More **▼** Create Blog Sign In

Insights and Rants *News and general opinion, often privacy, security or computer related, but could be about anything really, including religion, politics, the environment,*

business or audio books. "Never ascribe to malice, that which can be explained by incompetence/stupidity/neglect." -- Hanlon's Razor

Saturday, October 14, 2023 Clarion Fixer (Part 1): Using the App



controls flat, but *Clarion* insists on using the "Microsoft Sans Serif" font that was introduced in 1997. It looks old, especially since I have already used and discarded *Verdana* and *Tahoma*, for much the same reason. I never liked *Arial* (1982): it shipped with *Windows 3.1* and has been severely over-used. "MS Sans Serif" is a bitmap font from a 1992 version of Windows.

and Replace to fix the Clarion styles and templates. So when I create the app, I don't have to waste time fixing up fonts all over the place. This got me thinking: can't I automate this? Whenever I install new or updated accessories for *Clarion*, I don't want to have to fix up the fonts yet again. Introducing **clFixer**, which is freeware. It's not signed, and some anti-virus engines on VirusTotal think it's a trojan, but I think they are getting false positives. Naturally, it is written with Clarion 11.1, and uses the CapeSoft StringTheory 3 (\$97) and WinEvent 5

(\$169) accessories. If you have those, you can download and modify the code here. The .rar file doesn't contain any exe or dll files. The zip file contains those. If not, you can read the code in the module files. Extract the zip file into a suitable folder to try it out. The code is also available on *GitHub*. The first thing you need to do is make a copy of your Clarion folder, so you can see what changes have been made, and how they work. I have copied mine to "d:\Clarion11.1pe".

🌉 Clarion Fixer File Edit Data Window Help Replacement Actions

```
- - X
Update Application Settings
                GUID: PX6CJ1Q189TQQASJ
        Description: Fix fonts for Clarion
          Root Path: D:\Clarion11.1pe
     File Extensions: \[ \times.inc;\times.clw,\times.txa;\times.dctx;\times.def;\times.equ;\times.tpl;\times.tft;\times.tpw;\times.red;\]
```

Exclude Files: pdfbld41.inc pdfmgr41.*

pdfgrp41.tpw

```
pdftls41.tpl
                      svapi.inc
                      AnyScreen.TPL
                                                                           Cancel
                                                               <u>O</u>K
Click on the ellipse to the right of the "Root Folder" field:
   Update Application Settings
                                                                        _ © X
            Browse For Folder
             Select A File
                   Win10x64.SSD (C:)
                    WatchManager Data.HDD (D:)
                        Clarion11.1pe
```

BACKUP

300 Report font

one of the file name extensions listed.

General Actions

Record Will Be Changed

New Insert △ Change ■ Delete

Folder" and subfolders, matching the file name extensions

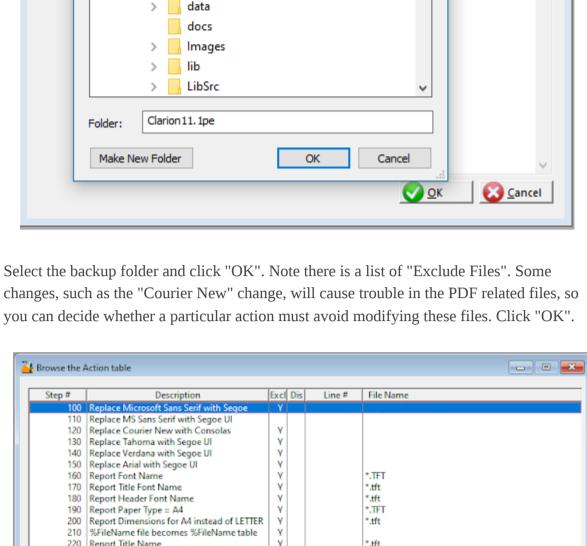
From the "Data" menu, select "Replacement Actions". This is a list of actions to be

performed on the files. All of these replacement actions are performed on files in the "Root

*.inc; *.clw; *.txa; *.dctx; *.def; *.equ; *.tpl; *.tft; *.tpw; *.red;

If you add an action to modify "readme.txt" it will **not** be modified because "*.txt" is not

accessory



New Step No Disable: Description: Replace Microsoft Sans Serif with Segoe Don't apply this action to excluded files 🔽 File Name: <- Leave blank unless you are doing a single replacement in the file listed here

Paste ->

Here is the first and one of the most generic actions. It applies to all files, except a small number on the "Exclude Files" list. Arecord Will Be Changed - - - X New Step No Description: Replace MS Sans Serif with Segoe UI Don't apply this action to excluded files | <- Leave blank unless you are doing a single replacement in the file listed here Line No: Before: MS Sans Serif Paste -> After: Segoe UI Paste -> ✓ OK

Cancel

Can

Don't apply this action to excluded files File Name: ABUTILUI.INC <- Leave blank unless you are doing a single replacement in the file listed here Line No: BUTTON('Mon'), AT (4,48,38,20), USE (?MonthText), SKIP, FONT (Microsoft Sans S' & Before: 'erif',16,,FONT:bold)
BUTTON('Day'),AT(46,48,38,20),USE(?DayText),SKIP,FONT('Microsoft Sans Se' & | Paste ->

'rif', 16,,FONT:bold)
BUTTON("Year), AT (86, 48, 38, 20), USE(?YearText), SKIP, FONT ("Microsoft Sans ' & |

Record Will Be Changed Description: Report Header Font Name

File Name: *.tft

Line No:

Paste ->

Paste ->

more than once.

