



**The RS232 logger ActiveX  
PRINTED MANUAL**

# RS232 logger ActiveX

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Printed: 09.09.2008

## **Publisher**

*AGG Software*

## **Production**

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# 1 Introduction

## 1.1

RS232 logger ActiveX Data Logger  
 ActiveX component, RS232 COM  
 Advanced Serial Data Logger  
 Advanced Serial Data

### RS232 logger ActiveX:

32-bit ActiveX (Visual C++, Delphi, Microsoft Office .NET).  
 Visual Basic ActiveX

- ActiveX Automation  
 Windows  
 Visual Basic.

Advanced Serial Data Logger,

Advanced Serial Data Logger

Advanced Serial Data Logger  
 COM

Advanced Serial Data Logger

RS232

Microsoft Excel c

Visual Basic.

: <http://www.aggsoft.ru/>

: <http://www.aggsoft.ru/rs232-logger-activex.htm>.

## 1.2

shareware-

Internet,

2

## 1.3

RS232 logger ActiveX	<a href="mailto:support@aggsoft.ru">support@aggsoft.ru</a>
	<a href="mailto:support@aggsoft.ru">support@aggsoft.ru</a>
	<a href="mailto:sales@aggsoft.ru">sales@aggsoft.ru</a>

## 1.4

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1. "RS232 logger ActiveX"
- 2.

3. "RS232 logger ActiveX"
- 4.
5. "RS232 logger ActiveX"  
sales@aggsoft.ru
6. "RS232 logger ActiveX"  
"RS232 logger ActiveX"
7. "RS232 logger ActiveX" "AS IS".
- 8.
9. "RS232 logger ActiveX"
10. "RS232 logger ActiveX"  
"RS232 logger ActiveX".

### 1.5

- Windows 95 ( comctrl.dll,
- Windows 95 OSR2;
- Windows 98;
- Windows Me.

- Windows NT4 (SP4 ).
- Windows 2000 Professional;
- Windows 2000 Server;
- Windows XP x86 x64;
- Windows 2003 Server x86 x64;
- Windows Vista ( ) x86 x64.

Internet Explorer 5.0

Advanced Serial Data Logger

ActiveX

## 1.6

Advanced Serial Data Logger.

, "RS232 logger ActiveX"  
Serial Data Logger"

"/Programs Files/Advanced

"RS232 logger ActiveX"  
!register.bat

## 2

asdlog.

API

asdlog



- [\\_\\_\\_\\_\\_](#) 

## 2.1

logger ActiveX.  
ActiveX.

COM

RS232  
RS232 logger

- [ITLoggerControlAX](#) 
- [ITLoggerControlAXEvents](#) 

## 2.1.1 ITLoggerControlAX

RS232 logger ActiveX Object.

## ITLoggerControlAX

	<a href="#">RegisterDataNotify</a>   6	
	<a href="#">GetConfigurations</a>   6	: COM1+CRLF+COM2+CRLF CR+LF.
	<a href="#">GetConfigID</a>   7	(ID)
	<a href="#">Send</a>   8	
	<a href="#">StartPause</a>   9	/
	<a href="#">SetLicenseKey</a>   9	
	<a href="#">SetOption</a>   10	
	<a href="#">GetOption</a>   11	
	<a href="#">SaveApplyOptions</a>   12	

:

: asdlog.h  
: asdlog.lib



### 2.1.1.1 ITLoggerControlAX::RegisterDataNotify

#### [C++]

```
long RegisterDataNotify(
    long ConfigID
    long NotifyType
);
```

#### [Visual Basic]

```
object.RegisterDataNotify(
    ConfigID As Long
    NotifyType As Long
) As Long
```

*ConfigID*

[in]

(ID)

[GetConfigID](#)

*NotifyType*

[in]

(RAW)

; 1 -

: 0 -

; 2 -

:

:

asdlog.h

:

asdlog.lib

:

[ITLoggerControlAX](#)

### 2.1.1.2 ITLoggerControlAX::GetConfigurations

CR+LF. : COM1+CRLF+COM2+CRLF

#### [C++]

```
BSTR GetConfigurations();
```

[Visual Basic]

```
object.GetConfigurations() As String
```

:

```
:          asdlog.h
:          asdlog.lib
```

:

[ITLoggerControlAX](#) 

### 2.1.1.3 ITLoggerControlAX::GetConfigID

(ID)

[C++]

```
long  GetConfigID(
      BSTR ConfigName
);
```

[Visual Basic]

```
object.GetConfigID(
      ConfigName As String
) As Long
```

*ConfigName*

[in]

[GetConfigurations](#) 

:

```
:          asdlog.h
:          asdlog.lib
```

:

[ITLoggerControlAX](#) 

### 2.1.1.4 ITLoggerControlAX::Send

#### [C++]

```
long Send(
    long ConfigID
    long SendType
    long DataType
    BSTR Data
);
```

#### [Visual Basic]

```
object.Send(
    ConfigID As Long
    SendType As Long
    DataType As Long
    Data As String
) As Long
```

#### ConfigID

[in] (ID)  
[GetConfigID](#) <sup>7</sup>

#### SendType

[in] : 0 - ; 1 - ; 2 -

#### DataType

[in] : 0 - ; 1 - #AA

#### Data

[in]

:

: asdlog.h  
 : asdlog.lib

:

[ITLoggerControlAX](#) <sup>5</sup>

## 2.1.1.5 ITLoggerControlAX::StartPause

[C++]

```
long StartPause(
    long ConfigID
    long State
);
```

[Visual Basic]

```
object.StartPause(
    ConfigID As Long
    State As Long
) As Long
```

