```
use framework "Foundation"
use scripting additions

property pane_ids : {|AppleID|:2, |Family|:3, |Wi-Fi|:5, |Bluetooth|:6,
|Network|:7, |Notifications|:9, |Sound|:10, |Focus|:11, |Screen Time|:12,
|General|:14, |Appearance|:15, |Accessibility|:16, |Control Center|:17, |Siri
& Spotlight|:18, |Privacy & Security|:19, |Desktop & Dock|:21,
|Displays|:22, |Wallpaper|:23, |Screen Saver|:24, |Battery|:25, |Lock
Screen|:27, |Touch ID & Password|:28, |Users & Groups|:29,
|Passwords|:31, |Internet Accounts|:32, |Game Center|:33, |Wallet &
ApplePay|:34, |Keyboard|:36, |Trackpad|:37, |Printers & Scanners|:38,
|Java|:40}

on open_settings_to(settings_pane)
    set pane to current application's NSDictionary's
dictionaryWithDictionary:pane_ids
    set pane_index to (pane's valueForKey:settings_pane) as anything
    tell application "System Settings"
        activate
        delay 1
    end tell
    tell application "System Events"
        tell application process "System Settings"
            tell splitter group 1 of group 1 of window 1
                tell outline 1 of scroll area 1 of group 1
                    if name of static text of UI element 14 = "General"
then
                        select row pane_index
                    else
                        set pane_index to pane_index - 0
                        select row pane_index
                    end if
                end tell
            end tell
        end tell
    end tell
end open_settings_to


on toggle_file_sharing()
    tell application "System Events"
        tell application process "System Settings"
            tell window 1
                tell group 2 of splitter group 1 of group 1
```

```applescript
                              repeat until button 1 of group 3 of scroll area 1 of
group 1 exists
                              end repeat
                              tell button 1 of group 3 of scroll area 1 of group 1
                                    click
                              end tell
                              repeat until checkbox 2 of group 1 of scroll area 1
of group 1 of group 1 exists
                              end repeat
                              set t to checkbox 2 of group 1 of scroll area 1 of
group 1 of group 1
                              set v to value of t
                              tell checkbox 2 of group 1 of scroll area 1 of group 1
of group 1
                                    if v = 0 then
                                          click
                                    end if
                              end tell
                              set t to checkbox 3 of group 1 of scroll area 1 of
group 1 of group 1
                              set v to value of t
                              tell checkbox 3 of group 1 of scroll area 1 of group 1
of group 1
                                    if v = 0 then
                                          click
                                    end if
                              end tell
                              set t to checkbox 5 of group 1 of scroll area 1 of
group 1 of group 1
                              set v to value of t
                              tell checkbox 5 of group 1 of scroll area 1 of group 1
of group 1
                                    if v = 0 then
                                          click
                                    end if
                              end tell
                        end tell
                  end tell
            end tell
      end tell
end toggle_file_sharing

on run {}
      open_settings_to("General")
```

```
        toggle_file_sharing()
        quit application "System Settings"
end run
```