Record Will Be Changed

Step Id:

Line No:

Appearance

Menu Shortcuts

Fonts Fullscreen Load/Save Task list Output Window **Projects and Solutions**

Coding Text Editor

Clarion Designers

Description: Fix font on UltimateDebug.tpl

File Name: UltimateDebug.tpl

around over 2 lines.

Record Will Be Changed

220

Serif', 16,, FONT: bold)

Description: Fix Microsoft Sans Serif in this file

New Step No

```
%CusReportHeaderFontName=Calibr
     Paste ->
Record Will Be Changed
                                     New Step No
                                                                                                               Disable:
    Description: Version Resource - make it a bit bigge
                                                                                  Don't apply this action to excluded files |
     File Name: | versionres.tpl
```

#DISPLAY Paste -> #DISPLAY, PROP(PROP: FontName, 'Segoe UI') Paste ->

<- Leave blank unless you are doing a single replacement in the file listed here

Sometimes a search and replace across an entire file is not what we had in mind, and can cause havoc. Here is an example. The term "#SHEET,HScroll" appears in multiple places, so I only want to change this specific one. Note that I have included the first part of the next line as well, to prevent the same replacement happening again if the file is scanned

*Note: Restart the IDE to activate Font changes **Running the Changes** 🌉 Main Dashboard Process the Files Files Found: Folders: App Description: Fix fonts for Clarion Root Path: D:\Clarion11.1pe File Extensions: *.inc;*.clw;*.txa;*.dctx;*.def;*.equ;*.tpl;*.tft;*.tpw;*.red; Exclude Files: pdfbld41.inc pdfgrp41.tpw AnyScreen.TPL

ow | abwcus.tpw.bf - ExamDiff Pro, Standard Edition (2-User License) ◆200 | 日日日 | 22 A 4 4 B B B C | 9 C → ◆ | □□□田 22 | 4 4 4 5 5 | 0 □ ◆ | B B B C B C B C B C B C B C B C B B C WENDBOXED

#BOXED('HIDDEN'), HIDE

#BOXED('HIDDEN'), HIDE

#PROMPT('FontName:', 85255), %CusFramewindowFontName, DEFAULT('Segoe UI')

#PROMPT('FontSize:', 85255), %CusFramewindowFontSize, DEFAULT(8)

#PROMPT('FontColor:', 85255), %CusFramewindowFontColor, DEFAULT('')

#PROMPT('Mode:',DROP('Stretched|Tiled|Centered')),%CusFrameBackGroundMode,DEFAULT('Tiled'

#PNOWNY(icon: ',icon('select an icon','icons|*.ico|GIF|*.GIF|JPEG|*.JPG|Bitmap|*.BMP|Pcx|*.PCX|A]]|*.*'))

".bf" added to the end. It's the original file that was renamed, and will still have the original

Once you apply the changes to your working environment, remember that nonce of your existing appls will have changed. Only new forms, reports and apps, and templategenerated items will be affected by these changes.

date on it.

Ln 15, Col 1

Why not just pay *CapeSoft* \$97 for their *AnyFont* product? My main objection is that this product allows the user to make bad font choices, and select something horrible like "Comic Sans". Horrors! Also, fonts have different widths and spacing, and I don't want text in *Verdana* to be truncated because someone is trying to fit it into the space intended for *Arial Narrow*. Legibility is more important than style. and bad) used in this application.

[Clarion Fixer (Part 1): Using the App] [Clarion Fixer (Part 2): The Code] [Change Mode vs View Mode] [Clarion Build Events] [Introducing Clarion FileManager (Part 1)] [Introducing Clarion FileManager (Part 2)]

Logo credits: Toolbox icons created by Roundicons Premium - Flaticon

Home

Post a Comment

[Clarion Resources and Products]

One of my pet peeves with *Clarion* is that the applications it generates by default look like they were written for Windows 95, and not for current versions of Windows. In modern versions of *Windows*, *Microsoft* has "fixed" the old look by making all the buttons and

I want my programs to look like they were written recently, not 30 years ago. My first attempt at fixing the fonts in my application didn't work. I was trying to fix things in the wrong place. But I later discovered that I could use a file utility called *Search*

Exploring clFixer

Run the **clFixer** app, and from the main menu choose "**Data**" -> "Application Settings".

