt	29.05.2020 08:37	Classic Event Log	374 KB	
FIAS_Log_03_11.26.evt	01.04.2020 16:50	Classic Event Log	485 KB	
🛃 FIAS_Log_04_08.58.evt	02.03.2020 10:48	Classic Event Log	78 KB	
🛃 FIAS_Log_04_09.04.evt	04.03.2020 08:58	Classic Event Log	471 KB	
🛃 FIAS_Log_04_13.13.evt	04.03.2020 09:04	Classic Event Log	1 KB	
🛃 FIAS_Log_04_13.15.evt	04.03.2020 13:13	Classic Event Log	1 KB	
🛃 FIAS_Log_04_13.17.evt	04.03.2020 13:15	Classic Event Log	1 KB	
🛃 FIAS_Log_04_13.25.evt	04.03.2020 13:17	Classic Event Log	1 KB	
🛃 FIAS_Log_04_13.26.evt	04.03.2020 13:25	Classic Event Log	1 KB	
🛃 FIAS_Log_05_07.59.evt	30.04.2020 08:53	Classic Event Log	35 KB	
🛃 FIAS_Log_07_08.54.evt	05.05.2020 07:59	Classic Event Log	168 KB	
FIAS_Log_08_07.28.evt	02.06.2020 09:15	Classic Event Log	453 KB	

# Log File Directory

The directory to store the log files can be changed in the Config Editor: MAIN node / LogFileName. Choose one of the available options.

Apply and Save the settings.

Config structure	Attributes		Selected attribute
Ang succese FCS	Name LogFieType MonDetal LogFieName	Value XML DebugLvI3 1000000 <ifc1_fktlogo>_Log XML</ifc1_fktlogo>	Name LogFieName Current value GFC1_RatLogo>_Log XML New value GFC1_RatLogo>_Log XML GFC1_RatLogo>_Log XML GFC1_RatLogo>_Log XML CofMS1_RatLogo>_Log XML CofMS1_RatLogo>_Log XML The logFien name definition: So for nonsable use possible. Default: "cFC1_RatLogo>_Log XML" Path The Coff and the C
			Standard, Initialize

IFC8 will reinitialize.

# Log File purge

The IFC8 log files will be available for 30 days. Then IFC8 will delete all history log files with file format ". **evt**" older than 30 days.

# Log File Size Calculation

The maximum. size of the IFC8 log files will be defined in the Configuration Editor

MAIN / MON / LogLength

Default size = 5242880 (5MB)

onlig structure	Atributes		Selected attribute
In Colombia In Colombia In Charles In C	None None Mucrie Mon-Deal Mon-Deal LogFieName	Volue XARL Ancomutul 2 SS2080 VHIRCT_RELoges_Log XML	Sector a structure Name Logifie Type Current value (ML Mer value) (ML Mer value) (ML M
			Type Standard. Initialize

#### **Sample calculation**

Logfile size is set to 2000000 (2MB)

ConfigXml Setup for M87POS_S	PH - Oracle MICROS Simphor	ny - Oracle	- 0	×
File • Options •				
Config structure	Attributes	Value	Selected attribute	
El: IPC21ME     Control Connect     Control Connect     Control Connect     Control Connect     Control Control     Control     Control     PRC1     PRC1	LogfleType     MonDetal     LogfleType     LogfleType     LogfleType     LogfleType	XXI. Aronymi, XI2 2007/512 XMIFCT_PAtLogo>_Log XXII.	Desciption	
			Path //IFCS/MAIN/MON Type	-
			Standard, Initialize	
			Cancel Apply Save Ok	

The related logs will be created after reaching the defined LogLength size.

#### Table 3 Log file size

Log file Name	Size	Notes
[FKT]_Log.xml	1kb	Does not contain communication data
[FKT]_Log.evt	Max = size of defined LogLength	
[FKT]_Log.bak	Max = size of defined LogLength	
[FKT]_Log_DD_HH.MM.evt	Size can vary	file is created out of .bak file when .bak max. file size reached new file will be created when Date changes

# Load Old Logfiles

It is possible to load old IFC8.Net log files saved as .evt files.

