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](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 \ 
/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:

```sh
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\10\..*/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:

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