220 Report Title Name 230 Fix Microsoft Sans Serif in this file ABUTILUI.INC 240 Add additional Super Template Images to 17 UltimateDebug.tpl 250 Fix font on UltimateDebug.tpl 260 Version Resource - make it a bit bigger 270 Report changes to Calibri 280 abwizard report font 290 Wizard.tpl report font ABWIZARD.TPL

WIZARD.tpl

pxcdrv*.tpl

Microsoft Sans Serif Paste -> Segoe U

This is even more general because it applies to the excluded files as well as any other file that still mentions "MS Sans Serif". **Specific Actions**

BUTTON('Mon'), AT(4,48,38,20), USE(?MonthText), SKIP, FONT('Segoe UI', 16,, FONT:bold) BUTTON['Day'), AT(46,48,38,20], USE(?DayText), SKIP, FONT('Segoe UI', 16,, FONT:bold)
BUTTON['Year'), AT(86,48,38,20], USE(?YearText), SKIP, FONT('Segoe UI', 16,, FONT:bold) Paste ->

This action is specific to one file, and fixes up a form where the font names wrapped

<- Leave blank unless you are doing a single replacement in the file listed here

New Step No

%CusReportHeaderFontName=Segoe UI

⊘ OK Cancel This action is specific to the TFT extension only. It fixes a general replacement from "Arial" to "Segoe UI" intended for forms, and changes the font to "Calibri" for a setting to do with reports. If you use a wild card like this in the file name, be sure to omit the ";" after the wild card, and use only one file name. The software isn't expecting multiple file names in this field. **Line-Based actions** - - - X < - Leave blank unless you are doing a single replacement in the file listed here Line No: 9 #SHEET,HScroll Before: Paste ->

#SHEET, HScroll, PROP(PROP:FontName, 'Segoue UI'), PROP(PROP:FontSize, 9)

New Step No

✓ OK

Cancel

Can Here is another example of a line-based replacement. You may wish to disable it altogether because your IDE font settings will specify the font anyway if you have them set as follows: Options ♥ Fonts ■ IDE Language

Dialogs

Text Font:

Segoe UI

132 Processed 448 files, 67 files updated. <u>O</u>K From the "Data" menu, select "Main Dashboard" to view all the settings. Then click on "Process the Files" to read the file structure and make the changes. Most of the work is now being done by *StringTheory* and the process is pretty fast. When done, there is a file canned "clFixer.txt" in the root folder, which is automatically opened for you. This lists all the files affected by changes. **Checking the Changes** It's important to check the changes, especially if you have added in new ones. before clFixer saves a changed file it checks to see if a "before" file exists. This is a file with the

#PROMPT(| Con: , stort | Street | Stre Ln 15, Col 1 2,490 lines INS Read-only Edit Plug-in Older 139.5 KB ANSI differences: 20 lines, 35 inline differences in 20 changed lines Here is a file comparison using the ExamDiff Pro utility, but there are others you may prefer. The original file is at the bottom, and the new file is at the top. It's important to do this because you don't want to screw up your actual working environment and have to

In the next part, we will take a look at some of the programming techniques (good **Update 20 October 2023:** Following feedback and further insignts from Geoff Robinson and ClarionHub, the download is updated to version 0.2

Posted by Donn Edwards at <u>6:26 PM</u> MBLIP Labels: CapeSoft, Clarion, clFixer, Fonts, Productivity, StringTheory, WinEvents No comments:

Subscribe to: Post Comments (Atom)

Copyright © 2006-2022 by Donn Edwards. Off-topic or spam comments will be deleted. Powered by Blogger.

Older Post

Learning Clarion (Part 1) Learning Clarion (Part 2) Learning Clarion (Part 3) Learning Clarion (Part 4) Learning Clarion (Part 5) Learning Clarion (Part 6) Learning Clarion (Part 7) Adding Extensions to Clarion Clarion FileManager (Part 1) Clarion FileManager (Part 2) Change Mode vs View Mode Fact-Reviews - defrag web site still under construction Jubilee Evans Art Studio Jargon Free Guide to Computer Security Lookup SA SMS numbers Black and White Inc Lifetime Music Radio, also known as LM Radio

Useful Links

Clarion Resources and Products

Introduction to Clarion 11

Installing Clarion 11 on Windows 10

Getting Started with Clarion (Part 1)

Getting Started with Clarion (Part 2)

Backing up your Clarion Projects

Contact Details

<u>U</u> <u>C</u>lose

OK Cancel

- - X

Disable:

OK Cancel

Don't apply this action to excluded files 🔽

OK Cancel

Disable: 🔽

Don't apply this action to excluded files 🔽

Size:

AaBbCcXxYyZz

- - X

Donn Edwards

vmusic@spamcop.net

instagram as donnedwards

mobile +2783-310-4966 skype: donn_edwards

Contact information is private and confidential. Do NOT use my email address, phone number or mobile number for any marketing purposes, and do

not send me unsolicited marketing messages. You can follow me on Twitter @donnedwards or on