

Makefile Documentation

Documenting makefiles: ASL.mk, Flex.mk

May 24, 2016

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1 Targets

Target	Definition & Description	File
Flex	Identify wm hyperintensities	Flex.mk
PCASL	Make the pcasl registrations (fniirt 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_R0.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.

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