

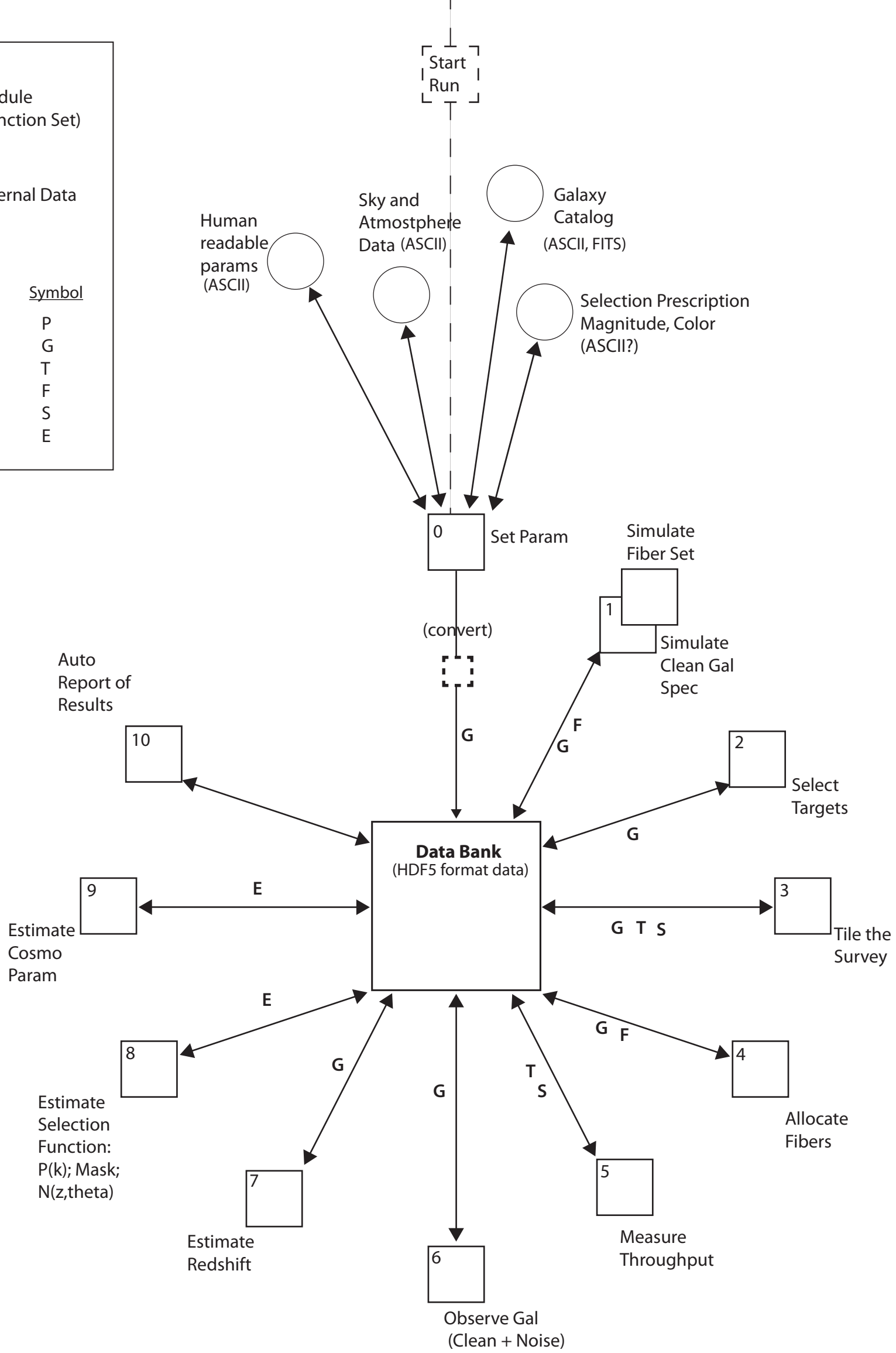
**Legend**

Module  
(Function Set)

External Data

Data Type      Symbol

Parameters      P  
Galaxies          G  
Survey Tiles      T  
Fiber              F  
Sky                S  
Ensemble         E



Start Run

Human readable params (ASCII)

Sky and Atmosphere Data (ASCII)

Galaxy Catalog (ASCII, FITS)

Selection Prescription Magnitude, Color (ASCII?)

0 Set Param

Simulate Fiber Set

(convert)

1

Simulate Clean Gal Spec

Auto Report of Results

10

G

F

2

Select Targets

G

**Data Bank**  
(HDF5 format data)

Estimate Cosmo Param

9

E

G T S

3

Tile the Survey

E

8

G

G F

4

Allocate Fibers

Estimate Selection Function:  $P(k)$ ; Mask;  $N(z, \theta)$

7

T S

5

Measure Throughput

Estimate Redshift

6

Observe Gal (Clean + Noise)