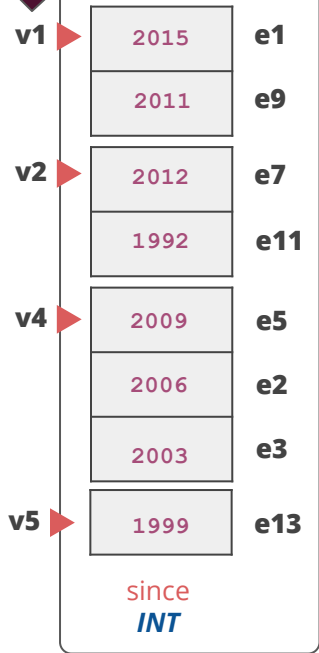
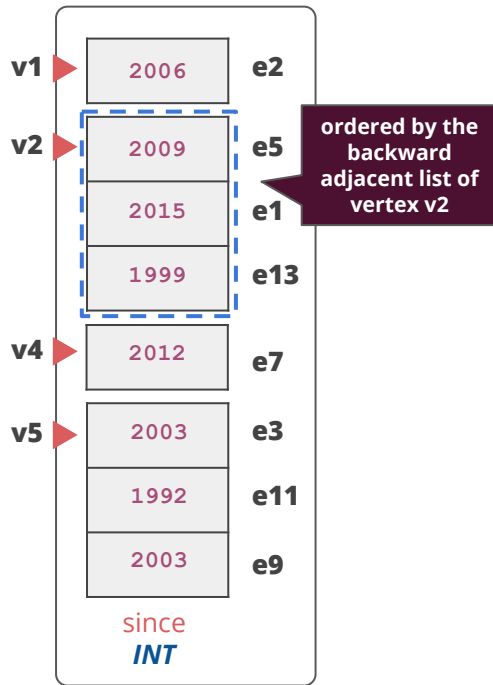


## vertex groups



Forward adjacency  
list-ordered



Backward adjacency  
list-ordered