Makefile Documentation

Documenting makefiles: `ASL.mk`, `Flex.mk`

May 23, 2016

Contents

1 Targets

Variable	Definition & Description	File
Flex	Identify wm hyperintesities	Flex.mk
PCASL	Make the pcasl registrations (fnirt and ANTs)	ASL.mk
PCASL-QA	Make the pcasl QA images	ASL.mk
PCASL-all	Make both the pcasl registrations and QA images	ASL.mk

2 Variables

Variable	Definition & Description	File
FLEXPATH	`$(BIN)/wmprogram/sb/cross_platform/scripts` No comment supplied.	Flex.mk
SBBINDIR	`$(BIN)/wmprogram/sb/linux` No comment supplied.	Flex.mk
T1	`$(SubjDIR)/mprage/T1_brain.nii.gz` Subject-specific T1 to register to	ASL.mk

3 Intermediate Files

`.PHONY` : (`ASL.mk`) No comment supplied.

`.PHONY` : (`Flex.mk`) No comment supplied.

`QA/images/checkflex.gif` : (`Flex.mk`) No comment supplied.

`flair/Flair_RO.nii.gz` : (`Flex.mk`) No comment supplied.

`flair/Flair_brain.hdr` : (`Flex.mk`) No comment supplied.

`flair/Flair_brain_flwmt_lesions.hdr` : (`Flex.mk`) No comment supplied.

`flair/Flair_restore.nii.gz` : (`Flex.mk`) No comment supplied.

`flair/Flair_scaled.nii.gz` : (`Flex.mk`) No comment supplied.

`flair/Flair_wmh_mask.nii.gz` : (`Flex.mk`) No comment supplied.

`flair/wmhstats.csv` : (`Flex.mk`) No comment supplied.

`pcasl/PCASL_M0_%_to_T1_ANTs.nii.gz` : (`ASL.mk`) Register M0 to T1 using ANTs

`pcasl/PCASL_M0_%_to_T1_fnirt.nii.gz` : (`ASL.mk`) Register M0 to T1 using fnirt

`pcasl/PCASL_M0_brain.nii.gz` : (`ASL.mk`) Apply the brainmask to the 4d nifti

`pcasl/PCASL_M0_brain_avg.nii.gz` : (`ASL.mk`) The average image of the motion-corrected, skull-stripped file.

`pcasl/PCASL_M0_brain_vol0.nii.gz` : (`ASL.mk`) The first TR of the motion-corrected, skull-stripped file

`pcasl/PCASL_M0_brainmask.nii.gz` : (`ASL.mk`) Extract a binarized brainmask

`pcasl/PCASL_M0_mcf.nii.gz` : (`ASL.mk`) Motion correct using mcflirt

`pcasl/QA/overlay_%.gif` : (`ASL.mk`) No comment supplied.

`pcasl/QA/slices_%.gif` : (`ASL.mk`) No comment supplied.