

# StyledText Editor Plugin Guide

*Getting the Most Out of Rich Text Formatting with Image Support*

## Introduction

The StyledText Editor plugin for VisualNeo Win allows you to create beautifully formatted text with full control over fonts, colors, sizes, and styles, plus inline BMP image support with flexible positioning.

## Key Features

- **Text Styles:** Bold, Italic, Underline, Strikethrough
- **Colors:** Full RGB color support with hex codes
- **Font Sizes:** From 8pt to 72pt
- **Font Faces:** 29 professional fonts included
- **Word Wrap:** Toggle for long text
- **Transparent Backgrounds:** Text floats over your publication
- **Multiple Windows:** Create unlimited independent styled text areas
- **Image Support:** Inline BMP images with alignment and sizing
- **Interactive:** onClick events for clickable text windows
- **Clickable Links:** Individual words/phrases can be clickable with onClick tags

# Best Practices

## 1. Choosing the Right Font Size

For body text: 16-20pt, headings: 24-32pt, titles: 36-48pt, fine print: 12-14pt

### Example:

```
<size=28><b>Main Heading</b></size>  
<size=18>Body text goes here for easy reading.</size>  
<size=14><i>Fine print or footnotes</i></size>
```

## Clickable Link Text (NEW!)

Make individual words or phrases clickable within your styled text.

### NEW BBCode Tag:

```
<onClick='SubroutineName'>Clickable Text</onClick>
```

- Multiple independent links in the same text window
- Each link can call the same or different subroutines
- [HyperLinkText] variable contains the clicked text
- Works with all text formatting
- Works with centered text
- No window handle required

### Basic Example:

```
StyledText_Show "50" "50" "400" "200" "#FFFFFF"  
    "<size=24><color=#0000FF><u>  
<onClick='HandleClick'>Click Here</onClick>  
</u></color></size>"  
    "0" "0" "1.2"
```

```
Label "HandleClick"  
Alert "You clicked: [HyperLinkText]"  
Return
```

## Multiple Links Menu:

```
StyledText_Show "50" "50" "500" "300" "#FFFFFF"  
    "<size=28><b>Main Menu</b></size><br/><br/>  
<size=22><color=#0000FF><u>  
<onClick='MenuClick'>New Game</onClick>  
</u></color></size><br/><br/>  
<size=22><color=#0000FF><u>  
<onClick='MenuClick'>Load Game</onClick>  
</u></color></size><br/><br/>  
<size=22><color=#0000FF><u>  
<onClick='MenuClick'>Options</onClick>  
</u></color></size><br/><br/>  
<size=22><color=#0000FF><u>  
<onClick='MenuClick'>Exit</onClick>  
</u></color></size>"  
    "0" "1" "1.2"
```

```
Label "MenuClick"  
If "[HyperLinkText]" "=" "New Game"  
    GoSub "StartNewGame"  
    Return  
EndIf  
If "[HyperLinkText]" "=" "Load Game"  
    GoSub "LoadGameMenu"  
    Return  
EndIf  
If "[HyperLinkText]" "=" "Options"  
    GoSub "ShowOptions"  
    Return  
EndIf  
If "[HyperLinkText]" "=" "Exit"  
    Exit  
EndIf  
Return
```

## Interactive Dialog Boxes:

```
StyledText_Show "100" "200" "400" "300" "#F0F0F0"
    "<size=24><b>Choose an action:</b></size><br/><br/>"
    <size=20><color=#0000FF><u>
    <onClick='DialogAction'>Alert Box</onClick>
    </u></color></size><br/><br/>
    <size=20><color=#0000FF><u>
    <onClick='DialogAction'>File Open Box</onClick>
    </u></color></size><br/><br/>
    <size=20><color=#0000FF><u>
    <onClick='DialogAction'>Folder Box</onClick>
    </u></color></size><br/><br/>
    <size=20><color=#0000FF><u>
    <onClick='DialogAction'>Input Box</onClick>
    </u></color></size>"
    "0" "1" "1.2"

Label "DialogAction"
If "[HyperLinkText]" "=" "Alert Box"
    AlertBox "Alert" "You selected Alert Box"
    Return
EndIf
If "[HyperLinkText]" "=" "File Open Box"
    FileOpenBox "Open File:" "Any File|*.*"
    "[PubDir]" "[Result]" ""
    Return
EndIf
If "[HyperLinkText]" "=" "Folder Box"
    FolderBox "Select a Folder:" "[Result]"
    Return
EndIf
If "[HyperLinkText]" "=" "Input Box"
    InputBox "Input Box" "Enter value:" "[Result]"
EndIf
Return
```

# Commands Reference

## StyledText\_Show

Creates and displays a styled text window.

