Hedgehog Upgrade Guide: 2.1.0 to 2.1.1 (source to package)

This document describes how to upgrade a server from release 2.1.0 (which was installed from source) to release 2.1.1 of Hedgehog via packages.

> Official support from installation from source is discontinued from 2.1.1

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.

2. Installation

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* directory 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
<prefix>/etc/hedgehog/	/etc/hedgehog/	Hedgehog configuration files (yaml and nodes)
<prefix>/etc/hedgehog/*.sample	/usr/share/doc/hedgehog/examples/*.sample	Sample Hedgehog configuration files
<prefix>/var/hedgehog/	/var/lib/hedgehog/	'data' directory containing XML data 'www' directory containing cached plots and rssac reports
<prefix>/bin/hedgehogctl	/usr/bin/hedgehogctl	Wrapper script for Hedgehog tools
<prefix>/bin/refile_and_grok	/usr/bin/refile_and_grok	refile_and_grok script
<prefix>/libexec/hedgehog/	/usr/lib/hedgehog/	Hedgehog tools scripts and DDL updates

3. Post-install

3.1 Test web front end

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

```
sudo service apache2 reload
```

3.2 Re-enable cron jobs

> Remember to use the new script locations when re-enabling the cron jobs

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.