

headline area

Upper part of a **NewsList** control where text from the **Headline** property of a **NewsItem** object is displayed.

byline area

Part of a **NewsList** control below the **headline area** and above the **body area** where text from the **Byline** property of a **NewsItem** object is displayed.

body area

Lower part of a **NewsList** control where text from the **Headline** property of a **NewsItem** object is displayed.

Kheadline footer

The area just below the **headline area** and just above the **byline area**.

Kbyline footer

The area just below the **byline area** and just above the **body area**.

standard property or method

Information on this property or method can be found in the standard Visual Basic documentation. No other information is available (or needed).

LDrive NewsList

Roll your own news!

LDrive NewsList is an ActiveX control that displays pages of user-defined text in a newspaper-like fashion. It can resize automatically, and rotate through an internal collection of text items on a timer.

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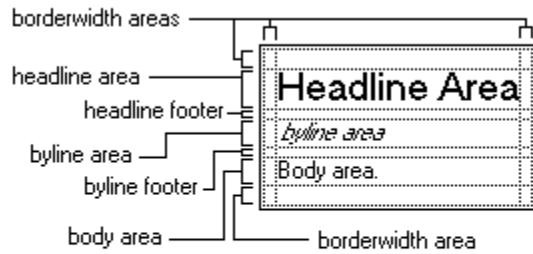
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NewsList layout

The **NewsList** control consists of a series of areas as shown in the diagram below.



AutoSize Property

Returns or sets a value that determines whether the height of the control is automatically resized to display its contents.

Syntax

object.**AutoSize** [= *integer*]

The **AutoSize** property syntax has these parts:

<u>Part</u>	<u>Description</u>
<i>object</i>	An object expression that evaluates to a NewsList object.
<i>boolean</i>	A Boolean expression specifying whether the object resizes at design time or not.

Settings

The settings for *boolean* are:

<u>Setting</u>	<u>Description</u>
True	Automatically resizes the height of the control to display its entire contents whenever a new NewsItem is shown.
False	(Default) Keeps the size of the control constant. Contents are clipped when they exceed the area of the control.

Remarks

none.

BackColor, BodyColor, BylineColor, HeadlineColor Properties

BackColor - returns or sets the background color of the control.

BodyColor - returns or sets the foreground color used to display text in the body area of the control.

BylineColor - returns or sets the foreground color used to display text in the byline area of the control.

HeadlineColor - returns or sets the foreground color used to display text in the headline area of the control.

Syntax

object.**BackColor** [= *color*]

object.**BodyColor** [= *color*]

object.**BylineColor** [= *color*]

object.**HeadlineColor** [= *color*]

The **BackColor**, **BodyColor**, **BylineColor**, and **HeadlineColor** property syntaxes have these parts:

<u>Part</u>	<u>Description</u>
<i>object</i>	An object expression that evaluates to a NewsList object.
<i>color</i>	A value or constant that determines the background or foreground colors of an object, as described in Settings.

Settings

NewsList uses the standard Visual Basic/Microsoft Windows operating environment red-green-blue (RGB) color scheme. The settings for *color* are:

<u>Setting</u>	<u>Description</u>
Normal RGB colors	Colors specified by using the Color palette or by using the RGB or QBColor functions in code.
System default colors	Colors specified by system color constants listed in the Visual Basic (VB) object library in the Object Browser. The Windows operating environment substitutes the user's choices as specified in the Control Panel settings.

The default settings are:

BackColor - set to the system default color specified by the constant **vbButtonFace**.

BodyColor, **BylineColor**, and **HeadlineColor** - set to the system default color specified by the constant **vbButtonText**.

Remarks

none.

BodyFont, BylineFont, HeadlineFont Properties

BodyFont - returns the **Font** object used to display text in the body area of the control.

BylineFont - returns the **Font** object used to display text in the byline area of the control.

HeadlineFont - returns the **Font** object used to display text in the headline area of the control.

