

```

1 local lib=require"lib"
2 local bin=require"bin"
3 local map,push,sort = lib.map, lib.push, lib.sort
4
5 local rule={}
6 function rule.new(bins, t)
7   t = {}
8   for key,one in pairs(bins) do
9     t[one.at]=t[one.at] or{}; push(t[one.at],one) end
10  return {bins=t} end
11
12 function rule.selects(i,row)
13   local function ors(bins)
14     for key,x in pairs(bins) do if bin.select(x,row) then return true end end
15     return false end
16   for at,bins in pairs(i.bins) do if not ors(bins) then return false end end
17   return true end
18
19 function rule.show(i,bins)
20   local cat, order, ors
21   cat = function(t,sep) return table.concat(t,sep) end
22   order= function(a,b) return a.lo < b.lo end
23   ors= function(bins)
24     return cat(map(bin.Merges(sort(bins,order)),bin.show)," or ") end
25   return cat(map(i.bins, ors)," and ") end
26
27 return rule

```