

Good PKG  
Gone **BAD**

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# WARNING:



**franton** 🇬🇧 7:34 PM

meant to ask ... you want to review slide deck before going live?



**macmule** ⌘ 7:37 PM

Haha. Nope.

You bring your own rope fella. :) (edited)

## Welcomed by XWorld

(they asked me to tone down the language somewhat)



# Packaging Commandments

- ✦ <https://www.afp548.com/2010/06/03/the-commandments-of-packaging-in-os-x/>
- ✦ The PKG could be installed from anywhere to anywhere.
- ✦ Unnecessary actions are unnecessary.
- ✦ Let the Admin manage the licensing!
- ✦ Use pre/post-install scripts only when necessary
- ✦ Be true to the Operating System.
- ✦ Naming Conventions GOOD.





Beastly BASH



# SCR3500 Smartcard Driver

- ✧ Not signed
- ✧ “echo”ing out lines of a plist
- ✧ Doesn't know what links are
- ✧ And the device works without the driver

```
#!/bin/bash

# postinstall and postupgrade script need to
# be identical.
# If you modify this script, please
# synchronize with the other one.

# Description:
# This script generates a single driver bundle
# with all the supported VID PID
# for Mac 10.5.x OSes and later.
# For Mac 10.4.x OS and before, for each VID
# PID a separate driver bundle
# is generated.
# This script assumes that the driver binary
# (libscmccid) will be copied by the
# PackageMaker at /usr/local/scm/ini location.
# This script temporarily generates
# Bundle.txt, Header.txt, Vid.txt, Pid.txt,
# Name.txt and Footer.txt files at /usr/local/
# scm/ini location for generating
# driver bundle(s) and later removes them.

# For every new version of the driver,
# Change the CFBundleVersion value in the
# CreateHeaderFile ().
```



Fial Score

PKG Idiocy Level



Admin Distress



Bonus Points



Grand Total







Irascible Installation



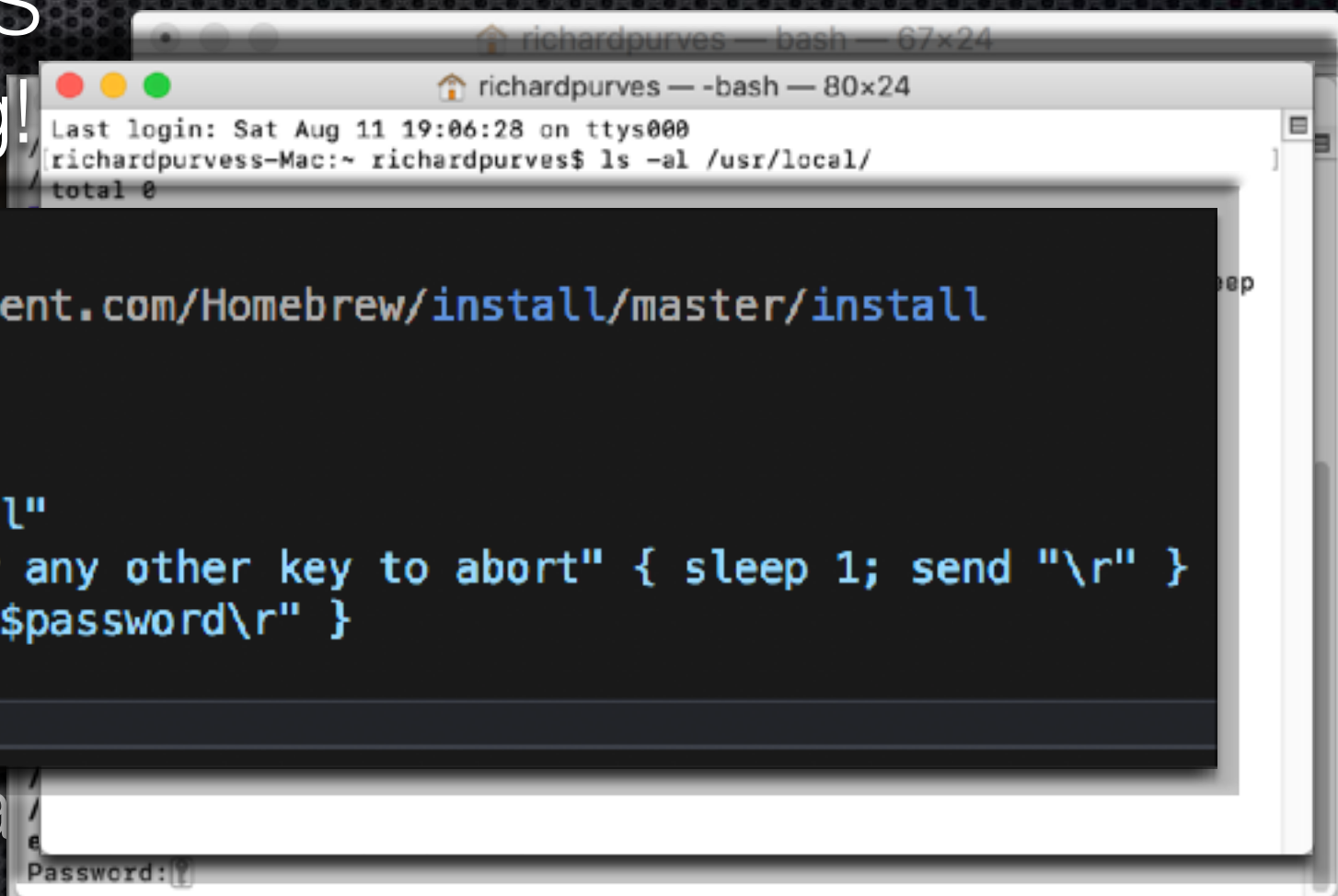
# Homebrew

- ✱ DON'T MAKE ME MESS WITH EXPECT scripting!

