Build GCAM

Clone from bitbucket

git branch -a

git checkout <branch to checkout>

Initialize hector

module purge

module load java/1.7.0\_51

module load R

module load git

export BOOSTROOT=${HOME}/src/boost\_1\_62\_0

#export BOOST\_INCLUDE=${HOME}/include

export BOOST\_INCLUDE=/cluster/home/fdolan03/src/boost\_1\_62\_0/

export BOOST\_LIB=/cluster/home/fdolan03/src/boost\_1\_62\_0/libs

export BOOST\_LIB=${HOME}/lib

export XERCES\_INCLUDE=${HOME}/include

export XERCES\_INCLUDE=/cluster/tufts/lamontagnelab/fdolan03/libs/xercesc/include

#export XERCES\_LIB=/cluster/home/fdolan03/libs/xercesc/lib

export XERCES\_LIB=${HOME}/lib export JARS\_LIB=/cluster/tufts/lamontagnelab/fdolan03/GCAM/libs/jars/\*

export JAVA\_INCLUDE=${JAVA\_HOME}/include export JAVA\_LIB=${JAVA\_HOME}/jre/lib/amd64/server

export CXX=g++

. /cluster/kappa/90-days-archive/lamontagnelab/fdolan03/include/spack/share/spack/setup-env.sh

spack load gcc@8.1.0

cd <GCAM Workspace>/cvs/objects/build/linux

make gcam -j 8

new boost version 1.75

export BOOSTROOT=${HOME}/src/boost\_1\_75\_0

export BOOST\_INCLUDE=/cluster/home/fdolan03/src/boost\_1\_75\_0/

export BOOST\_LIB=/cluster/home/fdolan03/src/boost\_1\_75\_0/libs

export BOOST\_LIB=${BOOSTROOT}/stage/lib

export XERCES\_INCLUDE=/cluster/tufts/lamontagnelab/fdolan03/libs/xercesc/include

export XERCES\_LIB=${HOME}/lib

export JARS\_LIB=/cluster/tufts/lamontagnelab/fdolan03/GCAM/libs/jars/\*

export JAVA\_INCLUDE=${JAVA\_HOME}/include export JAVA\_LIB=${JAVA\_HOME}/jre/lib/amd64/server

export CXX=g++

module load java/1.7.0\_51

module load R

module load git

module load gcc/7.3.0

export LD\_LIBRARY\_PATH=$LD\_LIBRARY\_PATH:$JAVA\_LIB

###########################################################

abby:

export BOOSTROOT=${LABHOME}/boost\_1\_62\_0

export BOOST\_INCLUDE=${LABHOME}/boost\_1\_62\_0/

export BOOST\_LIB=${LABHOME}/lib

export XERCES\_INCLUDE=${LABHOME}/xercesc/include

export XERCES\_LIB=${LABHOME}/lib

export JARS\_LIB=${LABHOME}/jars/\*

export LD\_LIBRARY\_PATH=$LD\_LIBRARY\_PATH:/opt/shared/ansys\_inc/v193/v195/tp/qt/5.9.6/linx64/lib/

(if problem about libicui18n.so.42)