Loading log files is possible within IfcApplication or by calling the LogBrowser.exe from out the IFC folder:

### Load Log file within IfcApplication:

First you need to untick MonitorRefresh check box,



Click on the Log file name button in the bar you can choose .xml or. evt log file in the **Open file** option.

File name:		~	Open
Files of type:	MainLogXml files (*.xml)	~	Cancel
	MainLogXml files (* xml) EventLog files (*.evt)		

Change the Files of type option to "Event Log files (\*.evt)" to load old log files.

Look in	i: 📙 11FIASMSC	;	🖂 🥝 🤌 📴 🗸	
-	Name	^	Date modified	Туре
	🛃 FIAS_Lo	g.evt	18.08.2020 09:07	Classic
Quick access	🛃 FIAS_Lo	g_01_16.50.evt	30.03.2020 13:27	Classic
	FIAS_Lo	g_02_09.15.evt	29.05.2020 08:37	Classic
	FIAS_Lo	g_03_11.26.evt	01.04.2020 16:50	Classic
Desktop	FIAS_Lo	g_04_08.58.evt	02.03.2020 10:48	Classic
-	FIAS_Lo	g_04_09.04.evt	04.03.2020 08:58	Classic
	🛃 FIAS_Lo	g_04_13.13.evt	04.03.2020 09:04	Classic
Libraries	🛃 FIAS_Lo	g_04_13.15.evt	04.03.2020 13:13	Classic
	🛃 FIAS_Lo	g_04_13.17.evt	04.03.2020 13:15	Classic
	🛃 FIAS_Lo	g_04_13.25.evt	04.03.2020 13:17	Classic
This PC	FIAS_Lo	g_04_13.26.evt	04.03.2020 13:25	Classic ,
	<			>
<b>_</b>	File name:		~	Open
Network				
	Files of type:	EventLog files (*.evt)	~	Cancel

Mark the log file to open and click open.

Log file will be loaded. Based on the set log level data will be available

K Ifc8.Net LogFile Browser V8.15. (487 MonItems/0.03+0.70sec.)	- 🗆 X
✓ Ifc1       ✓ Pms1       ✓ Pms2       ✓ Main       MessLvl3       ✓ ✓ → ✓ ← ✓ ⇒> ✓ <= _ DbAction	Bottom HT24_Log.XML(22_17.56.evt)
TimeStamp         Ifol         Pmsl         Pms2           HT24 ⇔ TCP_C-66669:192.168.91.167         SERV[1] ⇒         DBS=GlobaDbsConnect:0FoCommPort=55         DBS=GlobaDbsConnect:0FoCommPort=55           01         Link:Alive         Comm: Sync         01         11           Link:Alive         Comm: Sync         Link:Alive         Comm: Sync         11	Main-V8.14.?.?(?) IfcControl ⇔ TCP=5101:LOCAL
106.21/23:52:411	<messlv13> [IfcMain.moStateTimer_Elapsed /18] Garbage collection done (memory usage 55-55MB)</messlv13>
<u>[06.21/23:53:441</u>	<messlv13> [IfcMain.moStateTimer_Elapsed /50] Garbage collection done (memory usage 55-55MB)</messlv13>
<u>106.21/23:54:461</u>	<messlv13> [IfcMain.moStateTimer_Elapsed /27] Garbage collection done (memory usage 55-55MB)</messlv13>
<u>[06.21/23:55:49]</u>	<messlv13> [IfcMain.moStateTimer_Elapsed /50] Garbage collection done (memory usage 55-55MB)</messlv13>
106.21/23:56:521	<messlv13> [IfcMain.moStateTimer_Elapsed /50] Garbage collection done (memory usage 55-55MB)</messlv13>
106.21/23:57:551	<messlv13> [IfcMain.moStateTimer_Elapsed /50] Garbage collection done (memory usage 55-55MB)</messlv13>
	<messlv13> [IfcMain.moStateTimer_Elapsed /27] Garbage collection done (memory usage 55-55MB)</messlv13>

Use the filter options from the Communication bar to display or suppress specific data

# Load Log file with Ifc8 LogBrowser

IFC8 **LogBrowser** application is an IFC8.NET program tool which allows to open existing Log files of IFC8.NET communication.

