

## 24 Manual Installation of AWIPS Freeware

Follow the steps below as user `root` to manually install the AWIPS freeware using RPM's. The first step uninstalls Postgres and Perl using "`rpm`" and the file list from the previous WES8.2 installation. The subsequent steps use "`rpm`" to update all the AWIPS-provided freeware. Note that many of the Postgres RPMs are changing from OB8.2 to OB8.3.

1. Log in as `root`.
2. Uninstall Postgres. Change directory to `/usr/local/postgres`, and run the following commands in order to uninstall each Postgres file:

```
# rpm -e <filename> (where <filename> is one of the following)
```

- postgresql-contrib
- postgresql-devel
- postgresql-docs
- postgresql-jdbc
- postgresql-pl
- postgresql-python
- postgresql-tcl
- postgresql-test
- postgresql-server
- postgresql
- postgresql-libs

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**Note:** If you happen to encounter failed dependencies in uninstalling Postgres, uninstall the failed dependencies first, then try to uninstall Postgres again.

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3. Uninstall Perl. Change directory to `/usr/local/perl`, and run the following commands in order to uninstall for each Perl file:

```
# rpm -e <filename> (where <filename> is one of the following)
```

- perl-AppConfig

- perl-ChartDirector
- perl-DBD-Pg
- perl-DBI
- perl-netcdf
- perl-SignalHandler
- perl-tk
- perl-XML-Generator
- perl-XML-Simple

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**Note:** If you happen to encounter failed dependencies in uninstalling Perl, uninstall the failed dependencies first, then try to uninstall Perl again.

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4. The next step will be to update the freeware using “rpm”. Run the commands below (steps 5-**Error! Reference source not found.**) for each RPM file separately so that you know why the RPM fails to install for that file and what dependent RPM it needs. If you try to run as `rpm -Uhv *.rpm` for all the RPM files in the directory, then if one RPM file fails to install because of dependencies, it will exit out of the command without installing the subsequent RPM's.
5. Change directory to `/usr/local/freeware` and run the following command for each postgres RPM file in the `/usr/local/freeware` directory, starting with the OB83 file first:
 

e.g. `rpm -Uhv postgresql-8.2.6-1.AWIPS.OB83.i686.rpm`

e.g. `rpm -Uhv postgresql-libs-7.4.8.c1-1.REL4.2.AWIPS.OB7.i386.rpm`
6. Change directory to `/usr/local/freeware` and run the following command for each remaining RPM file in the `/usr/local/freeware` directory:
 

e.g. `rpm -Uhv <filename>.rpm`