

# Hedgehog Upgrade Guide: 2.1.0 to 2.1.1

This document describes how to upgrade a server from release 2.1.0 to release 2.1.1 of Hedgehog via packages.

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## Back up the old installation

If desired, back up the existing installation (the directory structure in the User Guide is a useful reference) and database.

## 1. Pre-installation

### 1.2 Cron jobs

Stop refile and grok cron job running:

```
sudo -u hedgegho crontab -e
# Import XML data every 15 mins
00,15,30,45 * * * * <prefix>/bin/refile_and_grok.sh -c >>
/var/log/hedgehog/refile_and_grok_xml_to_db.sh.log 2>&1
```

Comment out any other jobs that are about to run. If the dsc-extractor process is running wait for it to finish before continuing.

### 1.3 Disable web front end

It is recommended to disable the web front end during upgrade e.g by enabling a holding page.

#### Source install vs Package install:

- If 2.1.0 was installed from source, perform steps 2 and 4.
- If 2.1.0 was installed from packages, perform steps 3 and 4.

## 2. Installation of packages

### 2.1 Install packages

- Refer to section 2.1 of the 'Hedgehog Installation Guide' to install the required packages.

### 2.3 Cater for different directory structure

Installing from a package places some files in a different directory structure compared to installing from code.

- **Data** - if it is desired to retain existing data (XML files, cached plots and RSSAC reports) then the existing *<prefix>/var/hedgehog* dir ectory should be copied or linked (e.g. symbolically or via re-mounting) to the new location shown below
  - If this is not required then simply run the */usr/bin/hedgehogctl database\_update\_nodes* script again to create the directory structure for upload of XML data in the new location AFTER completing step 2.1

- **Tools and scripts** - those installed via source under *<prefix>* in *bin* and *libexec/hedgehog* are installed by the packages under */usr/* as shown below. Update any cron jobs or scripts accordingly.

| Source location                             | Package location                                 | Contents  |
|---|--|---|
| <i>&lt;prefix&gt;/etc/hedgehog/</i>         | <i>/etc/hedgehog/</i>                            | Hedgehog configuration files (yaml and nodes)   |
| <i>&lt;prefix&gt;/etc/hedgehog/*.sample</i> | <i>/usr/share/doc/hedgehog/examples/*.sample</i> | Sample Hedgehog configuration files   |
| <i>&lt;prefix&gt;/var/hedgehog/</i>         | <i>/var/lib/hedgehog/</i>                        | 'data' directory containing XML data<br>'www' directory containing cached plots and rssac reports |
| <i>&lt;prefix&gt;/bin/hedgehogctl</i>       | <i>/usr/bin/hedgehogctl</i>                      | Wrapper script for Hedgehog tools   |
| <i>&lt;prefix&gt;/bin/refile_and_grok</i>   | <i>/usr/bin/refile_and_grok</i>                  | refile_and_grok script  |
| <i>&lt;prefix&gt;/libexec/hedgehog/</i>     | <i>/usr/lib/hedgehog/</i>                        | Hedgehog tools scripts and DDL updates  |

### 3. Upgrade of Packages

```
sudo apt-get update
sudo apt-get upgrade
```

## 4. Post-install

### 4.1 Test web front end

Re-enable and test the web front end. Make sure to restart apache.

```
sudo service apache2 reload
```

### 4.2 Re-enable cron jobs

Remember to use the new script locations when re-enabling the cron jobs when upgrading from source.

Restart refile and grok cron job running:

```
sudo -u hedgehog crontab -e
# Import XML data every 15 mins
00,15,30,45 * * * * /usr/bin/refile_and_grok -c >>
/var/log/hedgehog/refile_and_grok_xml_to_db.log 2>&1
```

Re-enable any other jobs that were disabled for the upgrade.