Start **LogBrowser** from any PC within a LAN considering available access to the folder where IFC8 log files reside (network access).

It cannot be used via WAN/Cloud access.

Use the Log browser to show online monitoring of IFC8 communication.

An IT Manager in a hotel can load the current log file on his PC for monitoring IFC being connected and communicating without need to directly access the IFC PC in his Hotel Network.

The IFC LogBrowser is available to install via the IFC8 installer.

After installation the following folder is available:

> FIDELIO > Ifc8.Net > IfcLogBrowser	
Name ^	
■ IfcLogBrowser.exe IfcLogBrowser.exe.config	

A shortcut is also available in the Windows program menu.

8	ORACLE Hospitality Property Int ^	
D	<b>E</b> Launch IfcControl.exe	
<b>N</b>	Launch IfcLogBrowser.exe	1
	Oracle Hospitality Suite8 Property 🗸	

#### Start LogBrowser:

Click on the IfcLogBrowser.exe to open an IFC8 log file.

The Open File form will open.

Open the Ifc8 Lo	g file			×
Look in:	11FIASMSC	~	G 🤌 📂 🛄 -	
Quick access Desktop Libraries	FIASMSC	.XML 11(lfc8).Xml 11.SimExport.xml	Date modified 24.06.2020 11:32 10.03.2020 14:19 14.08.2020 10:42 09.04.2019 09:02 15.11.2019 08:25 18.08.2020 09:03 03.04.2020 13:57 16.04.2019 16:35	Type File folder XML Doct XML Doct XML Doct XML Doct XML Doct XML Doct XML Doct
	<	>		
Network	File name: Files of type:	FIAS_Log.XML MainLogXml files (* xml) Open as read-only	~	Open Cancel

Go to related folder.

Choose the IFC8 main log file with name **[FKTLogo]\_log.xml** (example FIAS\_Log.xml) Click **Open**.

The file will open, and the Log Browser tool will show the current IFC8 Log file / Monitoring.

8 Ifc8.Net LogFile Bro	owser V8.15. (60 Monitem	s/0.03+0.26sec.)		- 🗆 X
∕ <mark> fc1</mark> ∕ Pms1 ⁄ F	Pms2 ✓ Main MessLvl3 ∨	Ø → Ø ← Ø ⇒ Ø <= □ Db/	Action Style: Debug 🗸 🗹 MonitorRefresh	Bottom HT24_Log.XM
TimeStamp	Ifc1 HT24⇔TCP_C=6669:192. Link:End Comm:Of	.167 E DBS=GkobaDbsConnectOrFoComn 01 Link:End Comm:Disl	Pms2 SERV[1] ⇒           Port=55         DBS=GlobalDbsConnect 1/FoCommPo           1         11 <b>bl</b> Link:End         Comm:Disbl	Main-V8.14.12.1(A) HcControl ⇔ TCP=5101:LOCAL rt≈55
08.30/14:44:031				<messlvl3> [IfcMain.StopIfcObjects/1] → True</messlvl3>
08.30/14:44:031				<pre><messlv13> [CommTcpServMulti.ListenForCl ientConnection/4] TcpListener closed</messlv13></pre>
08.30/14:44:031				<messlv13> [CommTcpServMulti.Close/1] → done</messlv13>
08.30/14:44:051				<messlv12> [IfcMain.StopMainObject/1] → True</messlv12>
08.30/14:44:051				<messlv13> [MonitoringHandler.StopMonito ring/1] MonitoringOutputLogBrowser - monitoring will be stopped</messlv13>
<u>[08.30/14:44:05]</u>				<messlv13> [MonitoringHandler.StopMonito ring/1] MonitoringOutputXMLfile → monitoring will be stopped</messlv13>
08.30/14:44:051	ShutDown	ShutDown	ShutDown	ShutDown

The LogBrowser tool offers the same monitoring option as the IFCApplication so the items to display can be changed manually as per needs and as per set log level at that time.

