

LogWindow Introduction

Welcome... to the [LogWindow Introduction](#) manual. It is written to give you an overview of LogWindow and Solution Studios (developers of the LogWindow product) and is organized so you can read sequentially through it.

Contents

[Documentation](#) explains the LogWindow documentation and how it is organized.

[LogWindow Overview](#) provides a high level overview of LogWindow.

[Solution Studios](#) provides contact, licensing and product information for Solution Studios and LogWindow.

Documentation

Documentation

The LogWindow documentation is organized into several manuals (help files). The documentation you receive will depend on the LogWindow product you purchase.

The [LogWindow Introduction](#) manual provides a brief overview of the LogWindow Component, the license agreement, and LogWindow product information. Solution Studios contact information is also provided. This manual is included with all the LogWindow products.

The [LogWindow User's Guide](#) provides an explanation of how to use LogWindow and is included with all of the LogWindow products.

The [LogWindow Developer's Reference](#) provides an a detailed explanation of how to develop a LogWindow application and has a reference section that documents each of the interfaces, methods and properties. This is included with the evaluation and developer's kits.

The [LogWindow Samples](#) manual demonstrates and explains how to develop LogWindow applications with different development tools. This is included with the evaluation and developer's kits.

We have organized each manual into sections. In general, the first sections are to be read sequentially (use the help browse keys to move from page to page) while you are learning to use LogWindow. The later sections are for reference purposes.

LogWindow Overview

LogWindow Overview

LogWindow is component software designed to provide a window logging service for other programs. The concepts used in LogWindow are simple and are explained in the topics of this section.

Section Topics

Log Channel explains the basic idea of a LogWindow channel.

Your Application and LogWindow shows how other applications work with LogWindow.

LogWindow Services explains the LogWindow service.

Objects - Classes vs Controls vs Components explains the different forms of "objects" and gives you an idea of where LogWindow fits within the object paradigm.

Interfaces and Connections explains how applications connect to and use the LogWindow services.

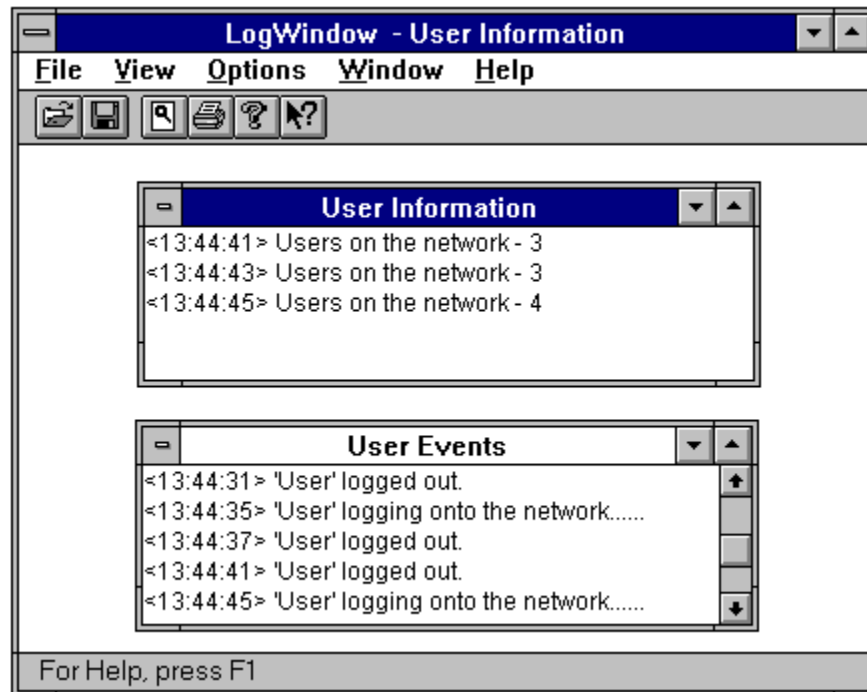
Properties and Methods explains the concept of how applications pass LogWindow information and then have it act based on that information.

