

Cut a blob to certain level

Input: IBlobSet

For each blob,
If largest strip_length > length_threshold ?

Yes

split the blob half in plane
with the largest strip

make 2 new blobs using
rest original strips and the
half split new strip

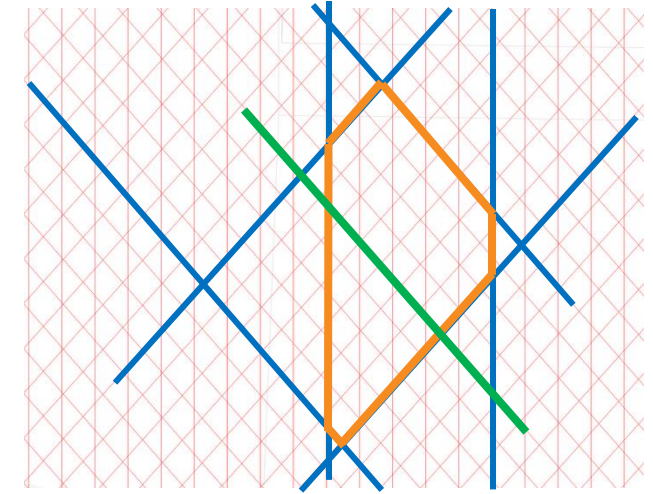
How to make a new blob:

- add 5 layers strips one by one to create corners
- drop invalid blobs
- Prune blob boundaries
- drop invalid blobs

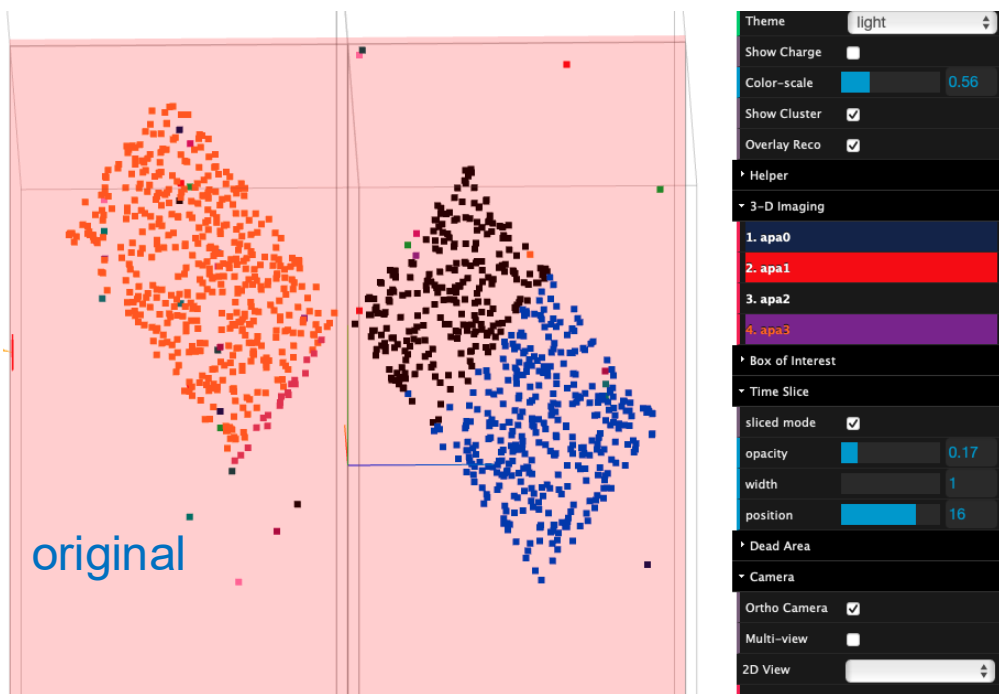
No

Save to output_pointer;

