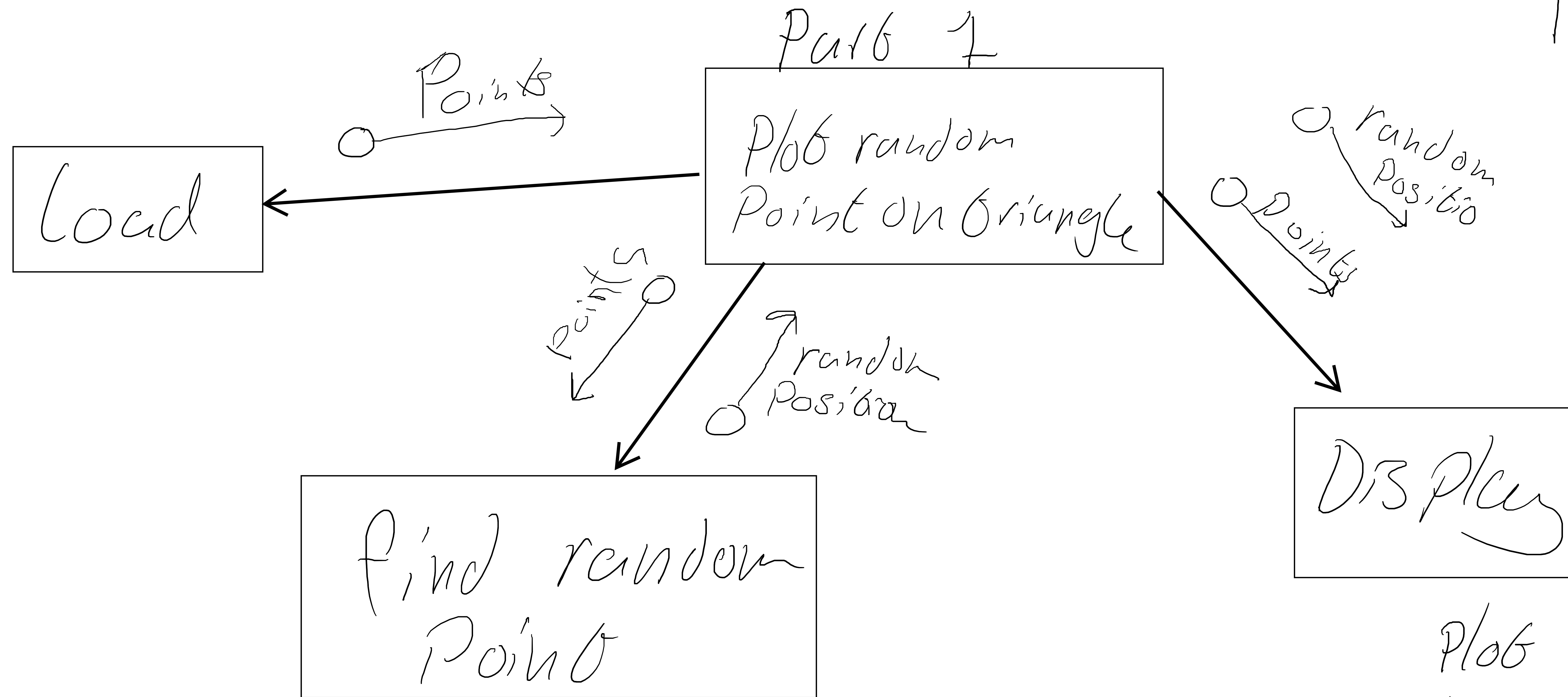


Toby Thurney

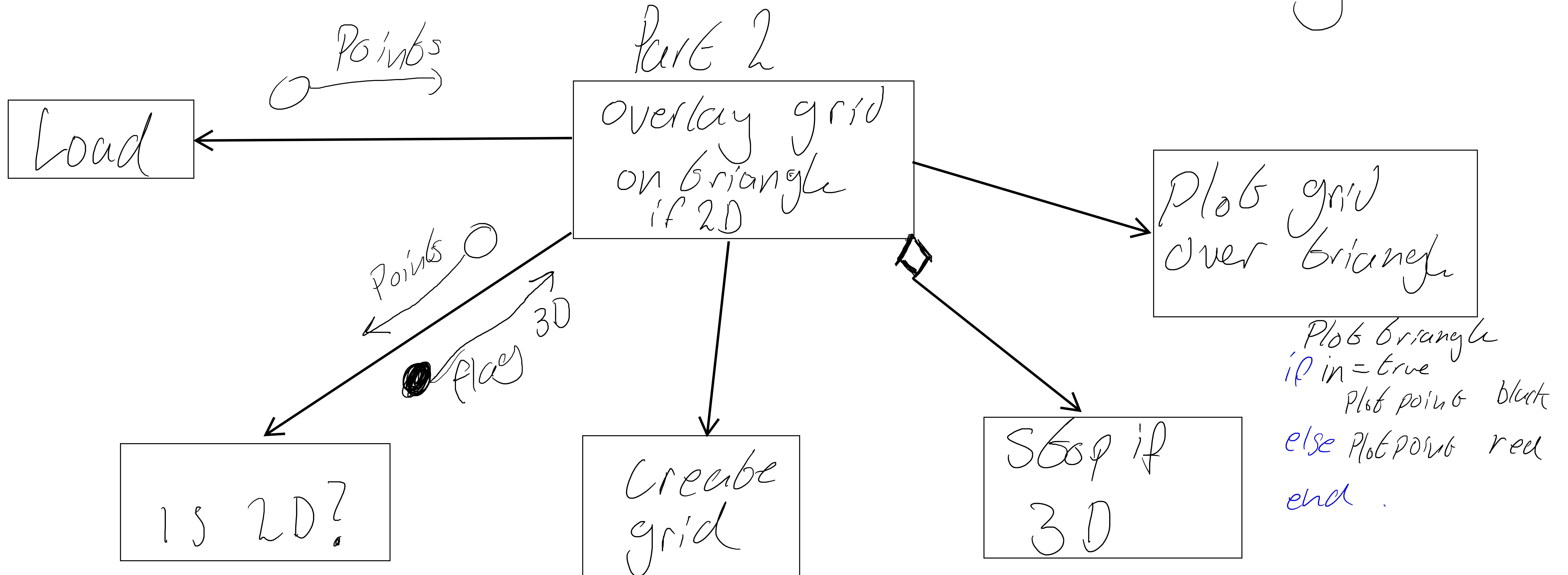


$\lambda_1 = \text{rand}$   
 $\lambda_2 = \text{rand}$   
 $\lambda_3 = \text{rand}$

$$V = V_1 + \lambda_2(V_2 - V_1) + \lambda_3(V_3 - V_1)$$

Plot triangle  
 hold on  
 Plot random point  
 hold off.

Toby Thomas



is size of  
each co-ord  
1? if not then  
file contains a 3D  
triangle

meshgrid?  
or...  
for x range of triangle → end  
for y range of triangle → end  
Plot point at x, y  
in = in polygon  
end end