Complete re-install of MacPorts

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

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

Alternatively the following presents 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 \ /
/opt/local/ \ /Applications/MacPorts \ /Library/LaunchAgents/org.macports* \ /Library/LaunchDaemons/org.macports.* \ /Library/Java/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\..*/Catalina/' 
  -e 's/^10\..*/Mojave/' 
  -e 's/^10\..*/HighSierra/' 
  -e 's/^10\..*/Sierra/' 
  -e 's/^10\..*/ElCapitan/' 
  -e 's/^10\..*/Yosemite/' 
  -e 's/^10\..*/Mavericks/' 
  -e 's/^10\..*/MountainLion/' 
  -e 's/^10\..*/Lion/' 
  -e 's/^10\..*/SnowLeopard/' 
  -e 's/^10\..*/Leopard/' 
  -e 's/^10\..*/Tiger/' 
  -e 's/^10\..*/Panther/' 
  -e 's/^10\..*/Jaguar/' 
  -e 's/^10\..*/Puma/' 
  -e 's/^10\..*/Cheetah/' 
)

And then

```bash
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:

curl -O
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