**findAdamGfeFile.sh**[**¶**](https://collaborate.nws.noaa.gov/trac/ncladt/wiki/AppFindGfeFile#findAdamGfeFile.sh)

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**Description**[**¶**](https://collaborate.nws.noaa.gov/trac/ncladt/wiki/AppFindGfeFile#Description)

This is a simple utility script to search for GFE files on Adam. It searches for BASE files in the cave install directory, for SITE/user files in the edex utility directory and the working copy of the ladroot/gfe repository directory. This is mainly an example, so edit as needed to work on your system.

**Source Code**[**¶**](https://collaborate.nws.noaa.gov/trac/ncladt/wiki/AppFindGfeFile#SourceCode)

* [Browse code](https://collaborate.nws.noaa.gov/trac/ncladt/browser/ncladt/trunk/gfe/applications/findAdamGfeFile)
* Subversion:
* svn checkout https://collaborate.nws.noaa.gov/svn/ncladt/trunk/gfe/applications/findAdamGfeFile

**Documentation**[**¶**](https://collaborate.nws.noaa.gov/trac/ncladt/wiki/AppFindGfeFile#Documentation)

Please see comments in the script.

**Installation**[**¶**](https://collaborate.nws.noaa.gov/trac/ncladt/wiki/AppFindGfeFile#Installation)

This module is normally installed in /localapps/runtime/bin on Adam:

cd /localapps/runtime/bin

svn export https://collaborate.nws.noaa.gov/svn/ncladt/trunk/gfe/applications/findAdamGfeFile/trunk/findAdamGfeFile.sh

chmod +x findAdamGfeFile.sh

You may have to edit the location of the working copy of the ladroot/gfe directory on your ADAM.

**Usage**[**¶**](https://collaborate.nws.noaa.gov/trac/ncladt/wiki/AppFindGfeFile#Usage)

Just supply a file name pattern to search for. In general, your pattern should always include a "\*" at the end to match different extensions and site ID tags. The pattern also needs to be enclosed in quotes to prevent argument filename expansion:

findAdamGfeFile.sh "\*Haines\*"

Since you may be running this command a lot, set up an alias in your .bashrc or .cshrc file to make an easy to type shortcut:

sh: alias F=/localapps/runtime/bin/findAdamGfeFile.sh

csh: alias F /localapps/runtime/bin/findAdamGfeFile.sh

So now you can just run:

F "\*Haines\*"

If there are matches in the repository, remember to first look at versions in tags. Run svn log on the file to check for comments that the file has actually been ported.

If you find that one of your tools is already in the repository or has been baselined, you will want to compare your site's version to the found version to see what local changes may have been made. A visual diff program will help greatly with this. I highly recommend using the [tkdiff](http://sourceforge.net/projects/tkdiff/) program since it has a nice GUI to merge individual changes found between the versions and can be used with Subversion working copies. Other visual diff programs can also be used like the KDE kompare program.