Technology explains the technology that was used to create LogWindow.

Log Channel

LogWindow Overview

LogWindow is a multi-document interface (MDI) application where each window (or "document") is a log channel that host applications can create, configure and write to. Each host can have multiple channels open and in fact more than one host application can be running at the same time. The figure below shows LogWindow with two active channels.

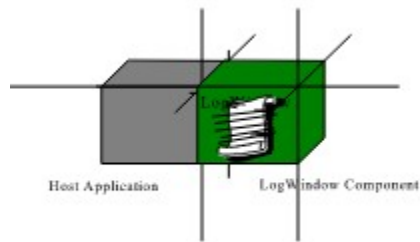


Log channel output can be displayed on the screen, saved in a file or printed just as you might save or print a document.

Your Application and LogWindow

LogWindow Overview

LogWindow is a software object called a **component**. Other applications connect to LogWindow's **interfaces**, initialize the **LogWindow Service** and then use the **properties and methods** to log information to a window.



The end result results in an application that links several software components into a well integrated solution.

LogWindow Services

LogWindow Overview

The LogWindow architecture has been designed to allow the developer to use a special application called a "Tuner" to create and configure their own LogWindow services. There are over fifty (50) properties that help them create the exact LogWindow service they need. These LogWindow services are what support and manage the channels as they are dynamically created by an application.

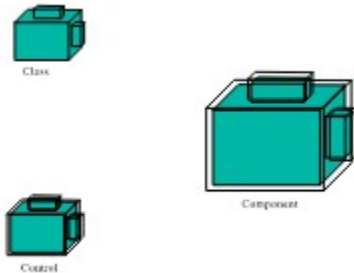


Note: Within the LogWindow architecture the LogWindow service and LogWindow channel are essentially the same. However it is possible to have more than one open channel that uses a given LogWindow service.

Objects - Classes vs Controls vs Components

LogWindow Overview

LogWindow is a software object. Within the scope of the object architecture used by Solution Studios, there are three forms of objects: 1) Classes, 2) Controls and 3) Components. Explaining each of these in detail is well beyond the scope of this manual. However, in simply terms we use the definitions given below.



Class: A group of variables and procedures that together perform a related set of functions. This functionality is only available to other objects within the same program.

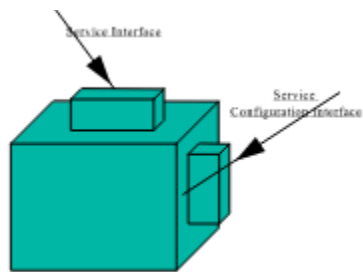
Control: A class object that has been wrapped with the proper technology to make the object functionality available to other applications. The functionality provided by the control is usually narrow in scope and usually tightly integrated with the host application.

Component: A class object that has been wrapped with the proper technology to make the object functionality available to other applications. Components are similar to a control but are generally more sophisticated and are more independent.

Interfaces and Connections

LogWindow Overview

To use and configure the LogWindow service, an application simply needs to connect to the appropriate "interface". This link between an application and an interface is what we call a "connection".

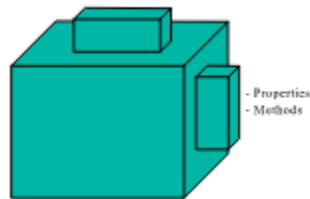


The LogWindow component has two primary interfaces. The first interface (the LogWindow Service Interface) provides the logging function and the second (the Configuration Interface) is used to control how LogWindow behaves.

Properties and Methods

LogWindow Overview

Each LogWindow interface is made up of a group of "properties" and "methods". A property is a mechanism where an application defines a LogWindow characteristic or passes information to LogWindow. A method is the mechanism the host application uses to tell LogWindow to do something.



It is these methods and properties that the developer uses to have LogWindow perform the logging tasks that their application requires.

