WHY TRADESTATION   PRODUCTS   TRADING TECHNOLOGY

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Chris@TS
🪝🪝🪝🪝🪝

8572 Posts

📄 Posted - 08/18/2011 18:39:53 👤 ✉️ ↩️

With the introduction of objects in TradeStation 9.0, the GlobalDictionary class was in
share information across applications (and between windows within the same applic
between 2 charts, 2 RadarScreen windows, etc.) within the TradeStation platform. If
within TradeStation (i.e., you don't need to share information between TradeStation a
TradeStation), it is recommended that the GlobalDictionary be used since it is an engi
within the TradeStation platform.

Here is the latest release of GlobalVariable.dll - one of the DLL coding demonstrations create TradeStation-compatible DLL's. **Important: The new functionality for the 64-TradeStation 9.0, Build 8816 and later. For prior versions of TradeStation, use Gl** can be found here:

https://community.tradestation.com/discussions/Topic.aspx?Topic_ID=32115

The attached zip file contains the following:

    1. New documentation (contained in the file "Global Variable 2.3.doc")

    2. A demonstration workspace (9.0, Build 8816 and later)

    3. An ELD file containing studies and functions for import

    4. C++ project and code files

    5. GlobalVariable.dll (compiled from the new Version 2.3 code)

ZIP FILE: Global Variable 23.ZIP

After clicking on the zip file link above, select "Save" (when prompted) in order hard-drive. Use a utility such as WinZip® to decompress

When using Windows Vista or Windows 7, you may have to disable User Account Cor notify") for the DLL to be recognized. However, you should exercise care in doing this temporarily, as this is a security feature of Windows 7. Also, don't forget that, after cl

computer must be re-booted for the new settings to take effect.

Also, note that if you are using the 64-bit version of Windows 7, copy/paste the DLL equivalent):

C:\WINDOWS\SysWOW64\

Here's what's new in this version. Please see the documentation contained in the zip

1. Increased the number of maximum shared named global variables (MAXSHAREI

2. Added EasyLanguage functions to utilize the Int64 data type for 64-bit integer
   a. GVGetInteger64

   b. GVGetInt64NameByNum

   c. GVGetNamedInt64

   d. GVGetNamedInt64ByNum

   e. GVResetAllNmdInt64

   f. GVSetInteger64

   g. GVSetNamedInt64

3. Added C++ functions to the DLL to utilize the Int64 data type for 64-bit integer
   a. GV_GetInteger64

   b. GV_GetInt64NameByNum

   c. GV_GetNamedInt64

   d. GV_GetNamedInt64ByNum

   e. GV_ResetAllNmdInt64

     f. GV_SetInteger64

     g. GV_SetNamedInt64

Please refer to the extensive documentation file, "Global Variable 2.3.doc", which is ir
for installation instructions and an introduction to how the global variable code works
answer your question, then please post it, along with any comments or suggestions,
topic in the EasyLanguage-DLL support forum here: The EasyLanguage-DLL Support

Kindest regards,
Chris Imhof,
EasyLanguage Engineer
TradeStation EasyLanguage Consulting
Getting Started With EasyLanguage Objects

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rcoolkarni

171 Posts

Posted - 10/05/2011 20:47:29

Great job on the documentation - its very clearly articulated. Thank you!

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mmillar

7662 Posts

Posted - 10/18/2011 05:00:08

Hi Chris, What version of Visual Studio was the project created in? I'm getting a 'new
open the C++ code. Thanks.

Chris@TS

8572 Posts

Posted - 10/18/2011 10:32:00

mmillar,

Global Variables 2.3 was written and compiled with VisualStudio 2010.

Best regards,
Chris Imhof
EasyLanguage Engineer
TradeStation EasyLanguage Consulting

Chris@TS

8572 Posts

📄 Posted - 10/18/2011 15:18:10 👤 📧 ↩

MM,

Welcome to the EasyLanguage Support Forum! As a new forum user, you should bec
Posting. Additionally, if you use browser software other than Internet Explorer, you m
certain Support Forum features, like the forum search, downloading of certain types of
feature that notifies you of replies to your topic by e-mail. These features are designed
Explorer. You may wish to add your comments and vote to the Browser Feature Poll.

I'm not sure that I understand the problem you are having. Are the Global Variables
code use Global Variables? Can you post some code and screenshots showing the pro

For more information on creating and posting screenshots and/or attachments, pleas

How to Save a Tradestation Chart to the Best Image Quality

Inserting Images

Inserting Attachments

If you are just getting started in EasyLanguage, you may find these resources helpfu
Reference, and Third-Party EasyLanguage Specialist Links.