- ✱ Script won't run as root

```
# Homebrew ( needs admin password )
curl -fsSL0 https://raw.githubusercontent.com/Homebrew/install/master/install
chmod +x /tmp/install
expect << EOD
set timeout -1
spawn su -l "$account" -c "/tmp/install"
expect — "Press RETURN to continue or any other key to abort" { sleep 1; send "\r" }
expect — "Password" { sleep 1; send "$password\r" }
expect eof
EOD
```

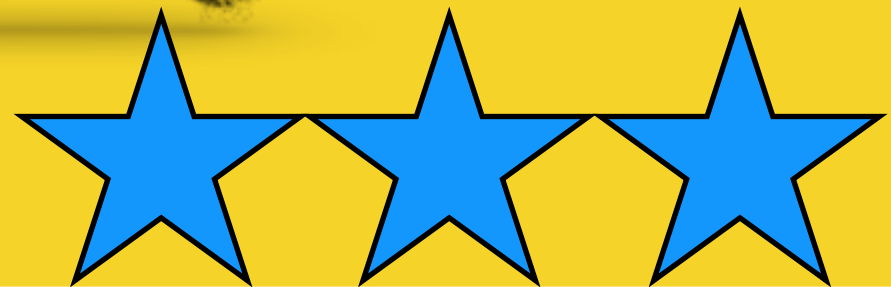
permissions to lock to a  
single user account





Fail Score

PKG Idiocy Level



Admin Distress



Bonus Points



Grand Total







Detestable Deployment



# Woodwing Smart Connection for Adobe CC

Oh God, there's a `osascript` that calls `do shell script` that calls `find` in the installation script.

Oh, AND the installation yanks built-in plugins for InCopy and InDesign, which *can and does* prevent upgrades to those programs from succeeding.

**franton** 🇬🇧 8:40 PM

The install script only works when run from the directory where it's installed

Oh, and note it installs nothing by default

No `choices` are enabled

So this would be a non-starter in every software update system short of Munki

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So if you ever see a `Plug-Outs` folder...

**franton** 🇬🇧 8:42 PM

don't delete it?



Those are the built-in plugins that the installer moves out of the way.



# Woodwing Smart Connection for Adobe CC

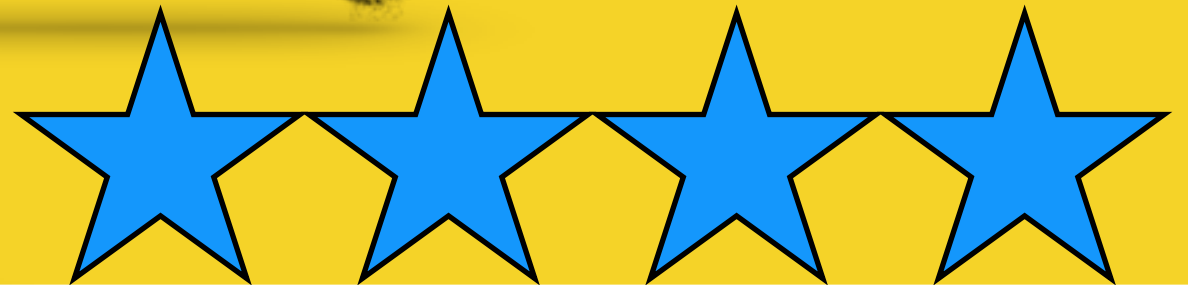
... and that's the old version.

New version released  
5th September 2018  
is even worse ...

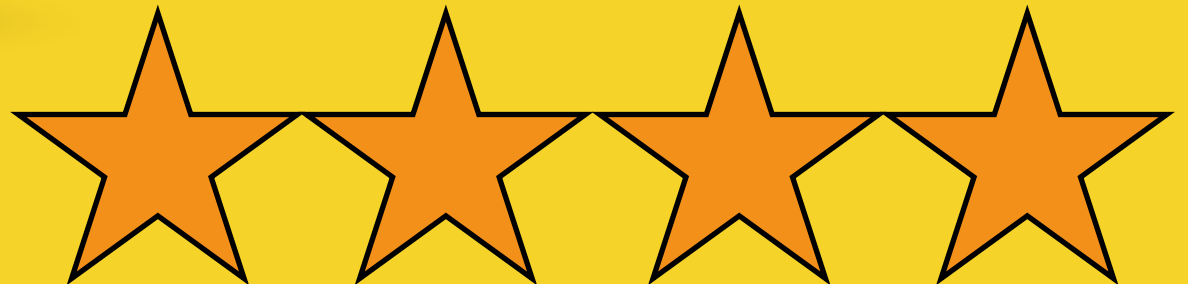


Fail Score

PKG Idiocy Level



Admin Distress



Bonus Points



Grand Total







Malignant Mentions



# Dishonourable Mentions

- ✦ **Egnyte Desktop Sync**

- ✦ Random deletion of folders inside user home

- ✦ **Lego Mindstorms NXT**

- ✦ Unsigned Kext in /System/Extensions

- ✦ **YO**  
F.A.Q.

 [Download VISE X for Mac OS X](#)

 [What's new in version 5.1?](#)

- ✦ No longer using versioning like “Prince's Hair in Purple Rain”

## WHY IS THIS STILL A THING???

- ✦ **Anything that uses .app instead of .pkg**

- ✦ Sophos, Java, Endnote, various malware ...



# Announcement



Any Questions?