TRILEGAL
hpXXXX.dat

3072 files x 6.7 sq deg
K<16

ascii2fits

hpXXXX.fits

add_properties

Radius,
Teff,
Binarity

stars.sav

ps_sel

Postage stamp or FFI?

add_bebs
add_planets
add_triples

Combine,
add coordinates

make_eclipse

eclipses.sav

eclip_survey

Number of
pointings

eclip_observe

Calculate
SNR

eclip_out.fits

What did
we find?

ASCII   IDL .pro   FITS   IDL .sav

Each HEALPix Tile:

TRILEGAL faint stars

T<21, K>16

Assign Binaries

EBs

Do we over-write the radii, Teffs from TRILEGAL?

BEBs

TRILEGAL bright stars

K<16

Assign Binaries

All bright stars

Assign Planets

Transiting Planets

All Eclipses

Assign Triples. Eclipsing?

HEBs