Complete re-install of MacPorts

John Pritchard - 2023-03-21 - 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 resents a step-by-step guide to make 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 /Applications/DarwinPorts /Library/LaunchAgents//Library/LaunchDaemons /Library/Java
```

```
/Library/JavaVirtualMachines/openjdk*.*/Applications/DarwinPorts
```

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

Now reinstall with:

```bash
cd /tmp
OSname=$(sw_vers -productVersion | sed
   -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\.[10]\..*/Mavericks/' \
   -e 's/^10\.[10]\..*/MountainLion/' \
   -e 's/^10\.[10]\..*/Lion/' \
   -e 's/^10\.[10]\..*/SnowLeopard/' \
   -e 's/^10\.[10]\..*/Leopard/' \
   -e 's/^10\.[10]\..*/Tiger/' \
   -e 's/^10\.[10]\..*/Panther/' \
   -e 's/^10\.[10]\..*/Jaguar/' \
   -e 's/^10\.[10]\..*/Puma/' \
   -e 's/^10\.[0]\..*/Cheetah/' \
)

And then

MPpkg=$(curl -s
   | grep browser_download_url.*${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:

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