Syntax

object.**BodyFont**

object.**BylineFont**

object.**HeadlineFont**

The object placeholder represents an object expression that evaluates to a **NewsList** object.

Remarks

Use these properties to identify the specific **Font** object whose properties you want to use. For example, the following code changes the **Bold** property setting of the **Font** object identified by the byline area of a **NewsList** object:

```
nlNewItems.BylineFont.Bold = True
```

BorderWidth Property

Returns or sets the number of pixels between the control's border and any text displayed.

Syntax

object.**BorderWidth** [= *integer*]

The **BorderWidth** property syntax has these parts:

<u>Part</u>	<u>Description</u>
<i>object</i>	An object expression that evaluates to a NewsList object.
<i>integer</i>	An Integer expression specifying the border width, in pixels.

Remarks

none.

BylineFooter, HeadlineFooter Properties

BylineFooter - returns or sets the number of pixels between the byline area and the body area of the control.

HeadlineColor - returns or sets the number of pixels between the headline area and the byline area of the control.

Syntax

object.**BylineFooter** [= *integer*]

object.**HeadlineFooter** [= *integer*]

The **BylineFooter** and **HeadlineFooter** property syntaxes have these parts:

<u>Part</u>	<u>Description</u>
<i>object</i>	An object expression that evaluates to a NewsList object.
<i>integer</i>	An Integer expression specifying the new distance, in pixels.

Remarks

Valid *index* values range from 1 to **LineCount**. Note that **LineItems** is an array and not a collection, so the **For Each** syntax is not supported.

CurrentNewsItem Property

Returns the index of the **NewsItem** currently displayed. Read-only.

Syntax

object.**CurrentNewsItem**

The object placeholder represents an object expression that evaluates to a **NewsList** object.

Remarks

CurrentNewsItem returns 0 when there is no **NewsItem** displayed.

Use the **ShowFirstNewsItem**, **ShowNextNewsItem**, **ShowPreviousNewsItem**, and **ShowNewsItem** methods to change the current **NewsItem** manually.

Interval Property

Returns/sets the number of milliseconds before the next **NewsItem** is shown.

Syntax

object.Interval [= *milliseconds*]

The **Interval** property syntax has these parts:

<u>Part</u>	<u>Description</u>
<i>object</i>	An object expression that evaluates to a NewsList object.
<i>milliseconds</i>	A numeric expression specifying the number of milliseconds, as described in Settings.

Settings

The settings for *milliseconds* are:

<u>Setting</u>	<u>Description</u>
0	Automatic display is disabled.
1 to 65,535	Sets an interval (in milliseconds) before the next NewsItem is shown. For example, a value of 10,000 milliseconds equals 10 seconds. The maximum, 65,535 milliseconds, is equivalent to just over 1 minute.

The default value for *milliseconds* is 5,000, or 5 seconds.

Remarks

The **Interval** property is ignored while **Pause** is **True**.

NewsItems Property

Returns a reference to a collection of **NewsItem** objects in a **NewsList** control.

Syntax

object.**NewsItems**

The object placeholder represents an object expression that evaluates to a **NewsList** object.

Remarks

You can manipulate **NewsItem** objects using collection methods (for example, the **Add** and **Remove** methods) and the **For Each** enumeration syntax. Each member of the collection can be accessed by its index or unique key. The key is stored in the Key property (specified in the **Add** method).

Although the **NewsItems** property looks like a standard collection, it is not. Refer to the **NewsItemCollection** topic for more information.

Pause Property

Returns or sets a value that determines if the control will automatically show its **NewsItems** in sequence according to the value of the **Interval** property.

Syntax

object.**Pause** [= *boolean*]

The **Pause** property syntax has these parts:

<u>Part</u>	<u>Description</u>
<i>object</i>	An object expression that evaluates to a NewsList object.
<i>boolean</i>	A Boolean expression specifying whether the automatic display of NewsItems is paused, as described in Settings.

