

DOCUMENTATION (Source)

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Project: DWGbatcher

Folder: G:/_PROJ/Ruby/Ruby/Autocad/DWGbatcher/src

Status: 06.01.2011

DWGbatcher.ini 06.01.2011 12:23

DWGbatcher.rb 06.01.2011 12:46

DWGbatcher configuration

DWGbatcher

```
1: # DWGbatcher configuration
2: ---
3: # Program settings
4: settings:
5:   acad: "c:\\Programme\\AutoCAD 2008\\acad.exe"
6:   script: "c:\\temp\\dwgbatcher.scr"
7:   # Delete *.bak (1 = yes, 0 = no)
8:   del_bak: 1
9:   # Show script before execute (1 = yes, 0 = no)
10:  show_script: 1
11: commands:
12:   # ACAD commands, "*dwg*" means drawing name, " " means blank line in script file
13:   # Commands before DWG files
14:   start: ["filedia", "0"]
15:   # Commands with DWG files
16:   cmds: ["_recover", "*dwg*", " ", "imageframe", "0", "zoom", "g", "_qsave"]
17:   # Commands after DWG files
18:   end: ["filedia", "1", "_closeall", "_quit"]
19:
```

```
1: # DWGbatcher
2: #!/usr/bin/env ruby
3: #
4: require 'yaml'
5: require "win32ole"
6: require "fileutils"
7:
8: # Exit while compiling
9: exit if Object.const_defined?(:Ocra)
10:
11: #~ # Configuration
12: def config()
13:     cfile = 'DWGbatcher.ini'
14:     if File.exists?(cfile)
15:         @cfg = YAML.load_file(cfile)
16:         # Settings
17:         @acad = @cfg['settings']['acad']
18:         @script = @cfg['settings']['script']
19:         @del_bak = @cfg['settings']['del_bak']
20:         @show_script = @cfg['settings']['show_script']
21:         @start = @cfg['commands']['start']
22:         @cmds = @cfg['commands']['cmds']
23:         @end = @cfg['commands']['end']
24:     else
25:         puts 'Error loading file ' + cfile
26:     end
27: end
28:
29: config()
30: if ARGV.length != 1
31:
32:     #~ # Select drawings (DWG) folder
33:     shell = WIN32OLE.new("Shell.Application")
34:     folder = shell.BrowseForFolder(0,"Select folder with drawings (*.DWG)",1)
35:     shell = nil
36:     if folder.self.path == nil
37:         puts "Folder is missing."
38:         exit
39:     else
40:         dir = folder.self.path
41:     end
42:
43: else
44:
45:     #~ # Start with folder (first argument)
46:     dir = ARGV[0]
```

```
47:         if !File.exists?(dir)
48:             puts "Folder is missing."
49:             exit
50:         end
51:
52: end
53:
54:
55: File.open(@script, "w+") do |f|
56:     f.puts ";* Folder:\n;#{dir}\n"
57:     Dir.chdir(dir)
58:     #~ # Collect DWG's
59:     dwgs = Dir.glob("*.dwg")
60:     f.puts ";* #{dwgs.length} Drawings (DWG):"
61:     f.puts ";Start script\n"
62:     @start.each { |s| f.puts s }
63:     dwgs.sort.each do |dwg|
64:         @cmds.each do |cmd|
65:             if cmd != "**dwg*"
66:                 f.puts cmd
67:             else
68:                 f.puts dwg
69:             end
70:         end
71:     end
72:     @end.each { |e| f.puts e }
73:     f.puts "\n;End script"
74: end
75:
76: #~ # Start AUTOCAD
77: system("notepad #{@script}") if @show_script == 1
78: system("#{@acad} /b #{@script}")
79:
80: #~ # Delete BAK
81: if @del_bak == 1
82:     Dir.glob("*.bak").each { |bak| File.delete(bak) }
83: end
```