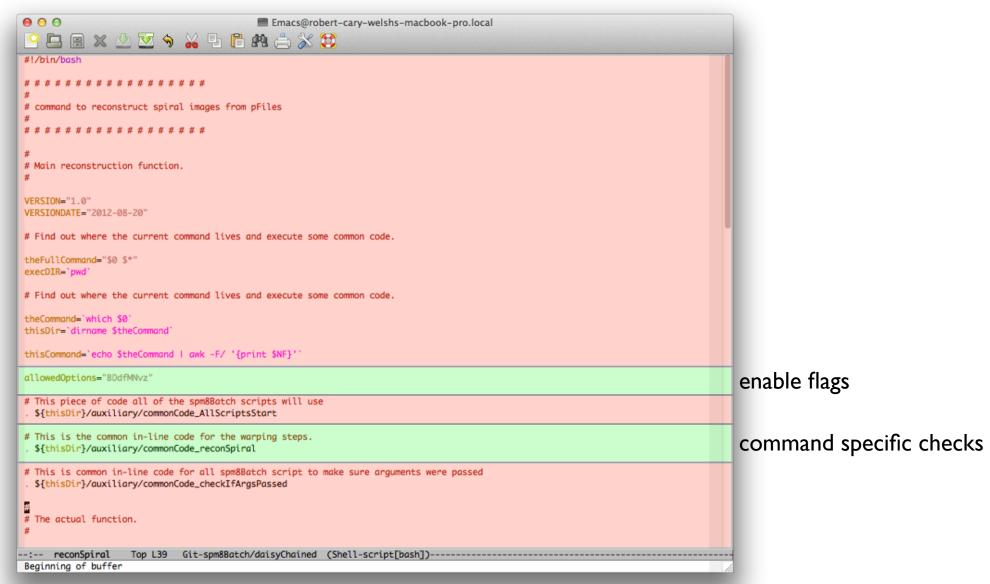
In general you will focus on writing your algorithm as most of the bash wrapper functionality is already provided.

A command in the spm8Batch suite will write a bash script in the path matlabScripts/spm8Batch/[command]/ [year_month], as well as any supporting ".m" file.

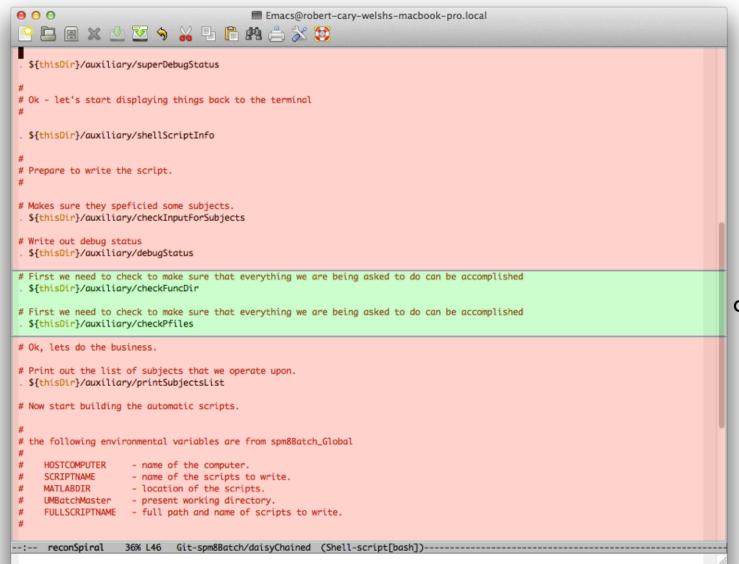
The names of these files are automatically generated by the wrapper code.

The process is then launched into either background (default) or into the foreground ('-B' flag)



Code highlighted in red is standard code that all modules needs. Code in green is the command specific code.

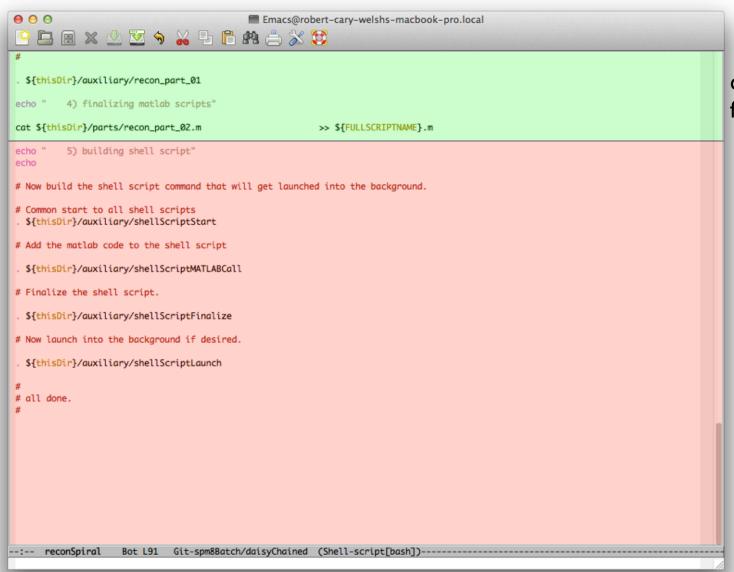
rcwelsh@med.umich.edu



command specific checks

Code highlighted in red is standard code that all modules needs. Code in green is the command specific code.

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command specific code for building scripts

Code highlighted in red is standard code that all modules needs. Code in green is the command specific code.

rcwelsh@med.umich.edu

To build a module you need the following:

[module] -- written in bash, but no '.sh'

```
auxiliary/initialize_[module]
auxiliary/help/[module]_Help
auxiliary/help/help_[module]_options
```

Environmental Variables:

UMSTREAM_STATUS_FILE - if this variable is defined then abort status will be written. if the file does not exist or is empty then the command was successful.

This is passed into matlab processing and is a global variable known as UMBatchStatusFile

```
Dependencies/reconSpiral
    reconSpiral
    auxiliary/commonCode reconSpiral
    auxiliarychecReconParts
    auxiliary/initialization reconSpiral
    auxiliary/checkFuncDir
    auxiliary/checkPfiles
    auxiliary/recon part 01
    parts/recon part 01.m
    parts/recon part 02.m
    help/help reconSpiral_Options
    help/reconSpiral Help
    matlabScripts/UMBatchRecon.m
```