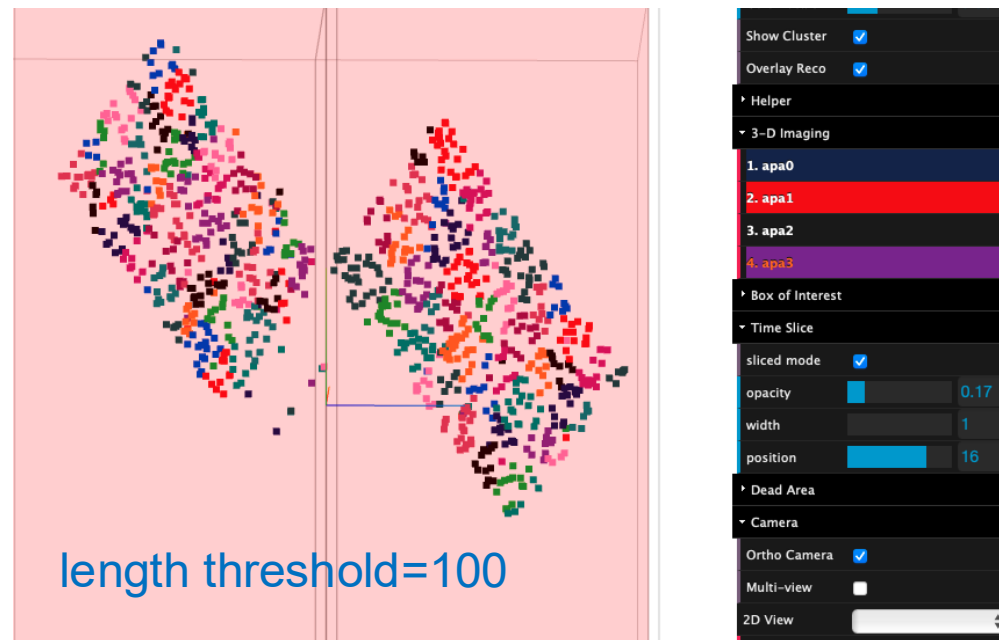
Output: IBlobSet



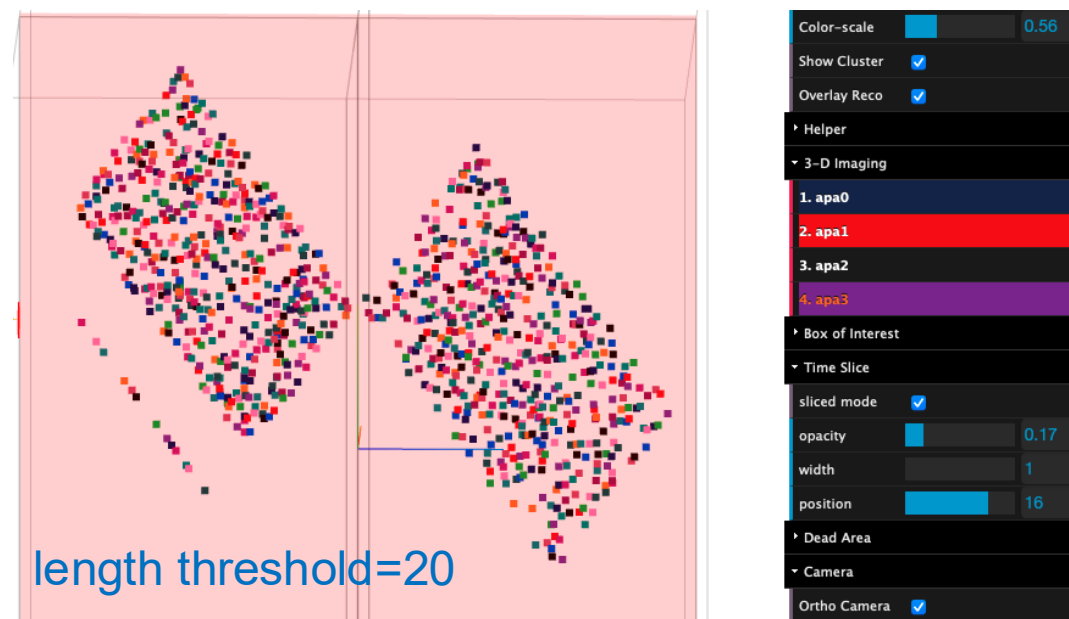
```
cutting :: function(anode, aname) {  
  ret : g.pnode({  
    type: "BlobCutting",  
    name: "blobcutting-" + aname,  
    data: {  
      length_threshold: 20,  
      max_depth: 100,  
    }  
  }, nin=1, nout=1),  
  }.ret,
```



<https://www.phy.bnl.gov/twister/bee/set/4889489c-333a-47a9-9b8d-95e8ace0a493/event/0/>



<https://www.phy.bnl.gov/twister/bee/set/9ef1321e-c820-4dd1-ada2-8899df753148/event/0/>



<https://www.phy.bnl.gov/twister/bee/set/b3d752d7-a118-453b-9eef-cc2bd73c50f5/event/0/>

Still working on validation and debugging

backup