Technology

LogWindow Overview

LogWindow is a MDI document application that was developed using Microsoft Visual C++ and the Microsoft Foundation Classes. We then used the automation functionality of Microsoft's Object Linking and Embedding (OLE) technology to expose the LogWindow interfaces. The 1.0 version is a 16 bit application that runs under Windows 3.1, Windows for Work Groups, Windows NT and Windows 95.

Solution Studios

Solution Studios

Each of us at Solution Studios, Inc. would like to personally thank you for allowing us to provide this service for your applications through our LogWindow product. If you have questions of any type or would like to make suggestions as to how we can improve, please feel free to contact us.

Section Topics

Contact Information gives information on how to contact Solution Studios.

License Agreement explains terms and conditions for the use of the LogWindow products.

Product and Product Pricing lists the various LogWindow products and the price for each.

Product Descriptions describes in detail each of the LogWindow products.

Purchasing a Product explains how to purchase a LogWindow product from Solution Studios.

Contact Information

Solution Studios

Should you need to contact Solution Studios to purchase a product, give us feedback or resolve a problem, you can contact us in the following ways:

Email: 74454.117@compuserve.com
Phone: (309) 692-9162

Address: Solution Studios, Inc.
2215 W. Willow Knolls #513
Peoria, IL 61614

We have found that Email is by far the most efficient means of communicating with us and we would prefer that you use it when possible.

PLEASE NOTE: If you are using an application that has been developed and supplied to you by a third party, you must contact them for support of their implementation of LogWindow.

License Agreement

Solution Studios

1. COPYRIGHT. Solution Studios LogWindow is a copyrighted product owned and licensed by Solution Studios, Inc. (Solution Studios). It is protected by United States copyright laws and international treaties. Solution Studios maintains all the rights provided by these laws and treaties. Failure to comply with this license agreement is a legal violation and may result in action by Solution Studios.

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2.c You must have a developers license to develop any new applications that use LogWindow.

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3.a. You may make and distribute unlimited copies of the evaluation kit provided that you distribute the complete evaluation kit. You may not charge for this kit without previous consent from Solution Studios.

3.a. You may freely distribute the software as part of applications developed using LogWindow. However, you must do this with the proper distribution kit obtained from Solution Studios.

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Product Pricing

Solution Studios

The following is a list of the LogWindow products that are available. (Pricing and availability are subject to change.)

<u>Product</u>	<u>Product ID</u>	<u>Price</u>
30 Day Evaluation Kit	LW010	Free
1 copy Developer Kit	LW100	\$ 30
5 copy Developer Kit	LW101	\$125
10 copy Developer Kit	LW102	\$200
Unlimited Developer Kit	LW103	\$500
Developer Kit w/ Source	LW120	\$500
Distribution Kit	LW200	\$ 50

Each of the products is described in the [Product Descriptions](#) topic.

Product Descriptions

Solution Studios

30 DAY EVALUATION KIT - The evaluation kit gives you access to all of the LogWindow functionality and documentation. After 30 days the evaluation license expires and you must purchase the software or uninstall it.

DEVELOPER KIT - The developer kit gives you unlimited access to all of the LogWindow functionality and documentation. You can freely develop, use and distribute applications that utilize LogWindow. However, you must obtain a distribution kit and the proper registration number to distribute LogWindow itself.

SOURCE CODE - The source code kit is a developer kit bundled together with the source code for LogWindow. The source code is yours to copy and modify but you can not use it to create products that compete with LogWindow.

DISTRIBUTION KIT - The distribution kit bundles the necessary files and a run time license so that you can distribute and install LogWindow with your application. This is a one-time-only purchase and is not a run time charge for LogWindow.

Purchasing a Product

Solution Studios

To purchase a LogWindow product, contact Solution Studios with the following information:

Name

Organization Name

Address

Phone

Email

Product ID and quantity

All orders must be accompanied with proper payment. (Credit card orders must include type of card, card holder name, number, expiration date.)