Best regards,
Chris Imhof
EasyLanguage Engineer

TradeStation EasyLanguage Consulting

DougM@TS

8064 Posts

Gladiatore,

It appears that you may be wanting to enter a position manually and then use the Le

If so, you can use the **Adopt Real-World Position** functionality that be can enabled in

To enable got to *Format -> Strategies -> Properties for All -> Automation(tab)* and selec

Strategy Properties for All Strategies on this Chart

| General | Backtesting | Automation |

Strategy fill logic

○ Strategy will fill non-historical orders based on price activity

☐ Replace strategy entry limit orders with market orders `15` seconds after the strategy has fill

☐ Replace strategy exit limit orders with market orders `15` seconds after the strategy has fill

☐ Allow multiple automated strategies on multiple charts using the same futures/forex symbol in the s
account. Also, allow simultaneous placing of exit and entry orders for a reversal instead of waiting
the exit to be reported filled before placing the entry.

Note: When this option is selected the strategy will not perform usual position checks before placi
order and the Position Match value WILL NOT be used to determine whether an order is pl

● Strategy will fill non-historical orders only when the TradeManager reports them as filled

☑ Allow partially filled order to remain in market after the next calculation

Note: By default, partially filled orders will be canceled on the next bar (or next tick if intrabar orde
is enabled). This is done based on the assumption that if the order has not been fully filled
market has moved away from your order.

☑ Adopt the real-world position for the current account

Note: When the strategy begins calculating in real-time replace any conflicting historical position

current automated account position.

☑ Wait for an UROut confirmation before sending a subsequent entry order for the same signal to th

Stop Orders

☑ Send strategy generated stop orders directly to the TradeStation Order Execution Network

☑ Always hold stop orders on the TradeStation Order Execution Network's Stop server, even if the e destination natively supports stop orders.

Note: By default the TradeStation Order Execution Network will not hold stop orders if the executi destination supports stop orders. If the destination does not support stop orders the TradeS Execution Network will monitor the stop order using its own stop server. When a stop orde directly to an execution destination the possibility exists that the order may be rejected. Thi primarily when the stop price is close in proximity to the actual trading price. Rejected order issues when automating. Selecting this option guards against rejected stop orders. We red you use this setting if your strategy places stop orders close to the actual market.

☐ Set as Default

OⲎ

For more information please see…

[Exiting A Manual Entry With An Automated Strategy](#)

Please post back if you have additional questions or need further assistance.

Best Regards,
Doug McCrary
EasyLanguage Analyst

TradeStation EasyLanguage Consulting

RichardR

13 Posts

Posted - 10/27/2011 13:51:06

Im triing to get my chart with download cannot find DLL library file GLOBALVARIABLE.o
Wrong) need help
richard

RichardR

13 Posts

Posted - 10/27/2011 13:58:04

after open i saved to desktop then open from desltop still not working

TradingDude
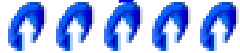
22992 Posts

Posted - 10/27/2011 13:59:32

quote:

Originally posted by RichardR
Im triing to get my chart with download cannot find DLL library file GLOBALVARI
am installing Wrong) need help
richard

Did you copy the DLL to the Tradestation 9.0/Program directory?

https://community.tradestation.com/Discussions/Topic.aspx?Topic_ID=55757&Page=

Chris@TS

8572 Posts

Posted - 10/28/2011 15:50:19

RichardR,

Did you follow the instructions as outlined in the documentation above (there is a Wc
Variables, along with installation instructions, in the zip file above) to ensure you hav

If you only need to share information between processes and windows inside TradeS
GlobalDictionary object in TradeStation 9.0. This is an engineered solution to this and
DLL files, and other setup items. Here are some links you may find helpful for getting
class:

GlobalDictionary (Trader Wiki)
GlobalDictionary Creation and Share
GlobalDictionary Example and Links
Use GlobalDictionary to Plot Strategy Values
Use GlobalDictionary to Pass Values from a Chart or RadarScreen Window to the Scar

Best regards,
Chris Imhof
EasyLanguage Engineer
TradeStation EasyLanguage Consulting

Gladiatore

40 Posts

Posted - 11/05/2011 12:42:56

Doug,
Thanks for your support, everything works fine, I tried only on simulated account and
enter the strategy
"_ ContinuousAdoptRealWorldPositionV1" and the chart updates automatically insert
Now I can make trading manual, semi-automatic and automatic.
Fantastic job! Thank you very much.
MM

VKTrader

87 Posts

Posted - 02/14/2012 08:36:39

TS Team - Appreciate compiling this for VS2010. Is there any possibility of making a p
VS2010?

Thanks.

Chris@TS

8572 Posts

Posted - 02/14/2012 10:13:03

VKTrader,

EasyLanguage Collections (ELC) and All Data Everywhere (ADE) are user-developed
However, one of our users has created an ELC and ADE Frequently Asked Questions
is located at the following link:

https://community.tradestation.com/wiki/pages/viewpage.action?pageId=8975

Best regards,
Chris Imhof
Senior EasyLanguage Engineer
TradeStation EasyLanguage Consulting Department

VKTrader

87 Posts

Posted - 02/14/2012 11:42:17

Thanks Chris. ELC/ADE - I am familiar with them and have been using them. For that
user-developed code. As TS took effort to convert globalvariable.dll code - wondering
code as well and prepare the VS2010 based project. the current state of them they a
compile them as they are. Just wondering if TS (or any other users) can help them m
compiled as needed.

