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 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/^27\..*/GoldenGate/' \
    -e 's/^26\..*/Tahoe/' \
    -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)
```

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