

Makefile Documentation

May 20, 2016

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

1 Targets

TARGET	Description	File
PCASL-all	Make both the pcasl registrations and QA images	ASL.mk
PCASL	Make the pcasl registrations (fnirt and ANTs)	ASL.mk

2 Variables

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

3 Intermediate Files

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

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

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

`flair/Flair_R0.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.

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

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

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

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

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

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

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

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

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

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