*ConfigID*

[in]

(ID)

[GetConfigID](#)*State*

[in]

0

). State=0,

:

:

asdlog.h  
asdlog.lib

:

[ITLoggerControlAX](#)

## 2.1.1.6 ITLoggerControlAX::SetLicenseKey

[C++]

```
long SetLicenseKey(
    BSTR Key
);
```

[Visual Basic]

```
object.SetLicenseKey(
    Key As String
) As Long
```

*Key*  
[in] : AAAA-BBBB-CCCC-DDDD

:  
: asdlog.h  
: asdlog.lib

[ITLoggerControlAX](#) <sup>5</sup>

**2.1.1.7 ITLoggerControlAX::SetOption**

[C++]

```
long SetOption(
    long ConfigID
    BSTR Option
    VARIANT* Value
);
```

[Visual Basic]

```
object.SetOption(
    ConfigID As Long
    Option As String
    Value As Variant
) As Long
```

*ConfigID*  
[in] (ID)  
[GetConfigID](#) <sup>7</sup>

*Option*  
[in] / Window (  
[SaveApplyOptions](#)) <sup>12</sup>

*Value*  
[in] True False boolean.

```

:
:
:      asdlog.h
:      asdlog.lib

```

[ITLoggerControlAX](#)<sup>5</sup>

### 2.1.1.8 ITLoggerControlAX::GetOption

[C++]

```

long  GetOption(
    long    ConfigID
    BSTR    Option
    VARIANT** Value
);

```

[Visual Basic]

```

object.GetOption(
    ConfigID As Long
    Option  As String
    Value   As Variant
) As Long

```

*ConfigID*

[in]

(ID)  
[GetConfigID](#)<sup>7</sup>

*Option*

[in]

/ [SaveApplyOptions](#)<sup>12</sup>

Window (

*Value*

[out]

True False

boolean.

```

:
:
:      asdlog.h
:      asdlog.lib

```

[ITLoggerControlAX](#)<sup>5</sup>

### 2.1.1.9 ITLoggerControlAX::SaveApplyOptions

HKEY\_LOCAL\_MACHINE\SOFTWARE\AGG Software\Advanced Serial Data Logger\  
{8BB712F0-490F-499F-B616-3E809FAE4A22}.

HKEY\_CURRENT\_USER\SOFTWARE\AGG Software\Advanced Serial Data Logger\  
{8BB712F0-490F-499F-B616-3E809FAE4A22}

```

        INI (
            INI
        ),
    :
        "{8BB712F0-490F-499F-B616-3E809FAE4A22}"
    
```

#### [C++]

```

long SaveApplyOptions(
    long ConfigID
    long DoSave
);
    
```

#### [Visual Basic]

```

object.SaveApplyOptions(
    ConfigID As Long
    DoSave As Long
) As Long
    
```

*ConfigID*

[in] (ID) ,  
[GetConfigID](#) [7].

*DoSave*

[in] > 0, ,

INI .

:

: asdlog.h  
: asdlog.lib

:

[ITLoggerControlAX](#) [5]

## 2.1.2 ITLoggerControlAXEvents

RS232 logger ActiveX.

ITLoggerControlAXEvents

	<a href="#">OnData</a> <sup>13</sup>	Data Logger	Advanced Serial
	<a href="#">OnDataPacket</a> <sup>14</sup>	Logger.	Advanced Serial Data
	<a href="#">OnEvent</a> <sup>15</sup>		

:

```

:      asdlog.h
:      asdlog.lib

```

### 2.1.2.1 ITLoggerControlAXEvents::OnData

Advanced Serial Data Logger

[C++]

```

HRESULT OnData(
    BYTE DataSent
    BSTR Data
);

```

[Visual Basic]

```

object.OnData(
    DataSent As Byte
    Data As String
)

```

*DataSent*

[in]

DataSent&gt;0

(Data)

,

(Data)

*Data*



```

[in]      .
          :
          :
          :      asdlog.h
          :      asdlog.lib
          :

```

[ITLoggerControlAXEvents](#)<sup>[13]</sup>

### 2.1.2.2 ITLoggerControlAXEvents::OnDataPacket

Advanced Serial Data Logger.

[C++]

```

HRESULT  OnDataPacket(
    BYTE   DataSent
    VARIANT* VarNames
    VARIANT* VarValues
);

```

[Visual Basic]

```

object.OnDataPacket(
    DataSent As Byte
    VarNames As Variant
    VarValues As Variant
)

```

*DataSent*  
[in] DataSent>0 (Data), (Data)

*VarNames*  
[in] , .

*VarValues*  
[in] , .

```

:
:
:      asdlog.h
:      asdlog.lib
:

```

[ITLoggerControlAXEvents](#) <sup>13</sup>

### 2.1.2.3 ITLoggerControlAXEvents::OnEvent

[C++]

```
HRESULT OnEvent (
    long      Event
    BSTR      EventName
    VARIANT*  ArgNames
    VARIANT*  ArgValues
);
```

[Visual Basic]

```
object.OnEvent (
    Event      As Long
    EventName  As String
    ArgNames   As Variant
    ArgValues  As Variant
)
```

*Event*

[in]

*EventName*

[in]

PORT-OPEN.

*ArgNames*

[in]

' ( - ) .

*ArgValues*

[in]

' ,

:

: asdlog.h  
: asdlog.lib

:

[ITLoggerControlAXEvents](#) <sup>13</sup>