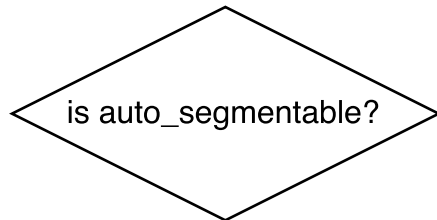


Child system

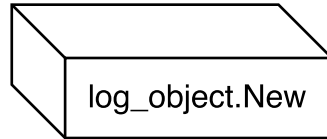
Parent system



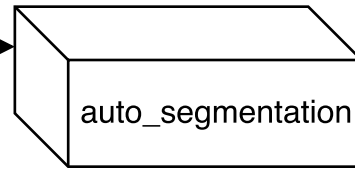
is auto\_segmentable?

No

Yes



log\_object.New



auto\_segmentation

-> search\_spec  
-> out\_of\_spec  
-> inside\_spec

for each in  
Log.ALL\_POSITIONS

position not in  
Log.DEAD\_POSITIONS

Log.ALL\_POSITIONS  
{element\_id}  
{child\_system}  
{parent\_system}

Log.DEAD\_POSITIONS  
{element\_id}  
{child\_system}  
{parent\_system}

non\_spec\_pos

foreach in  
non\_spec\_pos-> N

Log.POS\_PROHIB  
{element\_id}  
{child\_system}  
{parent\_system}  
{option\_number}

Log.POS\_PROHIB\_FOR\_SPEC

{element\_id}  
{child\_system}  
{parent\_system}  
{non\_spec\_number}  
{option\_number}

Log.POS\_PROHIB{element}{N<sub>spec</sub>}  
:= non\_spec\_pos[N]

PERMUTATIONS