



Complete re-install of MacPorts

John Pritchard - 2024-09-24 - Comments (0) - Data processing and analysis software resources

The official guide to migrating/updating MacPorts after a major macOS upgrade is described here:

<https://trac.macports.org/wiki/Migration>

Alternatively the following represents a step-by-step guide to making a complete reinstall.

First make sure you are using the bash shell:

```
bash
```

The following command creates a list of all the packages you requested in your current installation, which you can use after re-installing the MacPorts system to re-install all those packages again. If you prefer to start over from a fresh MacPorts installation, you don't need to do this:

```
/opt/local/bin/port list requested | awk '{print $1}' | sort -u >
$HOME/requested_ports.txt
```

The command above may fail depending on the “compatibility” of the “old” MacPorts installation under the new macOS installation, ideally it should be done before upgrading the OS.

Next do:

```
sudo chflags -R noschg,nouchg \
    /opt/local/ \
    /Applications/MacPorts
sudo rm -fr \
    /opt/local/ \
    /Applications/MacPorts \
    /Library/LaunchAgents/org.macports* \
    /Library/LaunchDaemons/org.macports.* \
    /Library/Java/JavaVirtualMachines/openjdk* \
    /Applications/DarwinPorts \
    /Library/Receipts/DarwinPorts*.pkg \
    /Library/Receipts/MacPorts*.pkg \
    /Library/StartupItems/DarwinPortsStartup \
```

```
/Library/Tcl/darwinports1.0 \  
/Library/Tcl/macports1.0 \  
/Library/LaunchDaemons/org.freedesktop.dbus.*.plist \  
~/macports  
rm ~/.macports
```

It may be necessary to remove /opt/local with the Finder.

Now reinstall with:

```
cd /tmp  
OSname=$(sw_vers -productVersion | sed \  
-e 's/^15\..*/Sequoia/' \  
-e 's/^14\..*/Sonoma/' \  
-e 's/^13\..*/Ventura/' \  
-e 's/^12\..*/Monterey/' \  
-e 's/^11\..*/BigSur/' \  
-e 's/^10\..15\..*/Catalina/' \  
-e 's/^10\..14\..*/Mojave/' \  
-e 's/^10\..13\..*/HighSierra/' \  
-e 's/^10\..12\..*/Sierra/' \  
-e 's/^10\..11\..*/ElCapitan/' \  
-e 's/^10\..10\..*/Yosemite/' \  
-e 's/^10\..9\..*/Mavericks/' \  
-e 's/^10\..8\..*/MountainLion/' \  
-e 's/^10\..7\..*/Lion/' \  
-e 's/^10\..6\..*/SnowLeopard/' \  
-e 's/^10\..5\..*/Leopard/' \  
-e 's/^10\..4\..*/Tiger/' \  
-e 's/^10\..3\..*/Panther/' \  
-e 's/^10\..2\..*/Jaguar/' \  
-e 's/^10\..1\..*/Puma/' \  
-e 's/^10\..0\..*/Cheetah/' \  
)
```

And then

```
MPpkg=$(curl -s  
https://api.github.com/repos/macports/macports-base/releases \  
| grep browser_download_url.*${OSname}.pkg" \  
| egrep -v '\-rc[0-9]*\-'|\-beta[0-9]*\-' \  
| head -n 1 | awk '{print $2}' | sed -e 's/"//g' \  
)  
curl -LO ${MPpkg}  
sudo installer -pkg $(basename "${MPpkg}") -target /.
```

```
sudo /opt/local/bin/port selfupdate
```

Then to install the ESO MacPorts Repository:

```
curl -O
```

```
ftp://ftp.eso.org/pub/dfs/pipelines/repositories/stable/macports/setup/Portfile
```

```
sudo /opt/local/bin/port install
```

```
sudo /opt/local/bin/port sync
```

Then to re-install all the packages you had before:

```
sudo /opt/local/bin/port install $(cat $HOME/requested_ports.txt)
```

Tags

macOS

MacPorts