

procedure *lgc()* :

for *each reference ref in root set:*

copy(ref);

copyReferencesOnPrintStack();

procedure *lgcCopy(ref)* :

if *cellType(ref) is cons:*

if *ref is live and has not been copied using reachability:*

newRef = dupHeapcell(ref);

newCar = lgcCopy (ref.car);

newRef.car = newCar;

newCar = lgcCopy (ref.cdr);

newRef.cdr = newCar;

else:

makenull(ref);

else:

if *cellType(ref) is closure and has not been copied:*

newRef = rgcCopy (ref);