

Initializing spm8 Batch

A command line command to drive batch processing to segment the 'SPGR' to the standard template. This code will use SPM8 batch mode.

The 'segHiRes' command builds a script in the directory:

matlabScripts/spm8Batch/segHiRes/YYYY_MM directory

directly below the current directory and will launch this script in background. The names of the matlab and shell scripts will be in the format of :

segHiRes_yymmdd_HH_MM_[USER]_[COMPUTER].m and
segHiRes_yymmdd_HH_MM_[USER]_[COMPUTER].sh

where yymmdd is the date and HH_MM is the time.

This script is expecting to find the necessary components in the directory structure of :

```
yymmddLF/                                (subject directory)
  anatomy/
  func/
    coReg/
    run_XX/
```

Usage:

segHiRes [OPTIONS] [subject_1] [subject_2] ... [subject_N]

Options

Key Parameter	Description
-d	enable debug flag.
-D	enable super debug flag.
-f sub-directory	set relative path functional directory, default=func
-h HiResName	name of high resolution file, default is 'eht1spgr'
-M SUBJECTMASTER	set the directory to scan for subjects, default is Subjects/
-t	enable testing flag, script will be built but not run.
-T TEMPLATENAME	set the template to use for normalization, you can specify relative to /net/dysthymia//spm8/template
+s/, or.	specify an absolute directory path. default is /net/dysthymia//spm8/templates//T1.nii
-U user-email	set the user name for email notification, default is "rcwelsh" of present shell.
-w sub-directory	set coregistration path under func, default=coReg

e.g.

To segment the 'whet1spgr' :

segHiRes -f func/MSIT 050126zz

Current command default configuration is:

```
directory to coreg      : func//coReg/
name of the high res    : ehtlspgr

functional images path  : func/
Subject directory       : Subjects/

spm8 is located in      : /net/dysthymia//spm8
spm8Batch is located in : /net/dysthymia//spm8Batch
spm8 patch is located in : /net/dysthymia//spm8Batch/matlabScripts
auxillary matlab path   : /net/dysthymia//spm8Batch/spm8_patch

User                    : rcwelsh
MATLAB                  : /net/misc/matlab2007b/bin/matlab

SANDBOXHOST             : dysthymia
SANDBOX                 : /dysthymia/sandbox/
SANDBOXPID              :
```

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