Settings

The settings for *boolean* are:

<u>Setting</u>	<u>Description</u>
True	Automatic display of NewsItems is paused. When the time specified by Interval expires, no action is taken.
False	(Default) Automatic display is enabled.

Remarks

Use **Pause** to temporarily “freeze” the display.

About Method

Displays the About box for the control.

Syntax

object.**About**

The *object* placeholder an object expression that evaluates to a **NewsList** object.

Remarks

This is the same as clicking About in the Properties window.

ShowFirst, ShowNext, ShowPrevious, ShowNewsItem Methods

Display the first, next, previous, or specific **NewsItem** in the control's **NewsItems** collection, and make that index the **CurrentNewsItem**.

Syntax

object.{**ShowFirst** | **ShowNext** | **ShowPrevious**}

object.**ShowNewsItem**(*index*)

The **ShowFirst**, **ShowNext**, **ShowPrevious**, and **ShowNewsItem** method syntaxes have these parts:

<u>Part</u>	<u>Description</u>
<i>object</i>	An object expression that evaluates to a NewsList object.
<i>index</i>	Required for ShowNewsItem only. An expression that specifies the position of a member of the collection. If a numeric expression, <i>index</i> must be a number from 1 to the value of the control's NewsItems.Count property. If a string expression, <i>index</i> must correspond to the Key argument specified when the member referred to was added to the collection.

Remarks

If the value provided as *index* doesn't match any existing member of the collection, an error occurs.

The **ShowNext** and **ShowPrevious** methods will "wrap" around respectively to the beginning and end of the **NewsItems** collection. Neither they nor the **ShowFirst** method will return an error if there are no **NewsItems** in the control's collection.

Click Event

Occurs when the user presses and then releases a mouse button over the object.

Syntax

Private Sub *object***_Click([***index As Integer***,]** *controlarea As Integer***)**

The **Click** event syntax has these parts:

<u>Part</u>	<u>Description</u>
<i>object</i>	An object expression that evaluates to a NewsList object.
<i>index</i>	An integer that identifies a control if it is in a control array.
<i>controlarea</i>	An integer that contains a number corresponding to the part of the control that was clicked, as described in Settings, below.

Settings

The settings for *controlarea* are:

<u>Value</u>	<u>Description</u>
0	The underlying control was clicked.
1	The headline area was clicked.
2	The byline area was clicked.
3	The body area was clicked.

Remarks

none.

DbClick Event

Occurs when the user presses and releases a mouse button and then presses and releases it again over an object.

Syntax

Private Sub *object_DbClick*([*index As Integer*,] *controlarea As Integer*)

The **DbClick** event syntax has these parts:

<u>Part</u>	<u>Description</u>
<i>object</i>	An object expression that evaluates to a NewsList object.
<i>index</i>	An integer that identifies a control if it is in a control array.
<i>controlarea</i>	An integer that contains a number corresponding to the part of the control that was double-clicked, as described in Settings, below.

Settings

The settings for *controlarea* are:

<u>Value</u>	<u>Description</u>
0	The underlying control was clicked.
1	The headline area was clicked.
2	The byline area was clicked.
3	The body area was clicked.

Remarks

none.

ShowItem Event

Occurs just after a **NewsItem** is shown.

Syntax

Private Sub *object***_ShowItem**(*[index As Integer,* *headline As String, byline As String, body As String, itemtag As Variant, key As String]***)**

The **ShowItem** event syntax has these parts:

<u>Part</u>	<u>Description</u>
<i>object</i>	An object expression that evaluates to a NewsList object.
<i>index</i>	An integer that identifies a control if it is in a control array.
<i>headline</i>	A string that contains the value of the text just displayed in the <u>headline area</u> of the control.
<i>byline</i>	A string that contains the value of the text just displayed in the <u>byline area</u> of the control.
<i>body</i>	A string that contains the value of the text just displayed in the <u>body area</u> of the control.
<i>itemtag</i>	A variant that contains the value of the ItemTag property of the NewsItem object just shown.
<i>key</i>	A string that contains the value of the unique key of the NewsItem object just shown, or "" if no key was used.