🔽 lfc1 🔽 Pms1 🕢 Main		☑ => ☑	I <= DbAction - MessLvl3 +
Style: Debug 🗸 🗹 Monito	orRefresh 🔽	Bottom	HT24_Log.XML

### Load Old .evt Log Files

First uncheck the Monitor Refresh check box.

Then click on the log file name button in the bar you can choose .xml or .evt log file in the **Open file** option.

File name:		~	Open
Files of type:	MainLogXml files (* xml)	~	Cancel
	MainLogXml files (* xml) EventLog files (*.evt)		
ASTOICTOIA			

Change the Files of type option to "Event Log files (\*.evt)" to load old log files

Look in:	11FIASMSC		~ (	) 🏂 📂 🛄		
-	Name	^	D	ate modified	Туре	,
	FIAS_Loc	g.evt	1	8.08.2020 09:07	Classic	
Quick access	FIAS_Loc	g_01_16.50.evt	3	0.03.2020 13:27	Classic	2
	FIAS_Loc	g_02_09.15.evt	2	9.05.2020 08:37	Classic	
	FIAS_Loc	g_03_11.26.evt	0	1.04.2020 16:50	Classic	
Desktop	🛃 FIAS_Log	g_04_08.58.evt	0	2.03.2020 10:48	Classic	
	🛃 FIAS_Log	g_04_09.04.evt	0	4.03.2020 08:58	Classic	
<b>1</b>	🛃 FIAS_Log	g_04_13.13.evt	0	4.03.2020 09:04	Classic	
Libraries	🛃 FIAS_Log	g_04_13.15.evt	0	4.03.2020 13:13	Classic	2
	🛃 FIAS_Log	g_04_13.17.evt	0	4.03.2020 13:15	Classic	4
	🛃 FIAS_Log	FIAS_Log_04_13.25.evt		4.03.2020 13:17	Classic	6
This PC	🛃 FIAS_Log	g_04_13.26.evt	0	4.03.2020 13:25	Classic	Ξ,
	<				>	
	File name:			~	Open	_
Network						-
	Files of type:	EventLog files (*.evt)		$\sim$	Cancel	

Mark the log file to open and click open.

Log file will be loaded. Based on the set log level data will be available

8 Ifc8.Net LogFile Bro	owser V8.15. Monitems/0.06+	0.66sec.)			-		×
✓ lfc1 ✓ Pms1✓ l	Pms2 ✓ Main MessLvl3 ∨ ✓ →	✓ ← ✓ ⇒ ✓ <= DbAction	Style: Debug 🗸 🗌 MonitorRefresh 🗸	Bottom HT24	4_Log.XML	(22_17.56	s.evt)
TimeStamp	Ifc1 HT24⇔TCP_C=6669:192	Pms1 SERV[1]⇔ DBS=GlobaDbsConnect0/FoCommPort=5: 01 Link:Alive Comm:Sync	Pms2 SERV[1]⇔ 5DBS=GlobelDbsConnect.1/FoCommPort=59 11 Link:Alive Comm:Sync	Main-V8. IfcControl⇔Ti			^
<u>[06.21/23:52:41]</u>				<messlv13> [IfcMain.moSta /18] Garbage c (memory usage</messlv13>	ollectio	n done	
106.21/23:53:441				<messlv13> [IfcMain.moSta /50] Garbage c (memory usage</messlv13>	ollectio	n done	
[06.21/23:54:46]				<messlv13> [IfcMain.moSta /27] Garbage c (memory usage</messlv13>	ollectic	n done	
[06.21/23:55:49]				<messlv13> [IfcMain.moSta /50] Garbage c (memory usage</messlv13>	ollectic	n done	
<u>[06.21/23:56:52]</u>				<messlv13> [IfcMain.moSta /50] Garbage c (memory usage</messlv13>	ollectic	n done	
<u>[06.21/23:57:55]</u>				<messlv13> [IfcMain.moSta /50] Garbage c (memory usage</messlv13>	ollectio	n done	
<u>[06.21/23:58:57]</u>				<messlv13> [IfcMain.moSta /27] Garbage c (memory usage</messlv13>	ollectic	n done	