If this is too much of an effort - I can understand !!

Thanks.

msb

1988 Posts

Posted - 07/12/2012 08:49:21

Hi Chris, I read your note at the top of the page about the GlobalDictionary class and
why the ELC Server is necessary in a multi-threaded environment for the ELC/ADE co
correctly. Wouldn't the same underlying issue apply to the updated Global Variable dl

work in a multi-threaded environment (if Chart Analysis Preferences, CPU Settings, Er
checked).

DaveC@TS

17173 Posts

Posted - 07/13/2012 11:52:49

msb,

V2.3 for Global Variables supports the latest multi-core TradeStation capability.

Please post back if you have additional questions.

Regards,

Dave Cohn
EasyLanguage Engineering
TradeStation EasyLanguage Consulting Department

msb

1988 Posts

Posted - 07/16/2012 11:17:27

Thanks DaveC, I think more followup on this is nesseccary given what I'm seeing as e
comments in the 9.1 beta forum about this though.

dwt

470 Posts

Posted - 07/17/2012 10:46:54

> quote:
> ---
> per Chris@TS, 2/14/12:
> EasyLanguage Collections (ELC) and All Data Everywhere (ADE) are user-deve
> applications... However, one of our users has created an ELC and ADE Frequen
> the EasyLanguage Wiki. It is located at the following link:
>
> https://www.tradestation.com/wiki/x/DyM

This link appears to be broken. Can you please offer an updated link?

Thanks.

dwt

DaveC@TS

17173 Posts

Posted - 07/18/2012 10:41:40

dwt,

The link above to the ELC & ADE Frequently Asked Questions has been updated to w

ELC & ADE Frequently Asked Questions (Wiki).

Please post back if you have additional questions.

Regards,

Dave Cohn
EasyLanguage Engineering
TradeStation EasyLanguage Consulting Department

Sunlit

55 Posts

Posted - 08/08/2012 04:32:26

Hello,

We've been trying to get a copy of the above DLL (posted at the beginning of the thr
appears to be corrupted and unusable -- we've tried to download it many times, and
to download it for us -- no one can get an uncorrupted copy.

Furthermore, we've asked TradeStation support to email us this file over and over ag
file itself is stripped out of the email. We get the message: "The attachment was rem
We have two different ISP's, and we get the same message from both. We have also
the file to several other people (with different ISP's), and ALL of them get the same n

emails we sent to the two support persons who were helping us -- Jacqueline Clark a
even answered by these two.)

We are completely unable to proceed with our development efforts without this DLL,
to get it from TradeStation. Please advise!

mmillar

7662 Posts

Posted - 08/08/2012 05:43:45

FWIW, the zip file is not corrupted. It works fine for me.

4trading

9422 Posts

Posted - 08/08/2012 11:55:08

quote:

Originally posted by Sunlit
Hello,

We've been trying to get a copy of the above DLL (posted at the beginning of t
file above appears to be corrupted and unusable -- we've tried to download it
asked several other people to download it for us -- no one can get an uncorru

Furthermore, we've asked TradeStation support to email us this file over and o
send it, the file itself is stripped out of the email. We get the message: "The at
is not our ISP doing this. We have two different ISP's, and we get the same me
also had TradeStation support send the file to several other people (with differ
get the same message -- and no file. (The last emails we sent to the two supp
helping us -- Jacqueline Clark and Roland Saad -- were never even answered b

We are completely unable to proceed with our development efforts without thi
completely unable to get it from TradeStation. Please advise!

You need to EXTRACT the zipped file first. Then IMPORT the extracted file using TDE. Y
file in TradeStation.

DaveC@TS

17173 Posts

Posted - 08/08/2012 11:56:06

Sunlit,

We were able to duplicate your issue. Thanks for bringing this to our attention - we a

As an interim work-around, you can download the file below and rename it to a ".zip" open it as a zip file.

Attachment:DATA/20120808115131Global Variable 2.3.zip.png 170610 bytes

Please post back if you have additional questions.

Regards,

Dave Cohn
EasyLanguage Engineer
TradeStation EasyLanguage Consulting Department

Sunlit

55 Posts

Posted - 08/09/2012 05:41:38

Dear Dave,

Thanks much -- this solved it for us and we were able to finally download the file with

My best,
Julie

Systems Trader

388 Posts

Posted - 07/12/2014 21:29:42

I understand that we now have the GlobalDictionary class however I have a number engineered around GlobalVariables2.3 with insufficient time right now to convert thes Are the GV2.3 functions now broken in TS9.5 or is there some trick to getting them w issues getting GV2.3 functions to work.

I have had success getting other third party dlls working such as for Excel Link 1.3.1 here with GV2.3 please.

DougM@TS

8064 Posts

Posted - 07/14/2014 12:11:42

Systems Trader,

We are not aware of any specific issues with the GV2.3 dll and TradeStation 9.5.

Can you tell us more about the issues you are experiencing?

Best Regards,
Doug McCrary
EasyLanguage Engineer
TradeStation EasyLanguage Consulting Department

Quick Reply

Message:

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