Remarks

none.

NewsItemCollection Object

A **NewsItemCollection** object contains an ordered set of **NewsItem** objects that can be referred to as a unit.

Remarks

Access to this object is provided by the **NewsItems** property.

Although new members added using the **Add** method can only be added to the end, any member can be removed using the **Remove** method. Specific members can be returned from the collection using the **Item** method, while the entire collection can be iterated using the **For Each...Next** statement.

Items from the collection are displayed by calling the **ShowFirst**, **ShowNext**, **ShowPrevious**, and **ShowNewsItem** methods.

Properties

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Methods

[Add](#)

[Clear](#)

[Item](#)

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NewsItem Object

A **NewsItem** object holds a single display's worth of information.

Remarks

none.

Properties

The **NewsItem** object has the following properties:

<u>Property</u>	<u>Description</u>
<i>headline</i>	A string that contains the value of the text to display in the <u>headline area</u> of the control.
<i>byline</i>	A string that contains the value of the text to display in the <u>byline area</u> of the control.
<i>body</i>	A string that contains the value of the text to display in the <u>body area</u> of the control.
<i>itemtag</i>	A variant that contains any extra data needed for your program.
<i>key</i>	A string that contains a value unique to this item in its parent collection, or "".

Runtime Distribution Requirements

LDrive NewsList was compiled using Microsoft Visual Basic 5 (With the Service Pack 3 patch). No additional files other than the VB 5 runtime files are needed. A .DEP file was installed by Setup.

Differences Between the VB5 and VB6 Versions

LDrive NewsList is available in both VB5 and VB6 runtime versions. The control license allows either, or both, versions to be shipped with your products. This page explains the differences between the two.

Note: Either version of the controls can be used with *any* OLE-based hosting environment. The term “Version” refers only to the runtime requirements of the control. VB5-based versions require MSVBVM50.DLL and OLE 2.2+, while VB6-based versions require MSVBVM60.DLL and OLE 2.3+. Information on runtime file versions can be found in the .DEP file shipped with the control.

Distinct GUIDs and ProgIDs

Each version uses its own GUID. VB6 versions of the controls have a “6” appended to the VB5 ProgID. For example, the VB5 version ProgID for **NewsList** is “NewsListLib”, whereas the VB6 version ProgID is “NewsListLib6”. In either version, the control name (in the example, “MsgBox”) remains the same.

Using distinct ProgIDs and GUIDs allows the developer to use either or both controls in a project.

Unique File Names

VB6 versions append a “6” to the control’s file name. For example, the VB6 version of the **NewsList** control is “NewsList6.ocx”.

Common File Versions

File major, minor, and build version numbers (e.g. 1.10.0056) are shared between all versioned builds of the control. This reduces confusion when updating libraries.

Distinct Library Descriptions

VB6 versions of controls are identified in the **Components** and **References** dialogs with a “(VB6)” designator. Version resource information also identifies a VB6 version control.

Separate Distribution Packages

Each package contains version-appropriate help and samples (if available) created with the control included in the package. VB6 shortcuts created by Setup are identified with a “(VB6)” designator.

Known Issues

none.

Registration and Support

For complete information on LDrive software products, including updates, pricing, payment options, and availability visit the LDrive web site at:

<http://www.ldrive.com>

You can also send check or money order along with your name, company, address and e-mail address to:

**LogicDriven Incorporated
49 Alafaya Woods Blvd.
Suite 273
Oviedo, FL 32765**

Don't forget to indicate which LDrive product you are purchasing.

Contact us via e-mail at: **info@ldrive.com**

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