### Syntax:

```
StyledText_Show "X" "Y" "Width" "Height"  
"BGColor" "Text" "WordWrap" "CenterText" "LineHeight"
```

### Parameters:

1. X: Horizontal position (pixels)
2. Y: Vertical position (pixels)
3. Width: Window width (pixels)
4. Height: Window height (pixels)
5. BGColor: Background color (#RRGGBB) or "transparent"
6. Text: BBCode formatted text
7. WordWrap: "0" for off, "1" for on
8. CenterText: "0" for left, "1" for center
9. LineHeight: Line spacing (e.g. "1.0", "1.2")

## StyledText\_GetHandle

Gets the window handle. Required for onClick window functionality.

### Syntax:

```
StyledText_GetHandle "X" "Y" "Width" "Height"
```

### Parameters:

1. X: Horizontal position (must match Show)
2. Y: Vertical position (must match Show)
3. Width: Window width (must match Show)
4. Height: Window height (must match Show)

**Returns:** Sets [StyledWinHandle] with the window handle

### Example:

```
StyledText_GetHandle "25" "25" "750" "200"  
SetVar "[Win4Handle]" "[StyledWinHandle]"
```

## StyledText\_SetOnClick

Sets up an onClick event for an entire window.

### Syntax:

```
StyledText_SetOnClick "WindowHandle" "SubroutineName"
```

### Complete Example:

```
StyledText_GetHandle "25" "25" "750" "200"  
SetVar "[Win4Handle]" "[StyledWinHandle]"  
  
StyledText_Show "25" "25" "750" "200" "#E0E0E0"  
    "<size=24><b>Click me!</b></size>"  
    "0" "1" "1.2"  
  
StyledText_SetOnClick "[Win4Handle]" "onMouseClicked"  
  
Label "onMouseClicked"  
Alert "You clicked the window!"  
Return
```

## StyledText\_Destroy

Removes a styled text window.

### Syntax:

```
StyledText_Destroy "X" "Y" "Width" "Height"
```

## StyledText\_DestroyHandle

Frees the window handle.

### Syntax:

```
StyledText_DestroyHandle "WindowHandle"
```

## Supported BBCode Tags

| Tag                   | Description   | Example                                     |
|-----------------------|---------------|---------------------------------------------|
| <b>...</b>            | Bold          | <b>Bold</b>                                 |
| <i>...</i>            | Italic        | <i>Italic</i>                               |
| <u>...</u>            | Underline     | <u>Underlined</u>                           |
| <s>...</s>            | Strikethrough | <s>Crossed</s>                              |
| <color=#RRGGBB>       | Color         | <color=#FF0000>Red</color>                  |
| <size=N>...</size>    | Size          | <size=24>Large</size>                       |
| <font=Name>           | Font          | <font=Arial>Arial</font>                    |
| &lt;br/&gt;           | Break         | Line 1&lt;br/&gt;Line 2                     |
| {img}...{/img}        | BMP Image     | {img}[Path]{/img}                           |
| &lt;onClick='Sub'&gt; | Link          | &lt;onClick='Click'&gt;Text&lt;/onClick&gt; |

## Troubleshooting

### **onClick Links Not Working:**

- CRITICAL: Use SINGLE QUOTES: onClick='SubName'
- Verify subroutine exists with correct name
- Ensure tags are properly closed
- Text must match EXACTLY (case-sensitive)

### **StyledText\_GetHandle Error:**

- Requires 4 parameters: "X" "Y" "Width" "Height"
- Must match the Show command coordinates

## Conclusion

The StyledText Editor plugin provides professional typography and image capabilities for VisualNeo Win. With support for inline BMP images, flexible alignment, interactive onClick events, and clickable link text, you can create polished, readable, and visually appealing displays that enhance your publications.

**Plugin Version:** 3.0 (with Clickable Link Text)

**Updated:** December 2024

**Compatible with:** VisualNeo Win

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