# initialize GLOBAL and PROJECT vars

# caller should have set $GLOBAL\_SCRIPT\_DIR

# requires ($1): full path of PROJECTS dir

if [ -z $GLOBAL\_SCRIPT\_DIR ] then

echo "GLOBAL\_SCRIPT\_DIR not defined.....exiting"; fi

if [ $# -eq 0 ]; then

echo "PROJ\_DIR not defined....exiting"

echo "usage: /path\_to\_scriptdir/init\_vars.sh /...../proj\_path"

exit

else

if [ ! -d $1 ]; then

echo "PROJ\_DIR ($1) do not exist, please verify!...exiting"

exit

fi

PROJ\_DIR=$1

PROJ\_NAME=$(basename $1)

INIT\_VARS\_DEFINED="1"

fi

GLOBAL\_GROUP\_SCRIPT\_DIR=$GLOBAL\_SCRIPT\_DIR/process\_group

GLOBAL\_SUBJECT\_SCRIPT\_DIR=$GLOBAL\_SCRIPT\_DIR/process\_subject

GLOBAL\_GLM\_SCRIPT\_DIR=$GLOBAL\_SCRIPT\_DIR/glm

GLOBAL\_DATA\_TEMPLATES=$GLOBAL\_SCRIPT\_DIR/data\_templates

MULTICORE\_SCRIPT\_DIR=$GLOBAL\_SCRIPT\_DIR/multicore\_scripting

FSL\_BINS=$FSLDIR/bin

FSL\_DATA\_STANDARD=$FSLDIR/data/standard

FSL\_STANDARD\_MNI\_2mm=$FSL\_DATA\_STANDARD/MNI152\_T1\_2mm\_brain.nii.gz

FSL\_STANDARD\_MNI\_4mm=$GLOBAL\_DATA\_TEMPLATES/gray\_matter/MNI152\_T1\_4mm\_brain.nii.gz

# projects dirs

PROJ\_SCRIPT\_DIR=$PROJ\_DIR/script

PROJ\_GROUP\_SCRIPT\_DIR=$PROJ\_SCRIPT\_DIR/group

PROJ\_GROUP\_ANALYSIS\_DIR=$PROJ\_DIR/group\_analysis

SUBJECTS\_DIR=$PROJ\_DIR/subjects

ICA\_AROMA\_SCRIPT\_PATH=$GLOBAL\_SCRIPT\_DIR/external\_tools/ica\_aroma/ica\_aroma.py

AUTOPTX\_SCRIPT\_PATH=$GLOBAL\_SCRIPT\_DIR/external\_tools/autoPtx\_0\_1\_1

# requires: SUBJ\_NAME

if [ -z $SUBJ\_NAME ]; then echo "SUBJ\_NAME not defined..exiting"; exit;fi

if [ -z $SESS\_ID ]; then SESS\_ID=1; fi

SUBJECT\_DIR=$SUBJECTS\_DIR/$SUBJ\_NAME/s$SESS\_ID

ROI\_DIR=$SUBJECT\_DIR/roi

T1\_IMAGE\_LABEL=$SUBJ\_NAME-t1

T1\_DIR=$SUBJECT\_DIR/mpr

T1\_DATA=$T1\_DIR/$T1\_IMAGE\_LABEL

T1\_BRAIN\_DATA=$T1\_DIR/$T1\_IMAGE\_LABEL"\_brain"

FAST\_DIR=$T1\_DIR/fast

FIRST\_DIR=$T1\_DIR/first

SIENAX\_DIR=$T1\_DIR/$T1\_IMAGE\_LABEL"\_sienax"

T1\_SEGMENT\_GM\_PATH=$ROI\_DIR/reg\_t1/mask\_t1\_gm

T1\_SEGMENT\_WM\_PATH=$ROI\_DIR/reg\_t1/mask\_t1\_wm

T1\_SEGMENT\_CSF\_PATH=$ROI\_DIR/reg\_t1/mask\_t1\_csf

DTI\_IMAGE\_LABEL=$SUBJ\_NAME-dti

DTI\_EC\_IMAGE\_LABEL=$SUBJ\_NAME-dti\_ec

DTI\_ROTATED\_BVEC=$SUBJ\_NAME-dti\_rotated.bvec

DTI\_BVEC=$SUBJ\_NAME-dti.bvec

DTI\_BVAL=$SUBJ\_NAME-dti.bval

DTI\_DIR=$SUBJECT\_DIR/dti

DTI\_DATA=$DTI\_DIR/$DTI\_IMAGE\_LABEL

DTI\_FIT\_LABEL=$DTI\_IMAGE\_LABEL"fit"

BEDPOSTX\_DIR=$DTI\_DIR/bedpostx

PROBTRACKX\_DIR=$DTI\_DIR/probtrackx

RS\_IMAGE\_LABEL=resting

RS\_DIR=$SUBJECT\_DIR/resting

RS\_DATA=$RS\_DIR/$RS\_IMAGE\_LABEL

SBFC\_DIR=$RS\_DIR/fc

RS\_REGSTD\_DIR=$RS\_DIR/resting.ica/reg\_standard

RS\_REGSTD\_IMAGE=$RS\_REGSTD\_DIR/filtered\_func\_data

RS\_REGSTD\_DENOIS\_DIR=$RS\_DIR/resting.ica/reg\_standard\_denoised

RS\_REGSTD\_DENOIS\_IMAGE=$RS\_REGSTD\_DENOIS\_DIR/filtered\_func\_data

RS\_AROMA\_DIR=$RS\_DIR/ica\_aroma

RS\_REGSTD\_AROMA\_DIR=$RS\_AROMA\_DIR/reg\_standard

RS\_REGSTD\_AROMA\_IMAGE=$RS\_REGSTD\_AROMA\_DIR/filtered\_func\_data

MC\_PARAMS\_DIR=$RS\_DIR/$RS\_IMAGE\_LABEL.ica/mc

MC\_ABS\_DISPL=$MC\_PARAMS\_DIR/prefiltered\_func\_data\_mcf\_abs\_mean.rms

MC\_REL\_DISPL=$MC\_PARAMS\_DIR/prefiltered\_func\_data\_mcf\_rel\_mean.rms

DE\_DIR=$SUBJECT\_DIR/t2

DE\_IMAGE\_LABEL=de

DE\_DATA=$DE\_DIR/$DE\_IMAGE\_LABEL

DE\_BRAIN\_DATA=$DE\_DIR/$DE\_IMAGE\_LABEL"\_brain"

T2\_DIR=$DE\_DIR

T2\_IMAGE\_LABEL=t2

T2\_DATA=$T2\_DIR/$T2\_IMAGE\_LABEL

T2\_BRAIN\_DATA=$T2\_DIR/$T2\_IMAGE\_LABEL"\_brain"

WB\_DIR=$SUBJECT\_DIR/wb

WB\_IMAGE\_LABEL=$SUBJ\_NAME-wb\_epi

WB\_DATA=$WB\_DIR/$WB\_IMAGE\_LABEL

WB\_BRAIN\_DATA=$WB\_DIR/$WB\_IMAGE\_LABEL"\_brain"